

Markers, printers, software Industrial marking system

Version 2025



Weidmüller 

Markers, printers, software

Industrial marking system

Catalogue 7

Markers, printers, software
Industrial marking system

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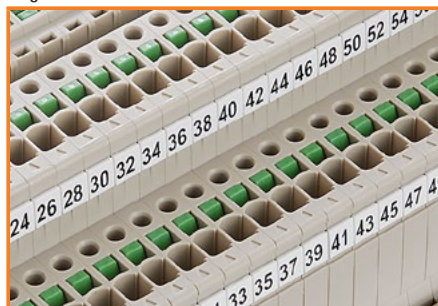
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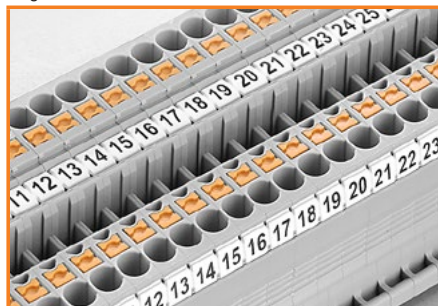
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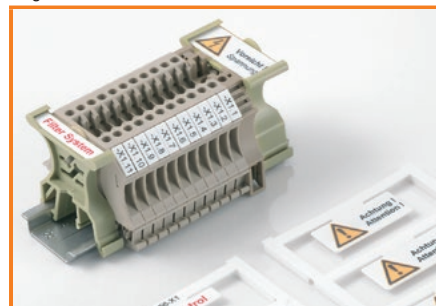
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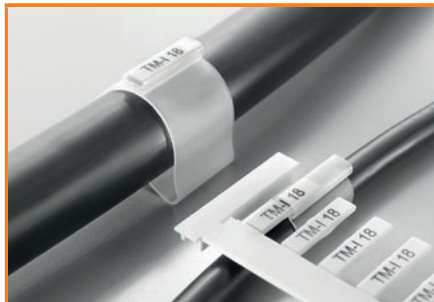


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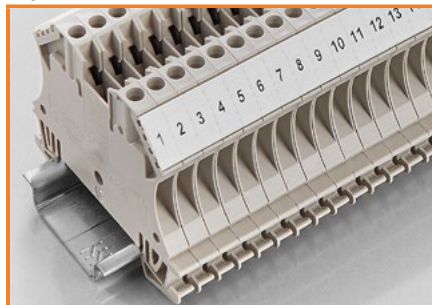
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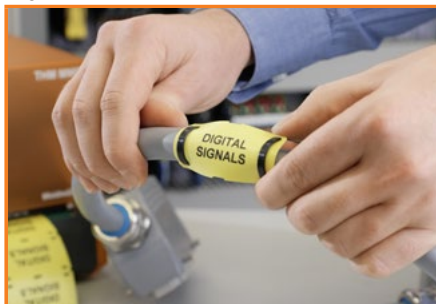
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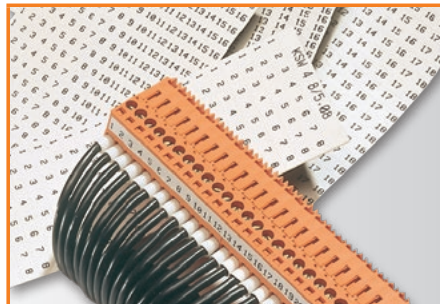
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Service and support

Service connects – worldwide

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- Service connects – worldwide
- Engineering services and customised products
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- Support Center
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Digital ordering options

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- Weidmüller eShop
- OCI interface
- EDI interface

Introduction

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Ideally equipped for every work phase

Increase efficiency and save time

The current boom in the sector is opening up new challenges for panel builders. On the one hand, the order books are full, but on the other hand, international competition is increasing, which in turn is leading to increased cost pressure. This dilemma will not be resolved by a single action alone, but rather by the consistent optimisation of the entire panel building process.

With Weidmüller, you have a strong partner by your side to support you in all work phases with perfectly coordinated solutions for your workshop. Based on many years of practical experience in panel building, we offer a comprehensive portfolio to effectively speed up your processes and increase your quality. Take a good look at our tools, markers, printers, software, automated systems and panel infrastructure for all work phases – from planning to installation and finally operation.

Planning

With our software solutions for marking (M-Print® PRO), semi-automated cable assembly (WPC tool) and configuration (WMC), you are perfectly positioned in every project phase. Thanks to interfaces to your CAE system, you benefit from optimum data consistency from planning through to commissioning.

Installation

Tools of certified premium quality, intuitive automatic stripping and crimping machines as a stand-alone or semi-automated solution, as well as a coordinated marking system enable you to save time and ensure safe assembly. At the same time, you minimise sources of error. Our end-to-end range is rounded off by versatile installation materials and infrastructure components for the panel. Besides our professional manual tools, we also offer you sets with an appropriate and efficient combination of tools and coordinating accessories, as well as a complete tool chest that has been developed in line with 5S and lean principles.

Operation

Even after commissioning your panels, the perfect interaction of products and tools from a single source offers you sustainable efficiency gains. Our extensive range of measuring and testing tools provides you with reliable support for troubleshooting. Seamless marking of all panel components as well as digital data consistency simplify and speed up maintenance work. This helps you reduce downtimes and increase the efficiency of your process steps.

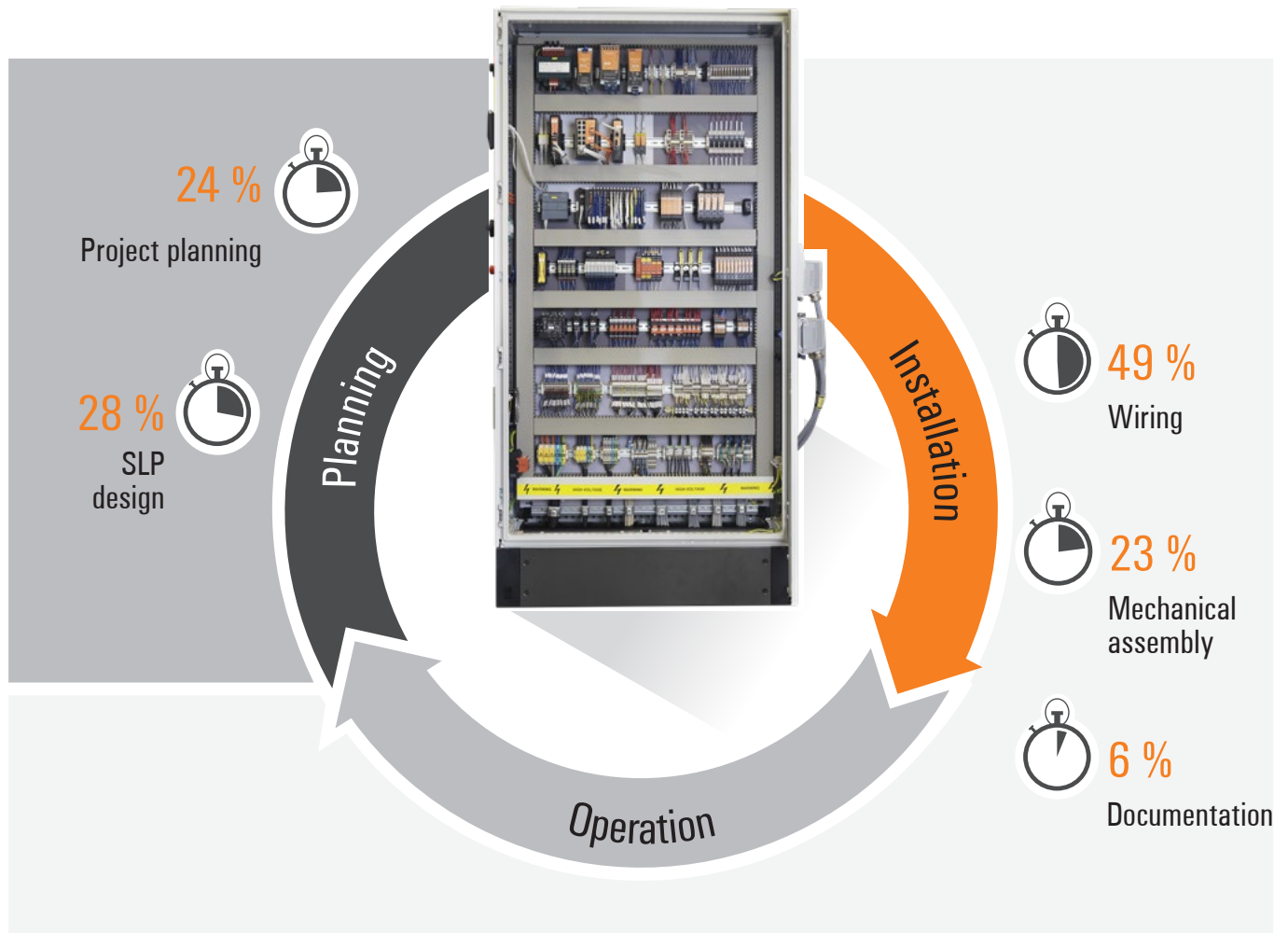


Recognising and harnessing the potential of Industry 4.0

Smart panel building increases efficiency

In traditional panel building, the product development process comprises numerous manual work steps. This means a high expenditure of resources and time as well as a natural source of error. A study by the University of Stuttgart on the subject of panel building 4.0* shows that traditional panel builders spend the most time during the planning and installation phases. In other words: The project planning and circuit diagram design work steps tie up more than 50% of the working time during the planning stage. The reason for this is inconsistent engineering processes and increasingly complex requirements as a result of the growing project business. The many manual tasks in mechanical assembly and wiring during the installation stage account for more than 70% of the working time!

The biggest time sinks in traditional panel building



*University of Stuttgart, Institute for Control Engineering of Machine Tools and Manufacturing Units, „Schaltschrankbau 4.0 – Eine Studie über die Automatisierungs- und Digitalisierungspotentiale in der Fertigung von Schaltschränken und Schaltanlagen im klassischen Maschinen- und Anlagenbau (Panel building 4.0 – A Study of the Potential of Automation and Digitalisation in the Production of Panels and Switching Systems in Traditional Mechanical and Plant Engineering)“.

Greater productivity in the workshop

Standardisation and automation

Above all, standardisation, automation and process-wide solutions offer considerable optimisation potential for inconsistent engineering processes and time-consuming, manual activities. At Weidmüller, we have focused very closely on these issues.

The result: A portfolio of complete solutions for the workshop where each work step perfectly flows into the next, and enabling processes to be 80% faster with 100% planning reliability.

Optimisation potential from Weidmüller



80 %

Faster and safer processes

We are constantly developing innovations that streamline time-consuming work processes such as mechanical assembly and wiring and that increase your productivity, for example with tools, markers and printers optimally adapted to the application.



100 %

Premium quality

For over 40 years, Weidmüller has stood for automated systems, tools, markers and printers that meet the highest requirements. Our constantly updated certifications and approvals under all relevant standards speak for themselves – premium products made in Germany that you can rely on.



100 %

Planning safety

Maximum reliability for your projects. With Weidmüller you have a partner with many years of experience in cable processing and marking – and a partner that you can rely on. By reducing potential sources of error with continuous data consistency, we streamline time-consuming work processes and increase your productivity.



One Stop Shop

Guaranteed availability

Our complete solutions for your workshop are available to you everywhere and at any time thanks to our worldwide network. You can rely on this and on our proven logistical processes. Regardless of the location.

Cross-process solutions from Weidmüller

Design

The Weidmüller Configurator (WMC) supports you in planning and configuring your panel, such as with assembled terminal strips. You import data sets from your eCAD system through an interface and simply transfer them back after they have been processed in the WMC.

Purchasing

The consistent availability of all article and order numbers also applies to our E-shop and speeds up purchasing and reordering.

Planning

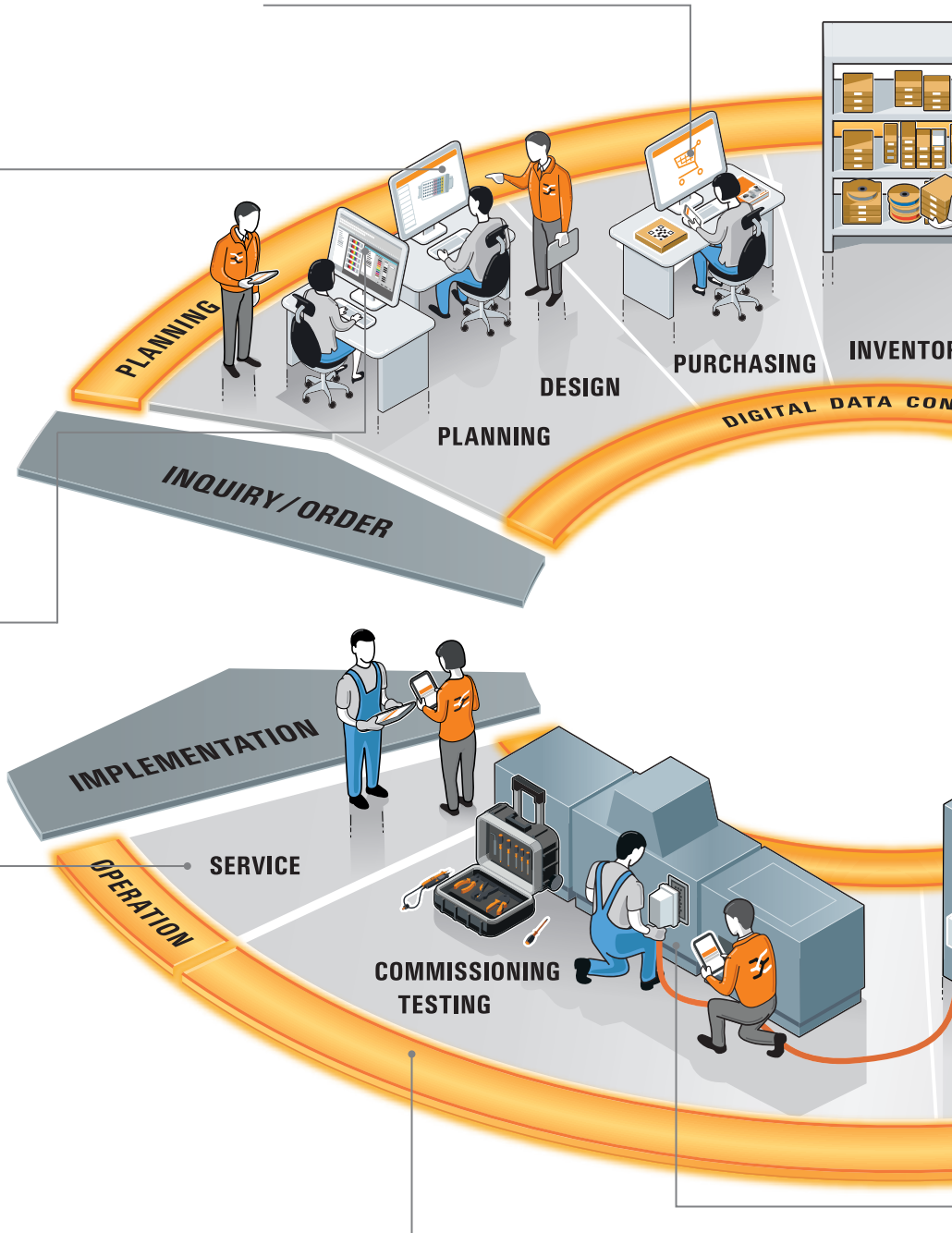
The M-Print® PRO marking software makes it much easier to plan and label markers. With the M-Print® PRO eCAD add-on, you connect your eCAD system with the marking software and perform intelligent automated component marking.

Service

You benefit from the perfect interaction of our integrated portfolio, even during and after the commissioning of your panels. Seamless marking of all panel components as well as digital data consistency simplify and speed up maintenance work. This helps you reduce downtimes and increases the efficiency of the entire application.

Mechanics and electronics in partnership:

High-quality and certified measuring and testing tools facilitate the final testing of panels and always deliver reliable measured values.



Warehousing

The markers of our MultiCard system are compatible with components such as terminal blocks, conductors, cables and devices from all manufacturers. Our MultiCard markers are available in almost 700 designs and can be individually printed. This reduces the number of marker variants that you always have to keep in stock.

Mechanical work preparation

Our comprehensive range supports you in all phases of work preparation, such as with the required panel infrastructure as well as cutting and perforation tools for the mechanical preparation of your panel components.

Electrical work preparation

Our automated systems carry out repetitive tasks for you, such as the cutting to length, stripping and crimping of cables. The marking software M-Print® PRO directly controls printers such as the PrintJet CONNECT or the THM MultiMark and ensures that the right marker is printed for every component and every cable.

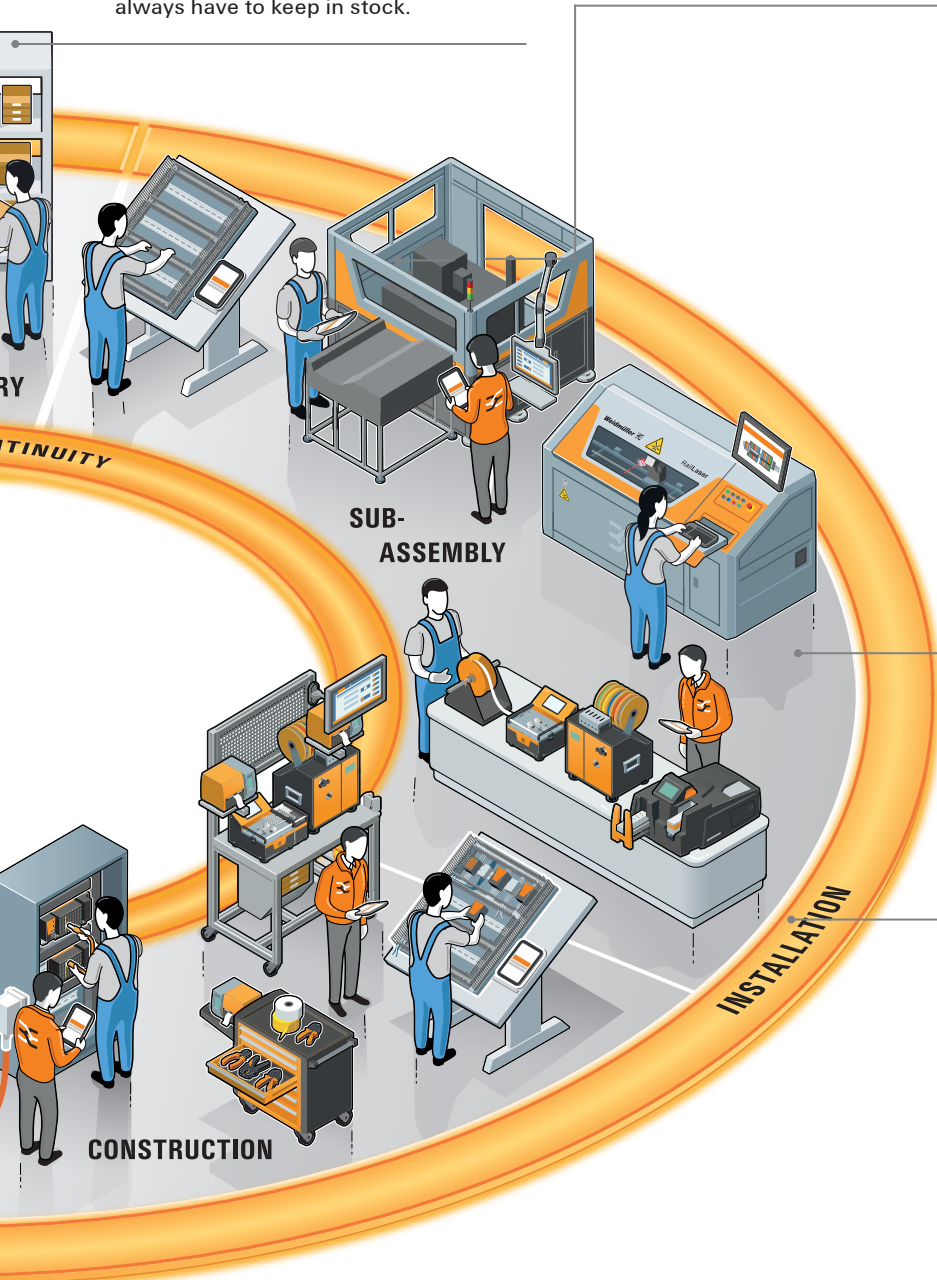
As stand-alone solutions or as a semi-automated Wire Processing Center (WPC) with your own planning software – our systems offer you maximum application flexibility.

Workshop/design

Error sources are reduced in installation and commissioning thanks to the clear and transparent marking of all cables and components. Weidmüller's manual tools for cutting, stripping, crimping, testing and screwing offer you a great deal of efficiency through precision, high quality and ergonomic design. The semi-automated Wire Processing Center (WPC) enables individual process optimisation with significantly increased efficiency.

Commissioning/testing

Your safety is the top priority when it comes to commissioning electrical systems and devices. Weidmüller's voltage and continuity testers comply with all relevant standards and you have peace of mind that your tests are performed in accordance with the regulations.



Systemised marking for optimised processes

Our co-ordinated complete system



Professional, industrial marking in line with the IEC 60204-1 standard is essential for faultless operation and reliable maintenance of industrial facilities. Weidmüller calls this “systemised marking” and offers more than the norm: a perfectly co-ordinated product range for optimised processes.



Software



intuitive to use and tailored to your requirements. Import, edit and manage data with ease with the M-Print® PRO software.



Do you need marking systems for a whole range of different applications? Our all-in-one solutions are intelligent and display real future viability: convenient data organisation, intelligent functions and marking conforming to standards make our systems unique.



Your marking needs

One of the main requirements of a marking system is that it clearly shows how your components are configured. This includes a precise print image, convenient handling and the guarantee of usability in an industrial environment. The software should provide optimum support during data entry and management. During marker output, the speed should be adapted to your needs.



Markers

constructive solutions for all cabinet-related applications. From the shrink sleeve to the metal marker.



Printers

laser, ink or thermal transfer. Industrial printing systems for every requirement. Designed with one eye on the future to suit your requirement profile

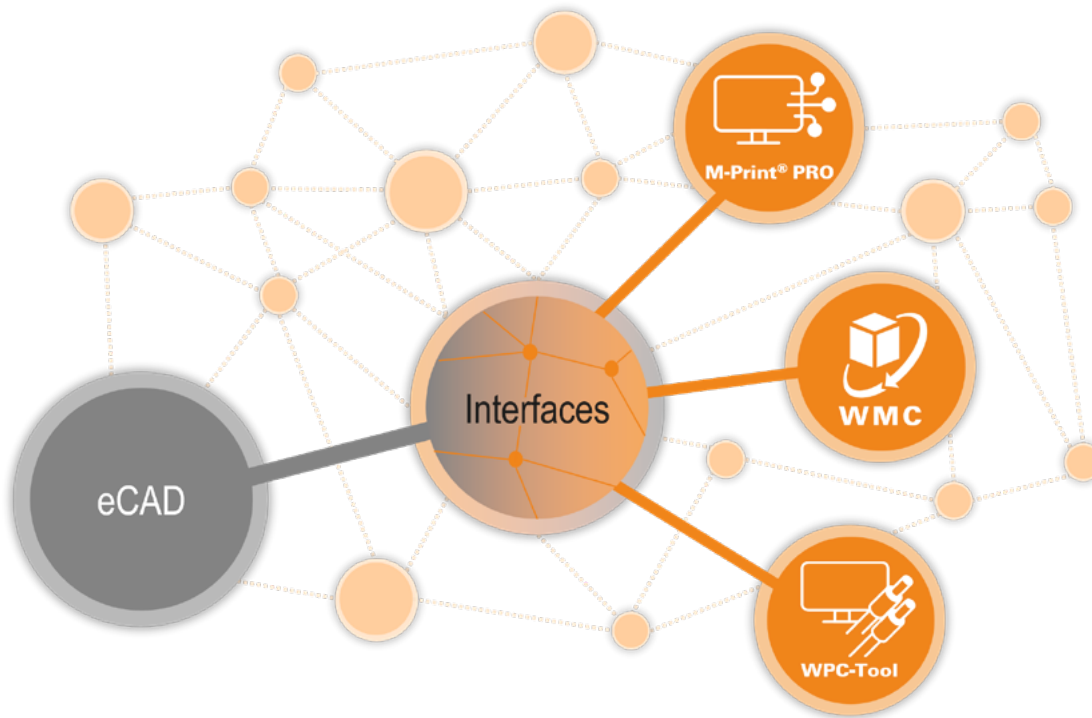


The marking result

You will be won over by marking systems from Weidmüller. We don't just offer you a complete, convenient process chain from data entry to ready-for-use markers for your individual cabinet configuration. We offer you marking solutions that are already geared towards the future requirements of progressive automation. This means you are one step ahead of state-of-the-art!

Digital Engineering

Digital planning with Weidmüller product data, interfaces and software solutions



ZUKEN



etap



SIEMENS



You want to be optimally supported in all steps of the electrical design process, from planning to production? Weidmüller offers you support as best as possible!

Your advantages:

- **Processes are digitized, time is saved and sources of errors are eliminated** – With Weidmüller software solutions for terminal strip and housing configuration (WMC), component marking (M-Print® PRO) and cable assembly (WPC-Tool), you are perfectly prepared for all project phases in electrical design and control cabinet construction.
- **Potential sources of error are eliminated and your productivity is increased** – High-performance interfaces enable a complete data consistency from the planning to the commissioning process.
- **A simple, safe and fast design process** – Weidmüller provides digital product data for a variety of engineering systems. The data is always compliant with the latest system provider standard.



Find out more about digital engineering
www.weidmueller.com/digital_engineering

Connectivity Consulting

Counteracting the shortage of skilled workers with Connectivity Consulting



Are you looking for innovative, sustainable and value-adding solutions for your individual requirements? Weidmüller offers you support with experienced experts for products, solutions and services in the industrial environment of energy, signals and data!

Your advantages:

- **Increasing efficiency and quality in cabinet building** – Weidmüller offers you customized solutions to make your cabinet building fit for purpose. From design optimization and process automation to digital planning and commissioning. Every single work step offers opportunities for optimization.
- **Benefit from the practical experience of the experts** – Weidmüller's connectivity consulting experts have acquired practical specialist knowledge in many international projects.
- **Support in the implementation process** – From analysis to implementation: Our experts support you with all measures.



Find out more about Connectivity Consulting
www.weidmueller.com/connectivity-consulting

Materials

Material	Thermal, mechanical characteristics	Chemical characteristics
Polyamide 66 (PA), UL 94-V2	Hard, rigid, abrasion-resistant halogen-free, -40 °C...+100 °C	Resistant to: oils, benzene, benzene, alkalis, solvents, chlorinated hydrocarbons, esters and ketones Not resistant to: ozone, hydrochloric acid, sulphuric acid, hydrogen peroxide
Polyethylene LD (PE), UL 94-HB	Soft, cold-resistant to -40 °C, impact-resistant, unbreakably rigid, transparent to opaque halogen-free, -40 °C...+80 °C -30 °C...+90 °C (MultiMark)	Resistant to: acid, alkalis, solvents, alcohol, benzene Not resistant to: aromatics, chlorinated hydrocarbons
Polyvinyl chloride, hard (PVC), UL 94-V0	Hard, rigid, transparent to opaque -50 °C...+80 °C	Resistant to: acid, alkalis, oils, greases, benzene Not resistant to: benzene, ketones, esters and stain removers
Polyvinyl chloride, soft (PVC), UL 94-V0	Cuddly, soft, transparent -40 °C...+80 °C	Resistant to: acid, alkalis, oils, greases, detergents Not resistant to: benzene, esters and chlorinated hydrocarbons
Polyvinyl chloride soft UV resistant (PVC) UL94 V-0	High gloss, very cuddly, soft, vertical outdoor weathering 10 years -50 °C...+110 °C	Resistant to: water, oils and a variety of solvents Not resistant to: greases, fuels, aliphatic solvents, weak acids, salts and alkalis
Polypropylene (PP)	Hard, rigid, transparent to opaque -40 °C...+80 °C -50 °C...+100 °C (THM ET)	Resistant to: acid, alkalis, saline solutions, alcohol, oil Not resistant to: chlorinated hydrocarbons
Polyolefine	Shrinkage rate 2:1 at 90 °C halogen-free, -55 °C...+105 °C	Resistant to: acid, alkalis, solvents, alcohol, benzene Not resistant to: aromatics, chlorinated hydrocarbons, diesel
	Fire-retardant Shrinkage rate 3:1 at 90 °C -55 °C...+135 °C	Resistant to: acid, alkalis, solvents, alcohol, benzene, saline solutions, alcohol, oil Not resistant to: aromatics, chlorinated hydrocarbons, diesel, chlorinated hydrocarbons
	halogen-free, Non-shrinking -55 °C...+105 °C	Resistant to: acid, alkalis, solvents, alcohol and petrol Not resistant to: aromatic compounds, chlorinated hydrocarbons and diesel
Polyoxymethylene (POM)	Hard, rigid, impact-resistant to -40 °C, unbreakable, high dimensional stability in heat, high abrasion resistance, low moisture absorption -40 °C...+80 °C	Resistant to: weak acids, weak alkalis, benzene, benzene, alcohols, oils Not resistant to: strong acids and strong alkalis
Vinyl-coated cotton fabric	Halogen-free -29 °C...+80 °C	Resistant to: good resilience to water, oils and various solvents as well as alcohols and benzene
Polyester material	Halogen-free -40 °C...+150 °C	Resistant to: very good resilience to water and weathering effects, good resistance to petroleum-based solvents, moderate resistance to esters and ketones, very good resistance to UV radiation

Material	Thermal, mechanical characteristics	Chemical characteristics
Polyurethan	Flexible -40 °C...+90 °C	Resistant to: alcohols, solutions of organic salts, aromatic hydrocarbons, mineral oil, greases Not resistant to: acid, alkalis and chlorinated hydrocarbons
Polyvinyl fluoride	Dimensionally stable, abrasion-resistant, thermally stable -40 °C...+140 °C	Resistant to: very good resilience to water and weathering effects, good resistance to petroleum-based solvents, moderate resistance to esters and ketones, very good resistance to UV radiation
Composite material TPU/PC-ABS	Halogen-free, flexible -50 °C...+90 °C	Resistant to: alcohol, petrol, cleaning solutions, butanol, ethyl and butyl cellosolve solvents
Stainless steel 1.4301		The 1.4301 steel is resistant to water, water vapour, humidity, food acids, as well as weak organic and inorganic acids and offers a range of diverse applications, e.g. in the foodstuff industry, in beverage production, in the pharmaceutical and cosmetic industry or in chemical equipment engineering.
Stainless steel 1.4404		The 1.4301 steel is resistant to water, salt water, chlorine-containing media, water vapour, humidity, food acids, as well as weak organic and inorganic acids and offers a range of diverse applications, e.g. in the foodstuff industry, in beverage production, in the pharmaceutical and cosmetic industry or in chemical equipment engineering.
Aluminium		Protected through passivation to protect reactions with air or water at room temperature. Inexpensive and light alternative to stainless steel.

Weidmüller tests and test procedures

Tests	Test conditions/requirements
Materials test	Flammability in accordance with UL 94 Shore A hardness test A – ISO 868 Surface resistance – DIN IEC 60093
Ageing	All marker materials are tested for their ageing resistance. Tested to Weidmüller test specifications.
Function test of PTFE and PVC wire insulation	Suitability of markers for installation at temperatures between –10 °C to +40 °C. Correct attachment test of the respective marker size for the smallest to the largest wire diameter.. Tested to Weidmüller test specifications.
Vibration resistance on carrier	Vibration test, industry, in accordance with: DIN EN 60068-2-6, sinusoidal (3 axes, 10 cycles per axis, acceleration 5g, frequency 10-500 Hz, sweep rate 1 octave/minute) Tested to Weidmüller test specifications.
Wipe resistance	Resistance of the print against the effects of hand perspiration, machine oil, water and ethanol. A slight alteration is permissible; however, clear identification (legibility) must be guaranteed. In the case of printing subject to VDE 0611 pt 4 (rating plate details), the wipe resistance against water and mineral spirits is to be tested for a period of 15 minutes. Standards: DIN VDE 0611-4 / Pt. 3.1.3 DIN EN 60947-1/ Pt. 5.1 DIN EN 60742, CEI 16-7 Tested to Weidmüller test specifications.
Scratch resistance	No scratches may be visible on the base or the carrier following the fingernail test. A slight alteration is permissible; however, clear identification must be guaranteed. Tested to Weidmüller test specifications.
UV light resistance	The function must be guaranteed. The print or colour of the product must be clearly recognisable. Standard: Tested according to DIN EN ISO 4892-2.
Chemical resistance of the print	Tested to Weidmüller test specifications.

We would like to point out that the described test procedures are implemented depending on type and application. Owing to the sheer number of possible applications and environmental influences such as moisture, radiation, gases or heat/cold to which the products can be exposed, Weidmüller accepts no liability for the suitability of products in all customer applications. Suitability tests for specific applications must therefore be carried out by the customer. However, Weidmüller will be happy to provide help and advice upon request.

Due to the different identification system available on the market, we wish to point out that Weidmüller does not guarantee industrial identification products if the Weidmüller components (markers – transparent sleeves – ink/toner/colour ink ribbons – printing systems) are combined with third-party products, unless Weidmüller has explicitly agreed for the purpose of an individual application.



Software

Software	M-Print® PRO	B.2
	LPC-Tool	B.5
	M-Print® PRO eCAD	B.6
	Eplan Smart Mounting & M-Print® PRO	B.8
	Weidmüller Configurator	B.10

M-Print® PRO

Flexible, project-specific, and globally applicable

M-Print® PRO is available in 20 different languages. Thanks to the graphical user interface, the software is particularly easy to use. It is compatible with various data formats and interfaces of eCAD programs and has a practical import function. M-Print® PRO makes it possible to create printings for different markers, e.g. MultiCard, MultiMark, MetalliCard, Label Processing tags and Sheets in one project. Weidmüller printers are controlled via USB port or network connection. You can also order pre-printed markers with M-Print® PRO directly online from us.



Benefits at a glance



Efficient

The complete integration into your processes saves time and money



Intuitive

Intuitive and easy to use thanks to graphical user interface (WYSIWYG)



Multilingual

The software is available for Windows® in 20 languages

All in one: the simplest marking system

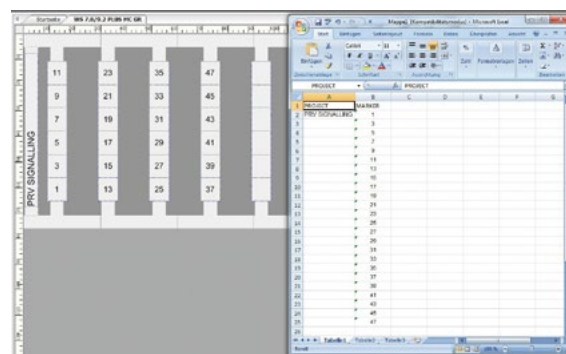
Systemised marking is based upon the foundation of the intuitive software M-Print® PRO. With a single software package, it is possible to produce marking and signage for all applications conforming to the industry standards. Alongside the dependable data achieved by failure free data transfer, process optimisation is a key benefit. This optimisation is achieved via the conglomeration of marker, printer, and data transfer all with a single system. Then you will be prepared for all eventualities regarding the panel engineering process.



- Professional software package for marking electrical components
- Local and network installation
- Digital support of the entire marking process
- Optimal project creation. Complex project tasks in a single project file and templates for future projects
- Continuous and double-sided labelling (heat shrinks)
- Consecutive numbering function
- Data import of different file formats and eCAD interfaces
- Integrate graphics, barcodes, and symbols
- Integrated product catalogue containing the complete range of Weidmüller markers

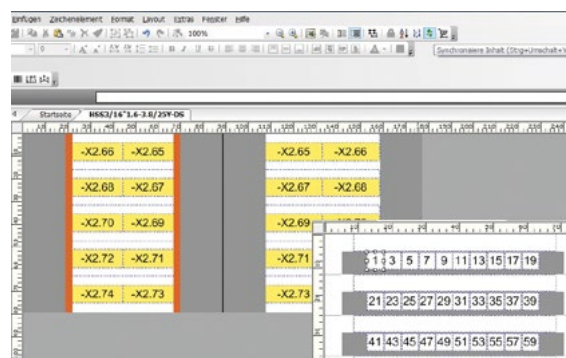
Data transfer for optimised processes

Excel formats can be opened and imported. Defined import steps for routine operations. eCAD interface for a seamless digital process from beginning to end with M-Print® PRO eCAD.



Easy-to-use editing for rows and sequences

Endless marking for cost efficient printing. Automatic text and number sequences for continuous marking. Generate consecutive numbering by functions.



Graphic functions for complex applications

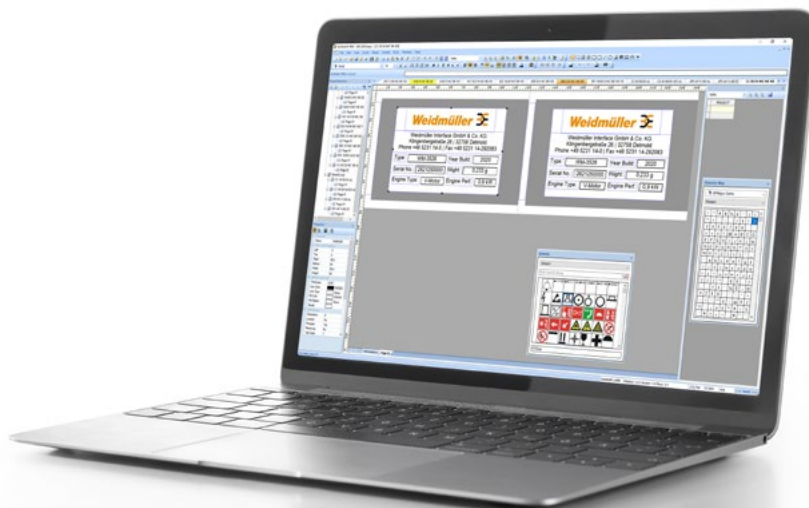
Large range of graphic tools and usable formats. Optimal formatting with automatic sizing option. Functions for colour codes and multi-level terminals. Template function for type labels.



M-Print® PRO

Print and ordering software for markers and labels

M-Print® PRO is a professional software tool for printing and ordering Weidmüller markers and labels under Windows®. This software helps you to optimise your processes for marking electrical equipment. You can design, print and order your marking materials effortlessly, professionally and quickly: texts, frames, lines, graphics, barcodes, serial numbers and photos.



Technical data

Here is an overview of the main functions

Integrated product catalogue for all labels and markers, including images and links to the relevant web pages
Custom formatting of individual text characters (RTF)
Perform copy-and-paste functions with texts and their formats
Supports UNICODE for foreign-language texts, such as Russian, Chinese, Polish, etc.
Enter data on labels or worksheet
Creation of scales; numeric and alphanumeric counts and sequences
Extensive range of image formats (*.bmp, *.wmf, *.png, *.ico, *.jpeg, *.tif, *.gif)
Image library including all the important symbols used in electrical engineering
Permanent print preview: see what the printout will look like even at the design phase, WYSIWYG editing
Output devices supported: Weidmüller marking systems as well as standard printers with Windows® drivers
Imports data from CAE systems
Import wizard for a number of file formats (*.txt, *.csv, *.xlsx, *.xml, etc.) for creating your own import scripts
Multi-Level structuring of markers and labels
Interface to Weidmüller configurator

Hardware

CPU	Intel CPU (32 or 64 bit)
Processor	min. 1.2 GHz processor clock
Printer communication	USB or IPV4 network (depending on the printing system used)
Working memory	1 GB (more memory is recommended depending on the size of the project files) Hard disk space (without user files): - approx. 750 MB (1 language installed) - for multilingual installation: hard disk space depends on the number of installed languages, max. 2 GB
Screen resolution	min. 1024x768 pixels
Operation	mouse, keyboard
Installation	DVD drive or installation via file storage (e.g. file server, USB stick)
Internet access	Optional, only if updates or access to the Weidmüller product catalogue are required. Not necessary for marking/printing.

Interface to printer system

USB, LAN

Supported operating systems

Windows® 10 (incl. version 1809), Windows 11

Virtual environment or terminal server

Are possible for the use of M-Print® PRO, as long as they meet the above-mentioned operating systems and hardware requirements in full. However, it is recommended to install a trial version (30 days) to verify this in individual cases.

Ordering data

Type
M-Print® PRO

M-Print® PRO

Order No.
1905490000



Download Software:
www.weidmueller.com/mprintpro

Automated component labelling

LPC-Tool

More efficiency in cabinet building with cognitive assistance systems

The LPC-Tool automates the time-consuming component labelling in cabinet building. By automatically assigning the appropriate DT, it facilitates the work process and enables assistance functions.

The new LPC-Tool eliminates the tedious search for the right label for the component to be labelled. The assistance system, in conjunction with our M-Print® PRO and the connected CAE interfaces, uses the CAE data for software-controlled processing of device labelling in production. The device labelling can be carried out via component scanning, free text filter function or according to FiFo. In this way, the tool enables a reduction in process time through data consistency.

Your advantages of the LPC-Tool:

- Intelligent software to support semi-skilled persons in the assignment of DT to components
- Optimises the use of resources by skilled personnel
- Reduces errors in the marking process
- Data consistency through CAE interfaces
- Cognitive guidance of the worker through the entire marking process
- **The LPC tool is part of the labeling software M-Print® PRO**



Efficiency in the marking process

From component recognition to printing and application of the label: The print-on-demand concept of the LPC-Tool enables an increase in efficiency of up to 80 percent.



Data consistency

With the support of the CAE interfaces to our M-Print® PRO, the LPC-Tool uses the data from the planning to create a clear link between the device information and the component.



Optimised efficiency

The time of skilled workers in cabinet building is a valuable resource. The LPC-Tool offers a unique solution to save time and resources efficiently.

M-Print® PRO eCAD

The clever add-on for your electrical engineering software

In conjunction with the M-Print® PRO software and electrical engineering tools, the interface M-Print® PRO eCAD integrates reference labelling into the entire product development process. This means the interface makes a valuable contribution to increasing quality, accelerating market readiness, and ensuring more satisfied customers despite reduced development costs.

Benefits at a glance



Quality and reliability

M-Print® PRO eCAD makes it possible to label all the parts within the panel. That guarantees a high quality documentation.



Efficient

Savings potential through data consistency in the marking process up to 60%.



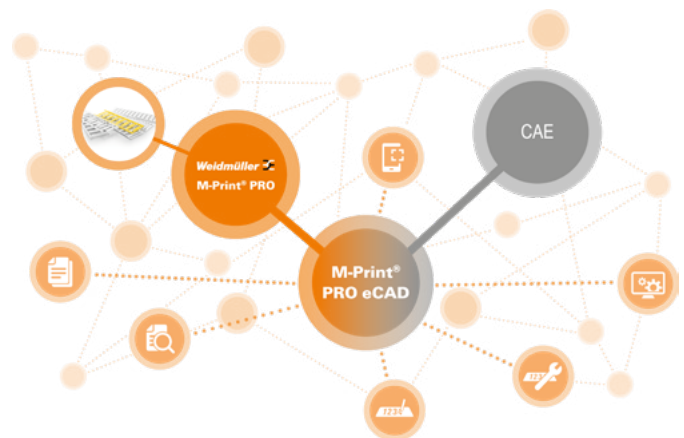
Simple

Setup, installation and commissioning run smoothly as functional dependencies are clearly visible.

The correct marker for every application

With M-Print® PRO eCAD, the appropriate markers are assigned to terminal blocks, devices, and cable types to ensure a standardised marking system. As a fixed element of the technical documentation, a complete print data is available for the workshop - manual data input is no longer necessary. Thanks to the routine checks of the CAE system, the data is complete and failure free.

- Print® PRO eCAD offers higher quality and reduces the „Time-to-Value“
- A continuous data flow improves the marker process
- Orientation in the cabinet made easy
- Procurement, installation, and commissioning with integrated marker data



Perfectly prepared for the follow-on processes

A well planned marking system helps service specialists to quickly identify the various components within the panel. M-Print® PRO eCAD allows technicians to work quicker and more efficiently to avoid failures. The Weidmüller interface connects your CAE software with our marking software M-Print® PRO and guarantees a continuous data flow. With all these benefits, you increase quality and project efficiency, achieve higher project throughput, and increase your margins.



Download M-Print® PRO eCAD



You can find more information how to download M-Print® PRO eCAD for EPLAN Electric P8 and ZUKEN E3 und WSCAD on our homepage:

www.weidmueller.com/mppecad



Data integration

Eplan Smart Mounting & M-Print® PRO

Fast, Simple, and Intuitive Component Marking and Assembly in Control Cabinet Manufacturing with Eplan Smart Mounting and the AutoPrint Mode in M-Print® PRO

B

Eplan Smart Mounting simplifies the manual installation of mechanical and electrotechnical components in control cabinets through intelligent, browser-based software – directly at the workstation in workshops and production halls.

With checklists featuring clear step-by-step instructions and corresponding 3D visualizations, components can be positioned quickly and precisely in the correct location within the control cabinet. The foundation for this is the digital twin created in Eplan Pro Panel.

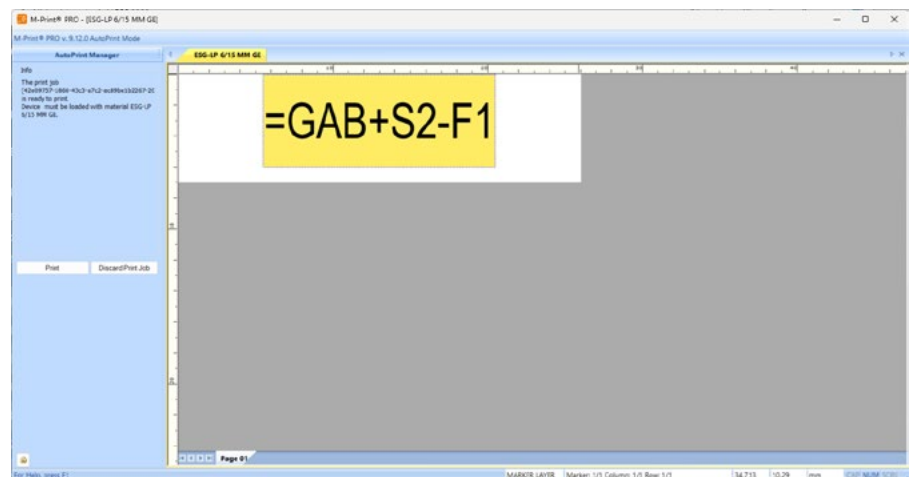
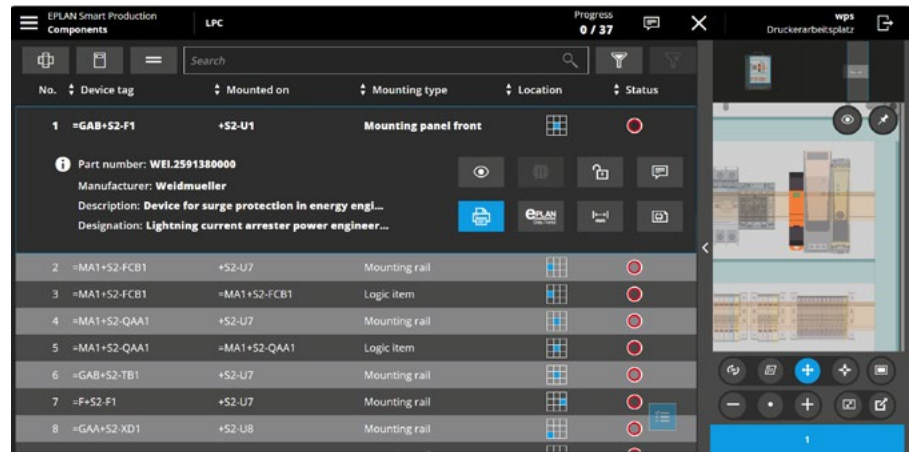


In addition to assembly, component marking is automated to enable software-controlled processing of equipment identification during production. To achieve this, Smart Mounting generates the print data and transfers it to M-Print® PRO.

The AutoPrint mode in M-Print® PRO can be activated as an optional add-on module.

As soon as print data is available in a monitored directory, it is displayed using the predefined marker type or template and can be printed immediately. Further editing is not intended in this mode. This ensures consistent data usage and eliminates transmission errors.

In combination with Eplan Smart Mounting, the AutoPrint function uses a WebSocket service to automatically read the print data—enabling not only user-guided component assembly but also the printing of equipment labels.



You can find M-Print® PRO – Eplan Smart Mounting on the Eplan homepage at:

www.eplan.com

From the idea to the finished solution

Weidmüller Configurator: intuitive, uncomplicated & fast digital engineering

B

Digital engineering can be so easy – with the Weidmüller Configurator!

It's a **free to use** software application to easily configure industrial solutions. It features more than **12,000 articles** from multiple product families including rail-mounted components, industrial and ex-certified enclosures, Heavy Duty Connectors, remote I/O-systems and PCB connectors.

Unleash the full power of digital engineering:

Our application wizards help you choose the right articles.

Place, mark or modify them to your needs and get your solution **visualized in 3D** – what you see is what you get!

Our promise: Speed up your solution planning process by up to 70%!

Your benefits:

- **Proven configuration designs in real 3D:** The plausibility and collision check with the complete digital documentation ensures that you can rely 100% on your configuration.
- **Seamless E-CAD Roundtrip:** Interfaces enable the simple exchange of product data between the WMC and all common engineering tools, such as Zuken E3 or EPLAN Electric P8.
- **Sample Service & Fast Delivery Service:** to support your design-in process, we offer a **3-day sample service** for many products. Inquire them directly online – for free!
You want your solution right away? Our **Fast Delivery Service** guarantees delivery of individually assembled terminal strips or enclosures within a few days.

Get started online now!

The Weidmüller Configurator makes solution planning easy. Visit our website for more information, tutorials and download it for free:



www.weidmueller.com/wmc

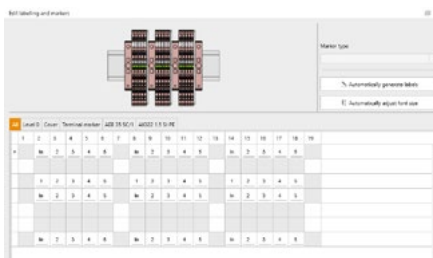


or register on easyconnect.weidmueller.com and use it online.



Wizards:

Design complete applications within few clicks – even without detailed product knowledge – for signal wiring, load monitoring, instrument transformers, enclosures, remote I/O-systems and many more.



Assistants:

Finalize your solutions with supporting assistants to add cross-connectors, markers or colors and verify the faultlessness. Automatic modes save valuable time!



1-click documentation:

Get assembly drawings for production – only 1 click. Bill of material – only 1 click. The complete solution documentation including all component data sheets – you're right, only 1 click!

Printer & MultiCard, MetalliCard

Printer & MultiCard, MetalliCard	Klippon® Automated RailLaser – Fast and high-precision marking	C.2
	PrintJet CONNECT – the advanced inkjet printer for the highest standards	C.4
	PrintJet MINI – the compact industrial printer for professional marking solutions	C.12
	Reasons to choose MultiCard	C.16
	Terminal markers	C.18
	DEK MultiCard – markers for terminals and connectors	C.22
	WS MultiCard – markers for the universal range for Klippon® Connect	C.30
	ZS MultiCard – markers for Z series modular terminals	C.44
	MF MultiCard – markers for use with other makes of terminals	C.48
	WAD MultiCard – connector markers for terminal and endbrackets	C.74
	ELS MultiCard – inlay tags	C.80
	Wire and cable markers	C.84
	SF/SFR MultiCard – open wire and cable markers	C.88
	SFX MultiCard – cable markers with cable tie feed-through	C.90
	SFC MultiCard – clip technology for wires and cables	C.92
	TM-I MultiCard – inlay tags	C.94
	ELS MultiCard – inlay tags	C.96
	MetalliCard – individual processing	C.98
	Markers for devices and installations	C.102
	DMC MultiCard – equipment identification via wire and cables	C.106
	ESG MultiCard – cross-manufacturer equipment identification	C.108
	SM MultiCard – marker system for control and signalling devices	C.132
	CC MultiCard – identification of electrical installations and switchgear	C.142
	MetalliCard – individual processing	C.152

Gain a competitive edge with innovative technology

Our leading system for fully automatic terminal strip marking



Robust marking

The Klippon® Automated RailLaser labels the markers directly. In this way, even the highest requirements for wipe and scratch resistance are met. The high-resolution quality ensures sharp contours and good legibility – even with the smallest markings.



Matching assortment

Based on Weidmüller's standard markers, the Klippon® Connect A-Series offers a suitably matched portfolio of pre-assembled markers. This enables the full saving potential of the Klippon® Automated RailLaser.



Universal labelling options

Due to the innovative laser technology, no special markers are required for the Klippon® Automated RailLaser. In addition to the pre-loaded white markers, the markers from Weidmüller's standard portfolio with their wide range of colors and materials can also be used.



Highest performance

Innovative technologies as well as a high-quality laser source ensure fast and precise marking results on a wide variety of materials. With time savings of up to 90 %, labeling terminal strips reaches the next level of efficient marking.



Highest flexibility

Due to the universal mounting rail holder which can be equipped with up to three mounting rails simultaneously and the laser direct marking technology, it is possible to very precisely mark terminal blocks and other mounting rail components – even with complex geometries. TS35 mounting rails can be marked from 100 to 1,200 mm in length, from 7.5 to 15 mm in height, and with a total weight of up to 15 kilograms.



Reliable quality

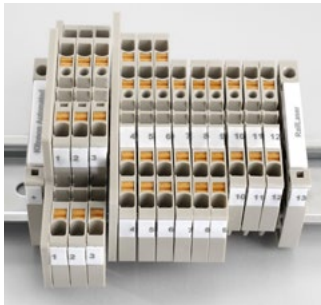
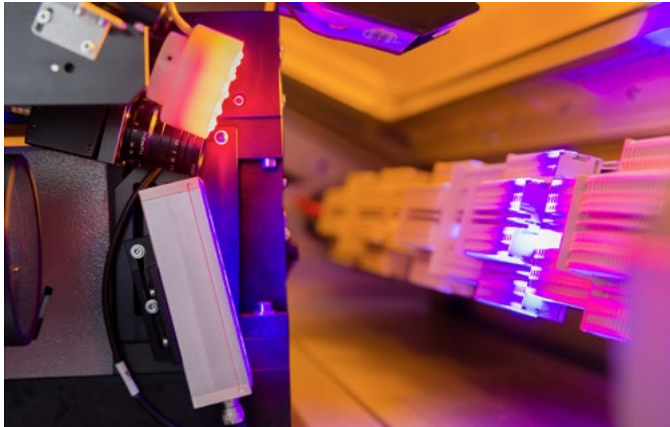
Due to the integration of the Weidmüller Configurator (WMC), planning data from eCAD programs can be used continuously. Error potentials are minimised because manual production steps and image processing in the machine are eliminated.

Highest precision and quality

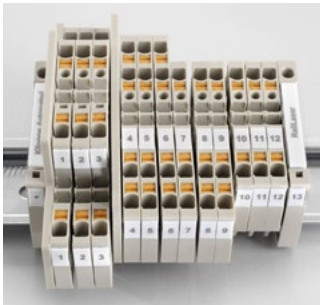
Integrated image processing system for safe handling

The core of the Klippon® Automated RailLaser is an image processing system that is used to measure the terminal strips before the marking process. It determines the actual position of each marker, compares it with the theoretical position from the digital model and carries out the corresponding corrections fully automatically. This ensures a perfect marking result even in case of position deviations – e.g. because of thermal expansion of the components or inaccurate clamp position due to manual assembly.

The following illustrations show the advantage of labelling using the image processing system of the Klippon® Automated RailLaser: The system ensures first-class marking results in various applications and guarantees a high-quality appearance of the terminal strip in the finished control cabinet.



Marking result without image processing system



Marking result with image processing system

Technical data

Supply voltage
Dimensions (W × H × D)
Installation area (W × D)
Weight
Interfaces
Marker type
Software
Laser wavelength
Laser class according to EN60825-1
Operation door
Mounting rail adapter

400 V AC / 32 A
2.260 x 1.350 x 1.200 mm
3.860 x 2.000 mm
1.200 kg
USB, Ethernet, Suction
MultiCard on terminal block
Weidmüller Configurator WMC
355 nm
Class 1
Opening/closing motorised
100 - 1.200 mm

Ordering data

Type	Order No.
RAILLASER	2705010000

More technical details and further labelling systems can be found online (eshop.weidmueller.com)

Colour coding, only with PrintJet CONNECT

Relevant standards specify the need for colour coding in order to clearly identify different components, such as wires or push buttons. Coloured markings can be applied accurately and securely with the PrintJet inkjet printer from Weidmüller, which has a highly superior colour-printing capability.

C

The marking of components, sub-assemblies, devices, wires and connectors within your electrical system means that you will have clear identification throughout its entire life cycle. As a result, service and maintenance work is made significantly easier and potential faults can be quickly located and immediately eliminated.

Clear identification of electrical equipment and systems is obligatory, as defined in relevant standards such as DIN EN 60204-1, entitled "Safety of machinery - Electrical equipment of machines - Part 1: General requirements". To ensure that the markings have the best visibility, these and other standards recommend colour coding, in most cases.

Fast and accurate recognition of warning and hazard information through colour coding

In contrast to black and white printing, colour coding enables faster and more accurate recognition of the type of information that the marking is in place to convey. This is of particular significance when it applies to warning and hazard information. For example, due to its colour symbolism, the colour red indicates: "Warning – there is a possible hazard here". Accordingly, DIN EN 60204-1 states that "the colour RED [...] shall be used for EMERGENCY STOP and EMERGENCY OFF controls". Other colours, such as yellow, blue or green, are specified for various other

conditions. In addition to the compulsory colour coding, the standard recommends "identifying push buttons in the vicinity of the control panel, or preferably directly on the control panel, with [corresponding] symbols [...]" to prevent any confusion.

"Wherever colours are used to identify wires, use of the colour throughout the length of the wire is recommended, either through the colour of the insulation or through coloured markings at regular intervals, at the ends, or in accessible locations." (DIN EN 60204-1). Again, defined colours are specified for certain types of conductor in this case, e.g. green/yellow for PE wires or light blue for neutral wires.

High definition and in colour

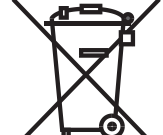
In these cases, where colour coding is required, you will benefit from the unique characteristics of our PrintJet CONNECT inkjet printer which delivers high-definition, colour printing of texts, frames, lines, graphics, barcodes, serial numbers and photos. The major advantage is that only white markers are needed. They can be printed with any number of different inks, without having to use individual matte colours. M-Print® PRO, our software for printing and ordering labels and markers, can be used to fully customise each marker before printing it with the PrintJet CONNECT printer.



This system requires significantly fewer article numbers than when using colour markers, which are often only available as special orders. The effort involved in ordering and stocking is therefore considerably reduced. This enables standard-compliant coding in a time-saving and cost-efficient manner – for fast and accurate identification.

Overview of particular standards which specify or recommend colour coding:

- **DIN EN 60204-1 (2019-06)** (Safety of machinery – Electrical equipment of machines – Part 1: General requirements)
- **IEC 60445 (2021-07)** (Identification of equipment terminals, conductor terminations and wires)
- **DIN EN 50174-2 (2018-10)** (Information technology – Cabling installation – Part 2: Installation planning and practices inside buildings)



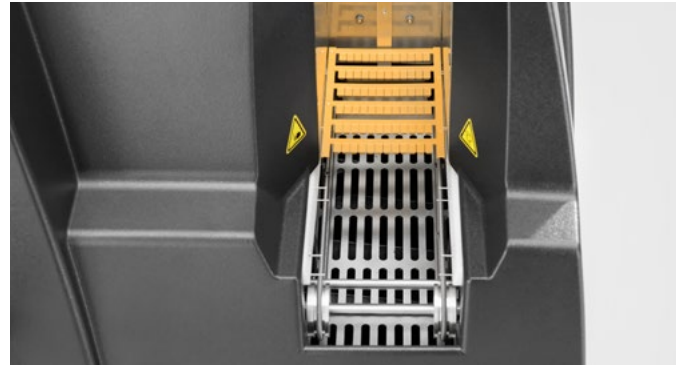
Discover the advantages of the PrintJet CONNECT

Pioneering ideas and solutions for the optimal marking process



Perfect printing results every time

The industrial print head of the PrintJet CONNECT is extremely robust and reliable. It delivers perfect printing results and is distinguished by its extremely long service life.



Economical printing, even for small print runs

The PrintJet CONNECT is also capable of printing half MultiCards. In this way, even really small quantities or corrections can be produced economically and without unnecessary waste.



Perfect print quality even on large markers.

Graphics or full-area printing can be produced in perfect print quality.



Flexible printer positioning and easy access

The new design of the PrintJet CONNECT allows the printer to be flexibly positioned. With each possible layout, easy access for operation and maintenance is ensured thanks to the 7" display that can be rotated by 180°, the large magazines positioned at the front and the large service flap.



Process different markers in one job

The PrintJet CONNECT processes a wide variety of formats in one print job. This means that even with different markers there is no need to change the print media. The magazine and stacker can hold up to 50 MultiCards for one job.



Optimal support during operation

The PrintJet CONNECT provides users with extensive, intuitively comprehensible support in the form of graphics, videos, web and QR codes, as well as links to information on the network. All the information can be easily selected and called up via the 7" touch display, which means that even employees who rarely use the printer can quickly learn how to operate it.



Low-maintenance design of the printer



Printing of more than 2 MultiCards per minute



Automatic calibration of the MultiCard



Dispenser magazine



PrintJet CONNECT – the new state-of-the-art printer

Technical details that will impress you

C

Perfectly centred prints without manual adjustment

The PrintJet CONNECT automatically adjusts itself to the size tolerances of the print media and therefore enables the print to be perfectly centred on each marker. Because MultiCard mats can minutely expand in case of highly fluctuating humidity, a sensor in the printer determines the exact size of the card and corrects the print values so that all the markers are printed evenly.

Fast handling of large volumes

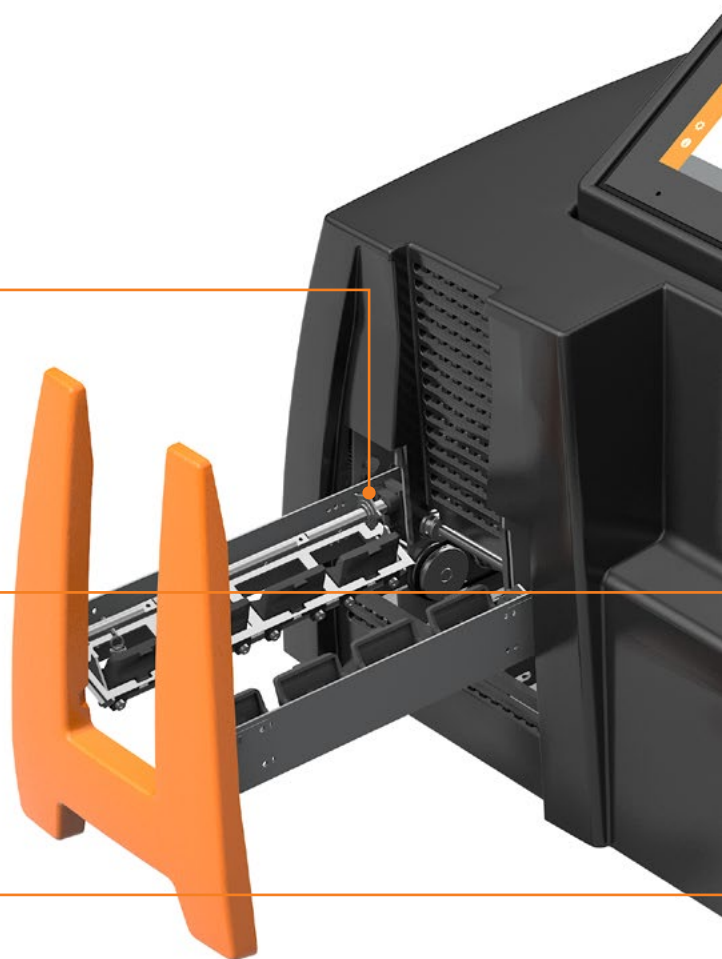
Printing of large volumes is made easier by the fast printing speed and the large dispenser magazine. The PrintJet CONNECT prints more than 2 MultiCards per minute and has a large dispenser magazine with automatic stacking function for up to 50 cards.

Reliable even after extended storage

The print head of the PrintJet CONNECT can be quickly made ready for use again even after an extended storage period. Before placing it in storage, the ink cartridges are replaced with fluid cartridges that protect the print head from drying out.

Standardise processes through high output

Thanks to its fast printing speed, the PrintJet CONNECT is also suitable for printing large quantities of markers. For example, up to 26,000 DEK 5/5 terminal markers, 10,000 TM-I wire markers or 5,000 ESG device markers can be printed per hour. The high throughput makes it possible to concentrate print jobs on one printer and therefore standardise processes.



Up to
26,000
terminal markers
per hour



Benefit from optimal IT security

The printer's integrated IPC works with the proven WIN 10 IoT operating system, which enables the installation of security updates that are provided by Weidmüller on a regular basis.

Optimal service support

The comprehensive documentation function of the PrintJet CONNECT creates informative log files, enabling service technicians to provide targeted support both on site and during remote maintenance. This way, your printer remains ready for use on site at any time, whenever it is needed.

Optimal maintenance support

The printer records and stores all operationally-relevant parameters such as power supply, ink consumption, service life, humidity and room temperature etc., and promptly warns users in the event of errors and abnormal deviations. Corresponding messages are shown on the display of the PrintJet CONNECT via the M-Print® PRO software or are sent by email.

PrintJet CONNECT

The networked high-performance printer for efficient and high-quality markings

Your direct connection to the optimal marking process

The PrintJet CONNECT is the consistent further development of our tried-and-tested PrintJet series. Focusing on the modern needs of industry and panel building, it combines maximum process and cost efficiency with intelligent networking and complete data consistency. For example, you can use existing data directly in the marking process – for working more efficiently and with a minimal error rate. The PrintJet CONNECT is part of the Weidmüller marking system consisting of software, markers and printers. It has an extremely durable industrial print head and has been specially optimised for fast working speed and high throughput.

Your advantages at a glance:

- Perfect printing results every time
- Fast handling of large volumes
- High level of automation thanks to magazine capacity of 50 MultiCards
- Durable and robust markers thanks to thermal fixing
- User-friendly operation thanks to intuitive touch display
- Flexible connection possibilities
- Simple function monitoring on the device

Technical data

	Description	
Intended use	Printing Weidmüller MultiCards and MetalliCards	
Technology	Inkjet procedure with integrated thermal fixing unit	
Feed	Automatic magazine for max. 30 MultiCards Individual feed for MetalliCards and MultiCards	
Removal	Automatic dispenser magazine for up to 50 MultiCards	
Fuses	10 ATH 240/120 V	
Application site	Office conditions	
Ambient temperature	10 °C – 35 °C 0 °F – 95 °F	
Dimensions	Length including output rail:	approx. 1.133 mm (44,60")
	Length not including output rail:	approx. 930 mm (36,60")
	Width:	590 mm (23,20")
	Height:	454 mm (17,90")
Weight	63 kg with packaging	
	38 kg without packaging	
Ink system	Colour system – black, cyan, magenta, yellow	
Included in delivery	• PrintJet CONNECT • Mains cable • LAN cable • USB cable • WIFI stick	• one MultiCard DEK 5/5 • DVD with M-Print® PRO software • Quick start guide • Operating manual • Ink set PJ CON INK SET • 2 PrintJet cleaner cloths
The ink cartridges are not installed in the printer.		



The new 7" touch colour display with a multitude of new functions ensures optimal operation.



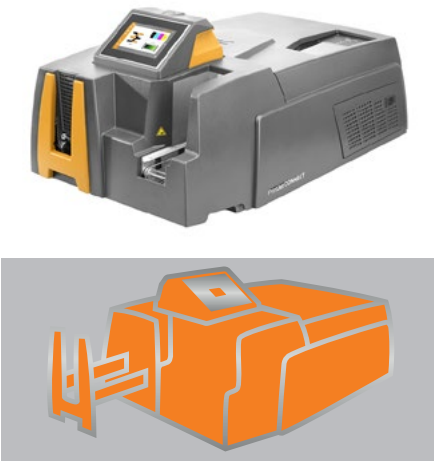
Whether LAN, WLAN or USB: the PrintJet CONNECT offers a wide connectivity spectrum.



High magazine capacity for loading and dispensing of up to 50 MultiCards.

Ink-jet printer

PrintJet CONNECT



Technical data

EAN	4064675016922
Depth	930 mm
Width	590 mm
Height	454 mm
Net weight	43693 GRM
Printing method	Ink jet technology
Printer driver / Operating system	Windows 8, Windows 8.1, Windows 10, Windows 11
Printing speed	Depends on printing quality
Print resolution, max.	1200 DPI
Marker type	Multicard, MetalliCard
Interface	USB, LAN, Wi-Fi
Fueling system	Ink cartridge, CMYK
Supply voltage	230 V AC / 16 A, 115 V AC / 20 A
Software	M-Print® PRO
Note	

Ordering data

Type	Qty.	Order No.
PRINTJET CONNECT	1	2715590000
Note		

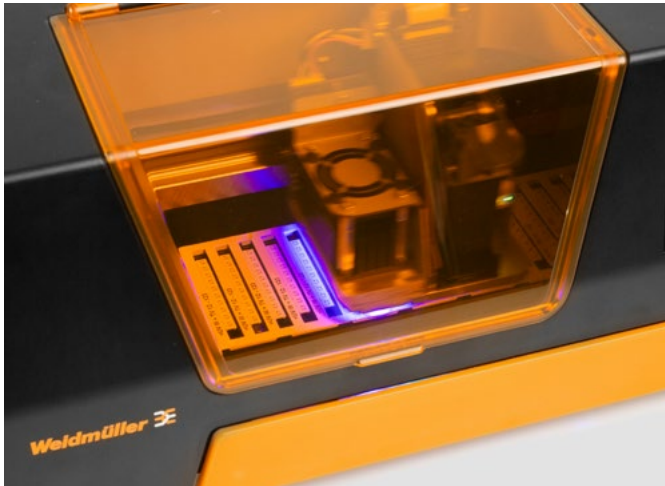
Accessories

Software	Type	Qty.	Order No.
PrintJet CONNECT	M-PRINT PRO	1	1905490000
Ink set	PJ CON INK SET	1	2715600000
Cyan ink	PJ CON INK C	1	2715610000
Magenta ink	PJ CON INK M	1	2715620000
Yellow ink	PJ CON INK Y	1	2715630000
Black ink	PJ CON INK K	1	2715640000
Fluid set	PJ CON FLUID SET	1	2715650000
Ink collecting tray	PJ CON WASTE PAD	1	2715660000
Textile cover	PJ ADV TEXTILE COVER	1	2592960000
WiFi Stick	PJ CON WIFI STICK	1	2715680000
PrintJet Cleaning cloth	PRINTJET CLEANER	100	2449710000
PrintJet Cleaner 25 ml	PRINTJET CLEANER 25ML	1	2912780000
PrintJet ADVANCED			
Ink collecting tray	PJ ADV TNAW	1	1338710000
Cyan ink	PJ ADV TNTK INK C	1	1338680000
Magenta ink	PJ ADV TNTK INK M	1	1338670000
Yellow ink	PJ ADV TNTK INK Y	1	1338650000
Black ink	PJ ADV TNTK INK K	1	1338690000
Ink set	PJ ADV TNTK INK SET	1	1338720000
Note			

The new PrintJet MINI

The compact industrial printer for flexible and professional control cabinet labeling

C



UV-curing ink for wipe- and scratch-resistant markings



Projects can also be executed on the go via USB stick and temporary memory.



Black printing at 600 dpi resolution – ideal for detailed labeling



Processing of full and half MultiCard cards, down to individual marker segments and thus single markers.



Information such as ink consumption or device status is displayed via the 5-inch touch display.



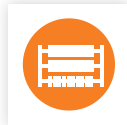
The PrintJet MINI is small, lightweight, and optionally available with a practical transport case.



The PrintJet MINI is not only compact and lightweight, but also suitable for mobile use.



Supports full and half MultiCards as well as individual marker segments.



The ink cartridge with integrated print head allows for easy cleaning with a simple wipe and can be completely replaced, including the ink, when needed.



PrintJet MINI

Your compact industrial printer for professional marking solutions

As a cabinet manufacturer, system planner, or technician, you know how crucial precise and durable labeling is for optimizing processes and ensuring clarity within control cabinet infrastructure. With the PrintJet MINI – the compact industrial printer from Weidmüller – you're choosing a smart solution that boosts your efficiency and is perfectly tailored to your needs.

The PrintJet MINI is small, lightweight, and optionally available with a practical transport case. This mobility makes it the ideal choice for on-site service operations or changing work environments. Thanks to its well-thought-out design, it's easy to transport and can be used flexibly – wherever reliable control cabinet labeling is required.

Your Benefits at a Glance:

- UV-curing ink for wipe- and scratch-resistant markings
- Black printing at 600 dpi resolution – ideal for detailed labeling
- Grayscale printing capability
- Efficient printing of a MultiCard in just 90 seconds
- Supports full and half MultiCards as well as individual marker segments
- Low-maintenance components and robust technology

Technical data

	Beschreibung
Intended use	Printing Weidmüller MultiCards
Technology	Inkjet printing process with integrated UV light curing unit
Feed	Manual, full card or individual segment
Removal	Manual, full card or individual segment
Application site	Office conditions
Ambient temperature	10 °C – 35 °C 0 °F – 95 °F
Dimensions	Length: 540 mm Width: 330 mm Height: 190 mm
Weight	13 kg with packaging 8.5 kg without packaging
Ink system	Cartridge including print head, color: black
Included in delivery	• PrintJet MINI • one MultiCard DEK 5/5 • Desktop power supply, fixed voltage 24 V/DC 3.75 A 90 W • Ink cartridge including cleaning cloth • Mains cable • Downloadable instructions for manual, quick guide, and M-Print® PRO labeling software • USB cable • LAN cable
	The ink cartridge is not installed in the printer.



PrintJet MINI



The 5" color touch display provides instant access to all relevant information at any time.



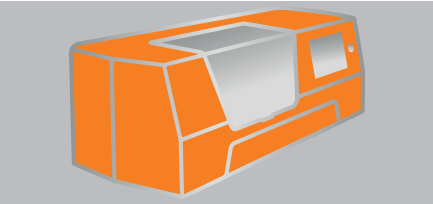
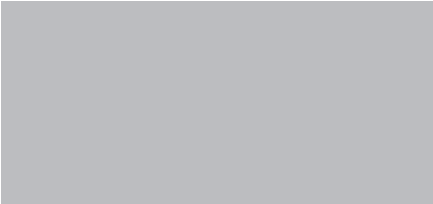
Labeling of full and half MultiCard cards, as well as individual marker segments and markers.



Inkjet technology with UV-curing ink for wipe- and scratch-resistant labeling.

Ink-jet printer

PrintJet MINI



Technical data

EAN	4099987019071
Depth	540 mm
Width	330 mm
Height	190 mm
Net weight	8500 GRM
Printing method	Ink jet technology
Printer driver / Operating system	Windows 8, Windows 8.1, Windows 10, Windows 11
Printing speed	Up to 1.5 MultiCards per minute
Print resolution, max.	600 DPI
Marker type	Multicard
Interface	USB, LAN
Fueling system	Ink cartridge
Supply voltage	230 V AC / 16 A, 115 V AC / 20 A
Software	M-Print® PRO
Note	

Ordering data

Type	Qty.	Order No.
PRINTJET MINI	1	3049980000
Note		

Accessories

Type	Qty.	Order No.
PJM INK SW	1	3062650000
PJM WASTE PAD	1	3062640000
M-PRINT PRO	1	1905490000
Black ink		
Ink collecting tray		
Software		
Note		

Reasons to choose MultiCard

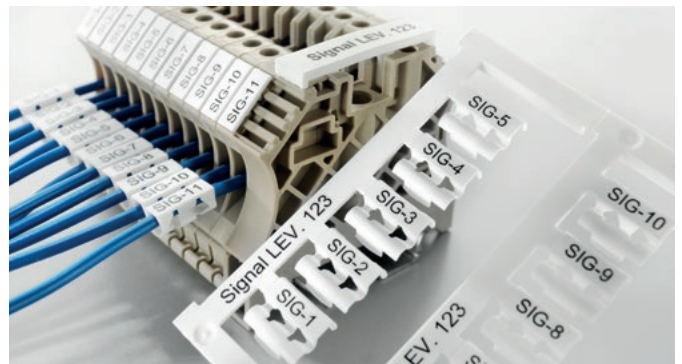
The perfect marking solution for every application

The complete, user-friendly marker range to meet all your needs.

From the planning phase of a marking project to final assembly, the MultiCard range has over 270 markers to meet all application levels and identification processes. Thanks to the excellent compatibility of the system components, you can always find the right solution for your connector, conductor, cable or device markings, even when it comes to more complex electrical cabinet systems. When a MultiCard marker is designed, the user is the focal point. All the mounting options and processes are therefore included in the design of the system elements. You can also keep an overview and act in a timely fashion due to the information on the project description areas and using the storage option in the circuit diagram folder. The exceptionally smudge-resistant and intense colour printing means that you can achieve maximum efficiency in diverse areas of application.



Using PrintJet CONNECT, you can print your markers with non-fading four-colour print – customised with graphics, company logos, warning notices and much more.



The project marker surface is the place for assembly relevant information, which enables you to quickly identify the correct installation location.



MultiCard markers are halogen-free and resistant to many chemicals. Their high-quality design means that they are suitable for the most demanding applications areas, such as transportation and building technology.



Terminal markers

Our range of terminal markers enables you to accomplish virtually any labelling task, on any conductor connector. Whether this involves multi-digit labelling, ready-to-use markers with standard print or customised labelling, white or colour markers or group designations at the clamping points – our comprehensive product portfolio is the easy, quick and clear answer to every marking task.

C

ZS + WAD

The ZS markers were specially designed for the Z-series, their functionality stands out thanks to a time-saving folding mechanism: without removing the markers, cross-connectors are still easily accessible. The WAD marker is the preferred choice for marking group functions.



Tag carrier

Available to you for every solution, is a suitable tag carrier that is tailored according to your needs and matched to the MultiCard product line.

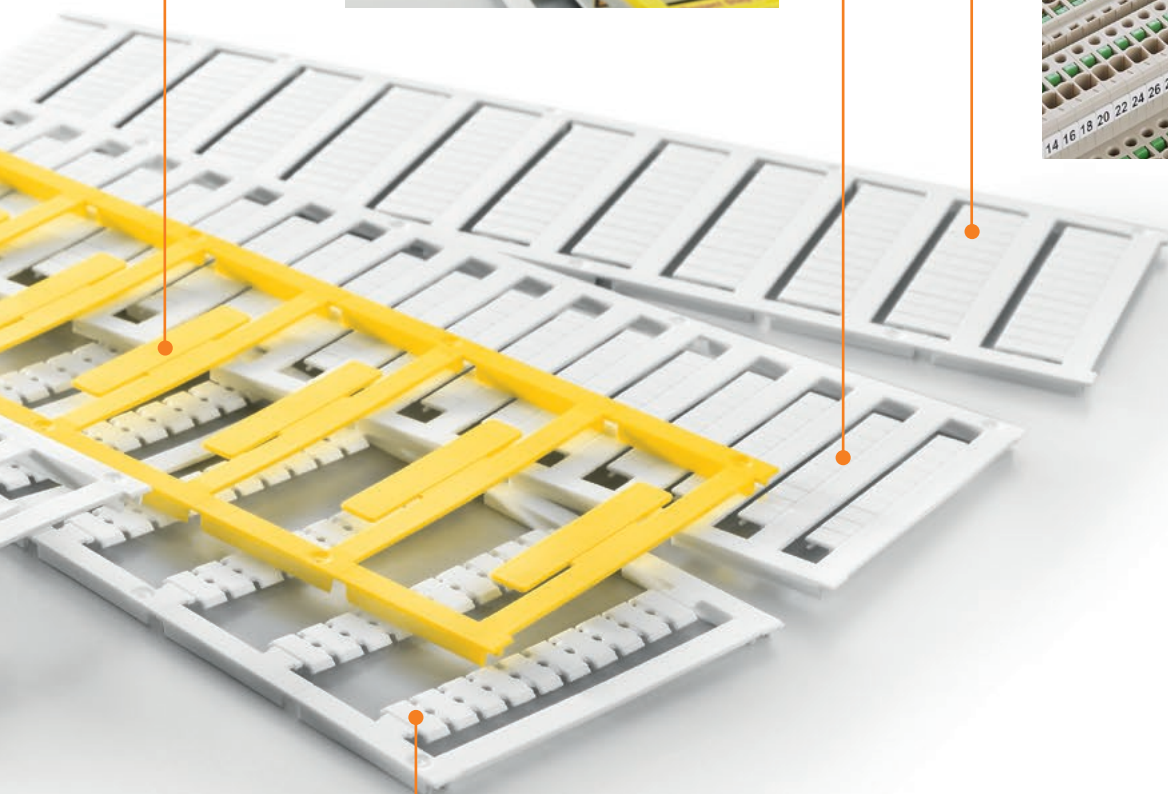


ELS

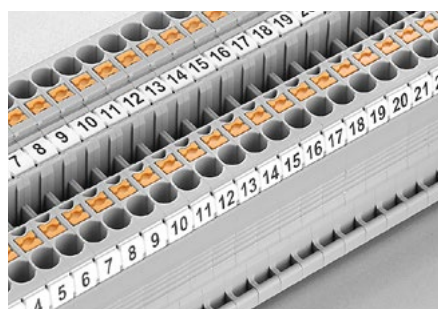
Optimally designed for use in WKM cable markers or SchT 5-type tag carriers, the ELS tags meet the highest requirements where prominent identification of cables and terminal strips is needed.

**Dekafix + WS**

Conductor and plug-in connectors, as well as electronic assemblies, can be identified quickly and easily with the Dekafix and WS markers.

**MultiFit**

For manufacturer-independent marking of components, we have developed the adaptable MultiFit marker range. The MF 5/12 MC connector marker, for example, is suitable for identifying the flat channel of the 12 mm wide modular terminals from Phoenix Contact.

**PrintJet CONNECT and PrintJet MINI**

The PrintJet CONNECT and PrintJet MINI are ideal for all markers from the MultiCard family. Both printers deliver brilliant print results with high durability, ensuring reliable and professional marking.



Terminal markers for the universal range for Klippon® Connect

The tables on the following pages show which markers fit the various terminal series. The terminal pitch governs the selection of a marker. For example, a WDU 2.5 terminal has a pitch of 5 mm, the WS 12/5 marker is 12 mm long and suitable for a 5 mm pitch.

Whole blocks of terminals can be marked as a strip. When a terminal with a larger pitch has to be marked (e.g. WDU 16), a smaller marker (e.g. WS 12/5) can be clipped onto it. Most of the markers are compatible with each other.

The two traditional marker series, DEK and WS, are available as ready-to-use markers. Users can print these for themselves using our Multicards.

MultiCards can be printed on, using the innovative PrintJet CONNECT printing systems in conjunction with our M-Print® PRO software.

To see a small selection of our markers, order a bag of samples, order No. **1646670000**.



A comprehensive overview of Weidmüller terminal blocks can be found in our detailed selection table. Simply scan the QR code or use the following short link to access the table directly:

www.weidmueller.com/SelectionTableTerminals

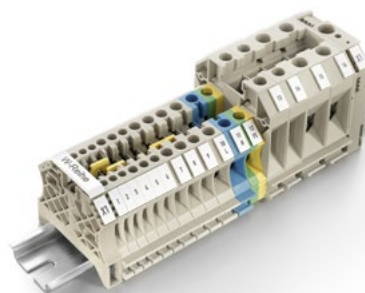
S series



A series



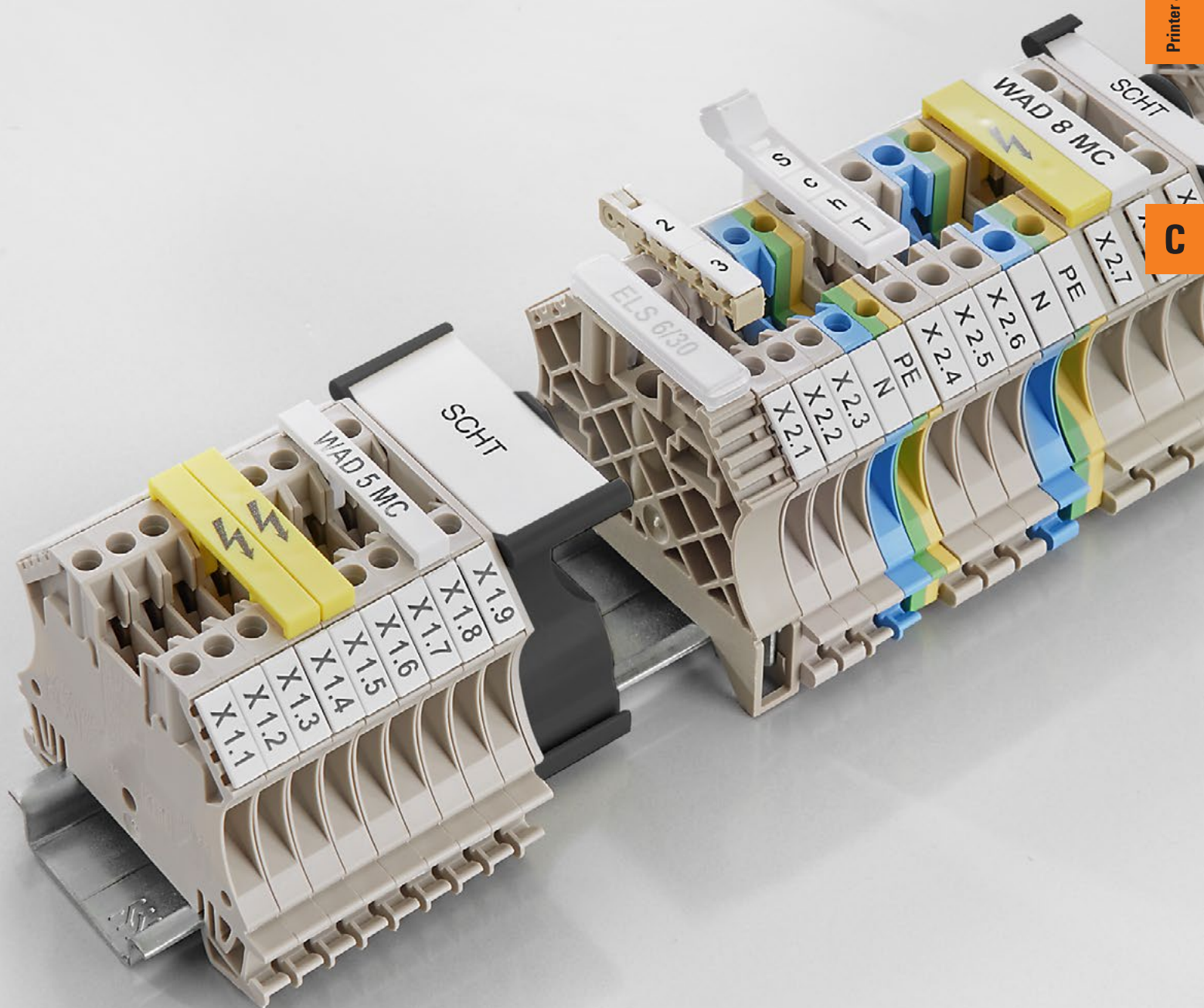
W series



Z series



Owing to the sheer number of possible applications and environmental influences such as moisture, radiation, gases or heat/cold to which the products can be exposed, Weidmüller accepts no liability for the suitability of products in all customer applications. Suitability tests for specific applications must therefore be carried out by the customer. However, Weidmüller will be happy to provide help and advice upon request. Due to the different identification system available on the market, we wish to point out that Weidmüller does not guarantee industrial identification products if the Weidmüller components (markers – transparent sleeves – ink/toner/colour ink ribbons – printing systems) are combined with third-party products, unless Weidmüller has explicitly agreed for the purpose of an individual application.



DEK – Dekafix MultiCard

Universal basics for marking connectors

Fast installation, individually or combined

Cable and plug-in connectors as well as electronics modules can be quickly and easily marked using Dekafix markers. Intended for short number strings, strip installation is completed in a single step.



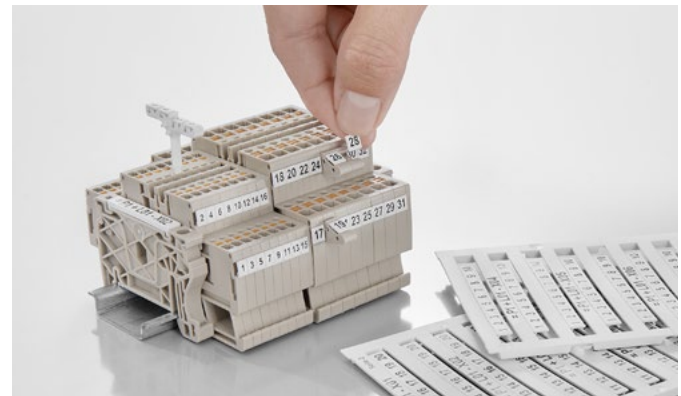
PrintJet CONNECT



PrintJet MINI

Dekafix - the benefits to you

- Universal: can be used for sequences of numbers of different lengths and multi-line labelling
- The best orientation: simple assignment thanks to additional information on the project marking surface
- Easy to install: simple snap-on feature for individual or multiple signs
- High contrast: the best printed image and easy to read



You have a project marking surface on the MultiCard format for additional information which makes assignment during assembly much simpler.



As an option it is also available without the project marking surface: the plus-series versions come in whole strips for particularly fast assembly.



Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C

Ordering data

Colour	International colour code colours, not contained in the range, are available on request.
Special printing	Specify special printing and colours per using the M-Print® PRO software.
Printing	Black or colour
Possible printing systems	PrintJet CONNECT, PrintJet MINI, PrintJet ADVANCED
Notes on mounting	Mount in strips when the marker pitch (width) corresponds to the pitch of the terminals. For example, DEK 5 mm pitch for terminals with 5 mm pitch such as the WDU 2.5. Mount individual markers when the terminal pitch is larger than the marker pitch (width). For example, DEK 6.5 mount individually on WDU 6 terminals.
Minimum order quantity	1 pack = 5 cards

Dekafix MultiCard

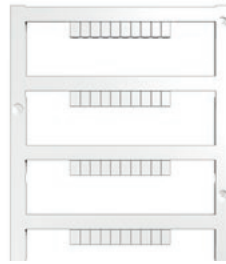
DEK 5/3.5

3.5 mm

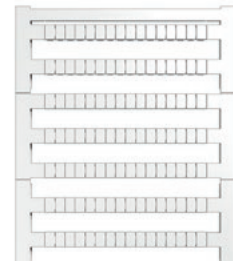
DEK 5/3.5 PLUS

3.5 mm

Terminal marker



Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
3.5 mm
5 mm

Polyamide 66
V-2
-40 °C...100 °C
3.5 mm
5 mm

Ordering data

MultiCard Blank	
white	
blue	
grey	
green	
yellow	
red	
orange	
MultiCard custom printing	
To customer specification	
Note	

Type	Qty.	Order No.
DEK 5/3.5 MC NE WS	500	1755270000
DEK 5/3.5 MC SDR	100	1767730000
Please send M-Print PRO file		

Type	Qty.	Order No.
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
DEK 5/3.5 PLUS MC SDR	320	2007790000
Please send M-Print PRO file		

Technical drawing / application



Dekafix MultiCard

DEK 5/5

5 mm

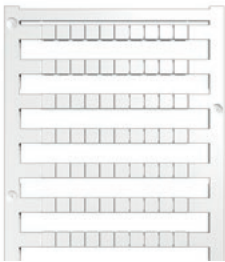
DEK 5/5 PLUS

5 mm

Terminal marker



Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
5 mm
5 mm

Polyamide 66
V-2
-40 °C...100 °C
5 mm
5 mm

Ordering data

MultiCard Blank	
white	○
blue	●
grey	●
green	●
yellow	●
red	●
orange	●
MultiCard custom printing	
To customer specification	
Note	

Type	Qty.	Order No.
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MC NE BL	1000	1609801693
DEK 5/5 MC NE GR	1000	1609801691
DEK 5/5 MC NE GN	1000	1609801688
DEK 5/5 MC NE GE	1000	1609801687
DEK 5/5 MC NE RT	1000	1609801686
DEK 5/5 MC NE OR	1000	1238340000
DEK 5/5 MC SDR	200	1609810000
Please send M-Print PRO file		

Type	Qty.	Order No.
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 PLUS MC NE GE	1000	1907520000
DEK 5/5 PLUS MC SDR	200	1854500000
Please send M-Print PRO file		

Technical drawing / application



Dekafix MultiCard

DEK 5/5 S

5 mm

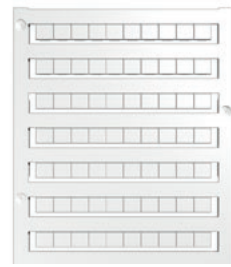
Terminal marker



DEK 5/6

6 mm

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)

Polyamide 66
V-2
-40 °C...100 °C

Polyamide 66
V-2
-40 °C...100 °C

Width
Height

5 mm
5 mm

6 mm
5 mm

Note

Ordering data

MultiCard Blank

white
blue
grey
green
yellow
red
orange



Type Qty. Order No.

DEK 5/5 S MC NE WS 400 1341620000

Type Qty. Order No.

DEK 5/6 MC NE WS 1000 1609820000

MultiCard custom printing

To customer specification

DEK 5/5 S MC SDR 80 1341590000

DEK 5/6 MC SDR 200 1609830000

Note

Please send M-Print PRO file

Please send M-Print PRO file

Technical drawing / application



Dekafix MultiCard

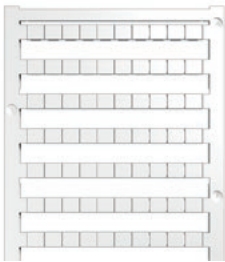
DEK 5/6 PLUS

6 mm

DEK 5/6.5

6.5 mm

Terminal marker



Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
6 mm
5 mm

Polyamide 66
V-2
-40 °C...100 °C
6.5 mm
5 mm

Ordering data

MultiCard Blank
white
blue
grey
green
yellow
red
orange
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/6 PLUS MC SDR	200	1038650000
Please send M-Print PRO file		

Type	Qty.	Order No.
DEK 5/6.5 MC NE WS	900	1609840000
DEK 5/6.5 MC SDR	180	1609850000
Please send M-Print PRO file		

Technical drawing / application

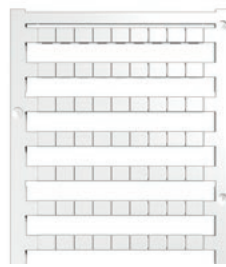


Dekafix MultiCard

DEK 5/6.5 PLUS

6.5 mm

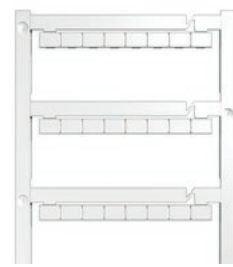
Terminal marker



DEK 5/7.5

7.5 mm

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
6.5 mm
5 mm

Polyamide 66
V-2
-40 °C...100 °C
7.5 mm
5 mm

Ordering data

MultiCard Blank	
white	○
blue	●
grey	●
green	●
yellow	●
red	●
orange	●
MultiCard custom printing	
To customer specification	
Note	

Type	Qty.	Order No.
DEK 5/6.5 PLUS MC NE WS	900	1046340000
DEK 5/6.5 PLUS MC NE GE	900	1364020000
DEK 5/6.5 PLUS MC SDR	180	1046360000
Please send M-Print PRO file		

Type	Qty.	Order No.
DEK 5/7.5 MC NE WS	320	1720620000
DEK 5/7.5 MC SDR	64	1770490000
Please send M-Print PRO file		

Technical drawing / application



Dekafix MultiCard

DEK 5/8

8 mm

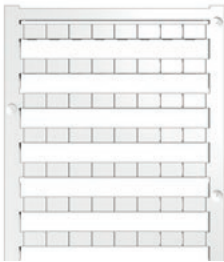
DEK 5/8 PLUS

8 mm

Terminal marker



Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
8 mm
5 mm

Polyamide 66
V-2
-40 °C...100 °C
8 mm
5 mm

Ordering data

MultiCard Blank
white
blue
grey
green
yellow
red
orange
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
DEK 5/8 MC NE WS	800	1856740000
DEK 5/8 MC SDR	160	1856750000
Please send M-Print PRO file		

Type	Qty.	Order No.
DEK 5/8 PLUS MC NE WS	800	1046350000
DEK 5/8 PLUS MC SDR	160	1046370000
Please send M-Print PRO file		

Technical drawing / application



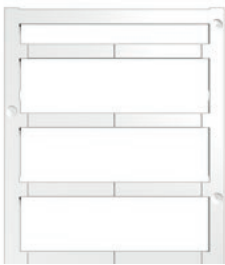
Dekafix MultiCard

DEK 5/8-11.58 mm

DEK 5/3030 mm

Terminal marker

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
8 mm
5 mm

Polyamide 66
V-2
-40 °C...100 °C
30 mm
5 mm

Ordering data

Width	Colour
MultiCard Blank	
8 mm	white
MultiCard custom printing	
8 mm	To customer specification
Note	

Type	Qty.	Order No.
DEK 5/8-11.5 MC NE WS	500	1341630000
DEK 5/8-11.5 MC SDR	100	1341610000

Type	Qty.	Order No.
DEK 5/30 MC NE WS	100	1951920000
DEK 5/30 MC SDR	20	1025680000

Technical drawing / application



WS MultiCard

Custom design for long character strings

Fast installation, individually or combined

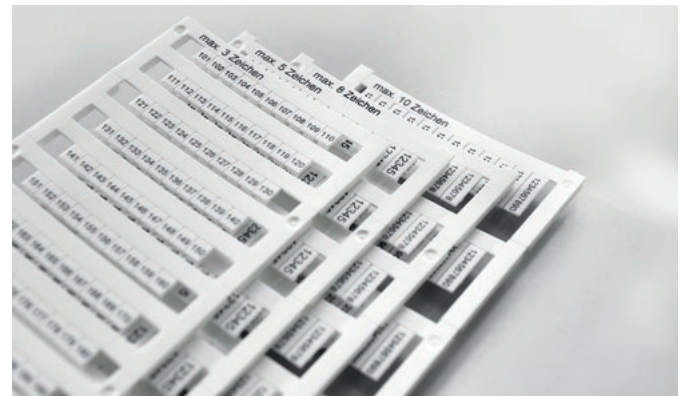
Specifically for the W-series cable connectors, the WS markers were developed. There is enough space on the printing area for long and individual character strings, even for multi-line layouts. The fact that the WS signs are system compatible means that you can use them also for the complete universal range Klippon® Connect. The MultiCard format means that the WS marker can be labelled with the PrintJet CONNECT and the PrintJet MINI inkjet printer.



PrintJet CONNECT



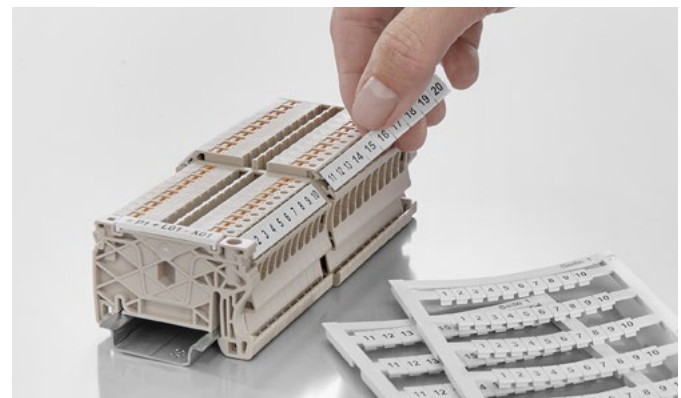
PrintJet MINI



Between 3 to 10 characters which are easy to read fit on the WS markers in various lengths.

WS markers – the benefits to you

- Universal: can be used for sequences of numbers of different lengths and multi-line labelling
- The best orientation: simple assignment thanks to additional information on the project marking surface
- Easy to install: simple snap-on feature for individual or multiple signs
- High contrast: the best printed image and easy to read



As an option it is also available without the project marking surface: the plus series versions come in whole strips for particularly fast assembly.



Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C

Ordering data

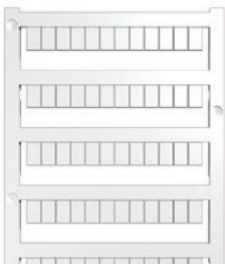
Colour	International colour code colours, not contained in the range, are available on request.
Special printing	Specify special printing and colours per using the M-Print® PRO software.
Printing	Black or colour
Possible printing systems	PrintJet CONNECT, PrintJet MINI, PrintJet ADVANCED
Minimum order quantity	1 pack = 5 cards

WS MultiCard

WS 8/5

5 mm

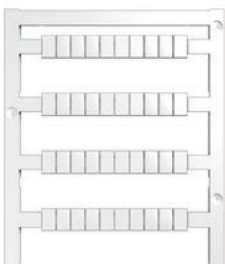
Terminal marker



WS 8/5 PLUS

5 mm

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
5 mm
8 mm

Polyamide 66
V-2
-40 °C...100 °C
5 mm
8 mm

Ordering data

MultiCard Blank	
white	○
blue	●
yellow	●
orange	●
red	●
green	●
brown	●
violet	●
grey	●
MultiCard custom printing	
To customer specification	
Note	

Type	Qty.	Order No.
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MC NE BL	720	1773521693
WS 8/5 MC NE GE	720	1773521687
WS 8/5 MC NE OR	720	1773521690
WS 8/5 MC NE RT	720	1773521686
WS 8/5 MC SDR	144	1640750000
Please send M-Print PRO file		

Type	Qty.	Order No.
WS 8/5 PLUS MC NE WS	600	1951870000
WS 8/5 PLUS MC SDR	120	1038790000
Please send M-Print PRO file		

Technical drawing / application



WS MultiCard

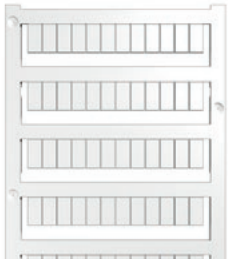
WS 10/5

5 mm

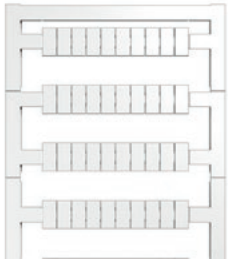
WS 10/5 PLUS

5 mm

Terminal marker



Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)

Width
Height

Note

Polyamide 66
V-2
-40 °C...100 °C

5 mm
10 mm

Polyamide 66
V-2
-40 °C...100 °C

5 mm
10 mm

Ordering data

MultiCard Blank

white
blue
yellow
orange
red
green
brown
violet
grey



MultiCard custom printing

To customer specification

Note

Type	Qty.	Order No.
WS 10/5 MC NE WS	720	1635000000
WS 10/5 MC NE BL	720	1773531693
WS 10/5 MC NE GE	720	1773531687
WS 10/5 MC NE RT	720	1773531686
WS 10/5 MC SDR	144	1635010000
Please send M-Print PRO file		

Type	Qty.	Order No.
WS 10/5 PLUS MC NE WS	600	1046380000
WS 10/5 PLUS MC SDR	120	1046320000
Please send M-Print PRO file		

Technical drawing / application



5 mm

Terminal marker



5 mm
10 mm

WS 10/5 M PLUS MC SDR	120	2007770000
Please send M-Print PRO file		

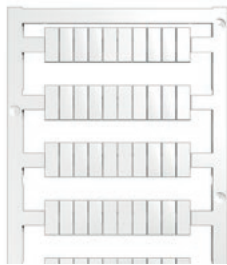
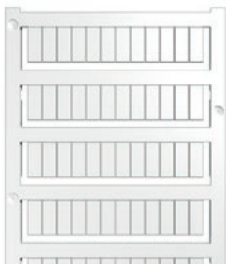
WS MultiCard

WS 12/5 5 mm

WS 12/5 PLUS 5 mm

Terminal marker

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
5 mm
12 mm

Polyamide 66
V-2
-40 °C...100 °C
5 mm
12 mm

Ordering data

MultiCard Blank	
white	○
blue	●
yellow	●
orange	●
red	●
green	●
brown	●
violet	●
grey	●
MultiCard custom printing	
To customer specification	
Note	

Type	Qty.	Order No.
WS 12/5 MC NE WS	720	1609860000
WS 12/5 MC NE GE	720	1773541687
WS 12/5 MC NE OR	720	1773541690
WS 12/5 MC NE RT	720	1773541686
WS 12/5 MC SDR	144	1609870000
Please send M-Print PRO file		

Type	Qty.	Order No.
WS 12/5 PLUS MC NE WS	600	1927510000
WS 12/5 PLUS MC SDR	120	1927520000
Please send M-Print PRO file		

Technical drawing / application



5 mm



Note

Please send M-Print PRO file

6 mm

Terminal marker



Note

6 mm
10 mm

Note

Please send M-Print PRO file

Please send M-Print PRO file

WS MultiCard

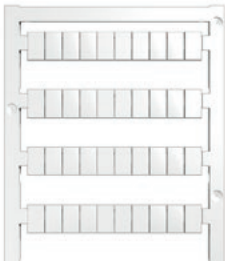
WS 10/6 PLUS

6 mm

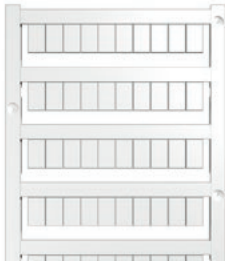
WS 10/6 M

6 mm

Terminal marker



Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)

Width
Height

Note

Polyamide 66
V-2
-40 °C...100 °C

6 mm
10 mm

Polyamide 66
V-2
-40 °C...100 °C

6 mm
10 mm

Ordering data

MultiCard Blank

white
blue
yellow
orange
red
green
brown
violet
grey



MultiCard custom printing

To customer specification

Note

Type	Qty.	Order No.
WS 10/6 PLUS MC NE WS	600	1046390000

WS 10/6 PLUS MC SDR	120	1046330000
Please send M-Print PRO file		

Type	Qty.	Order No.
WS 10/6 M MC NE WS	600	1818400000
WS 10/6 MC M NE BL	600	1069080000
WS 10/6 MC M NE GE	600	1917430000
WS 10/6 MC M NE RT	600	1917440000
WS 10/6 MC M NE GN	600	1917420000

WS 10/6 MC M SDR	120	1818410000
Please send M-Print PRO file		

Technical drawing / application



WS MultiCard

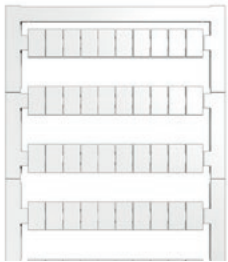
WS 10/6 M PLUS

6 mm

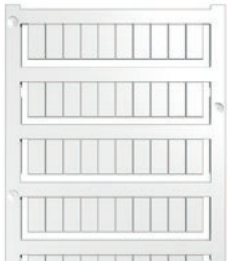
WS 12/6

6 mm

Terminal marker



Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
6 mm
10 mm

Polyamide 66
V-2
-40 °C...100 °C
6 mm
12 mm

Ordering data

MultiCard Blank	
white	○
blue	●
yellow	●
orange	●
red	●
green	●
brown	●
violet	●
grey	●
MultiCard custom printing	
To customer specification	
Note	

Type	Qty.	Order No.
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 10/6 M PLUS MC SDR	120	2007780000
Please send M-Print PRO file		

Type	Qty.	Order No.
WS 12/6 MC NE WS	600	1609900000
WS 12/6 MC NE BL	600	1773551693
WS 12/6 MC NE GE	600	1773551687
WS 12/6 MC NE OR	600	1773551690
WS 12/6 MC NE RT	600	1773551686
WS 12/6 MC NE BR	600	1773551692
WS 12/6 MC NE VI	600	1773551689
WS 12/6 MC SDR	120	1609910000
Please send M-Print PRO file		

Technical drawing / application



6.5 mm



8 mm

Terminal marker



Note

8 mm
12 mm

Note

[illegible]

WS MultiCard

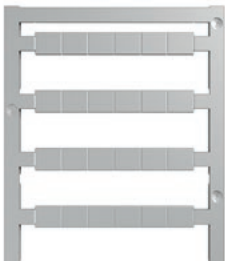
WS 7.8/9.2 PLUS

9.2 mm

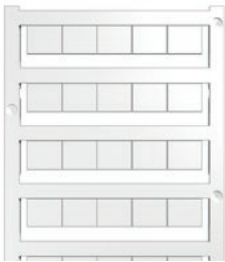
WS 10/12

12 mm

Terminal marker



Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
9.2 mm
7.8 mm

Polyamide 66
V-2
-40 °C...100 °C
12 mm
10 mm

Ordering data

MultiCard Blank
white
blue
yellow
orange
red
green
brown
violet
grey
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
WS 7.8/9.2 PLUS MC NE GR	360	1208970000
WS 7.8/9.2 PLUS MC SDR	72	1270640000
For Weidmüller PRV. Please send M-Print PRO file		

Type	Qty.	Order No.
WS 10/12 MC NE WS	300	1905970000
WS 10/12 MC SDR	60	1906060000
Please send M-Print PRO file		

Technical drawing / application



WS MultiCard

WS 10/1515 mm

Terminal marker



Technical data

Basic material	Polyamide 66
Fire class acc. to UL 94	V-2
Ambient temperature (operational)	-40 °C...100 °C
Width	15 mm
Height	10 mm
Note	

Ordering data

MultiCard Blank		Type	Qty.	Order No.
white	○	WS 10/15 MC NE WS	240	1854090000
blue	●			
yellow	●			
orange	●			
red	●			
green	●			
brown	●			
violet	●			
grey	●			
MultiCard custom printing				
To customer specification		WS 10/15 MC SDR	48	1854100000
Note		Please send M-Print PRO file		

Technical drawing / application



ZS MultiCard

Amazing functionality thanks to time-saving folding mechanism

An extensive marking area and distinct handling advantages

The ZS markers were specially designed for the Z-series, their functionality stands out thanks to a time-saving folding mechanism: without removing the markers, cross-connectors are still easily accessible. This is an advantage in terms of handling when it comes to quick exchanges or fast assembly. Fitted with the proven snap-on system, individual signs or whole strips can be fitted in the fastest possible time; their large marking surface means that they provide absolutely legible labelling.

ZS – the benefits to you

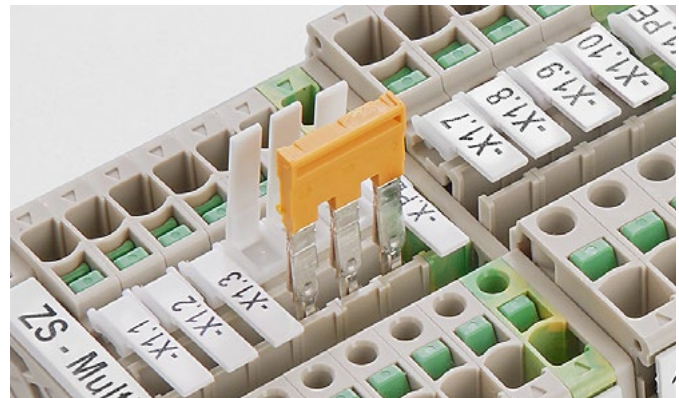
- Intelligent: foldable hinges for the best possible assembly process with cross-connectors
- Optimised: large labelling surfaces give you the best overview
- Application-specific: tried-and-tested MultiCard format markers



PrintJet CONNECT



PrintJet MINI



Foldable hinges for easy assembly of cross-connectors; shield lengths of up to 15 mm for long series of characters.



Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C

Ordering data

Colour	International colour code colours, not contained in the range, are available on request.
Special printing	Specify special printing and colours per using the M-Print® PRO software.
Printing	Black or colour
Possible printing systems	PrintJet CONNECT, PrintJet MINI, PrintJet ADVANCED
Minimum order quantity	1 pack = 5 cards

ZS MultiCard

ZS 10/5

5 mm

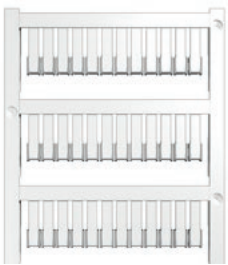
ZS 15/5

5 mm

Terminal marker



Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
5 mm
10 mm

Polyamide 66
V-2
-40 °C...100 °C
5 mm
15 mm

Ordering data

MultiCard Blank	
white	○
MultiCard custom printing	
To customer specification	
Note	

Type	Qty.	Order No.
ZS 10/5 MC NE WS	480	1610000000
ZS 10/5 MC SDR	96	1610010000
Please send M-Print PRO file		

Type	Qty.	Order No.
ZS 15/5 MC NE WS	480	1646630000
ZS 15/5 MC SDR	96	1646640000
Please send M-Print PRO file		

Technical drawing / application



ZS MultiCard – markers for Z series modular terminals

ZS MultiCard

ZS 12/6

6 mm

ZS 30/5

5 mm

Terminal marker



Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
6 mm
12 mm

PA 66
V-2
-40 °C...100 °C
5 mm
30 mm

Ordering data

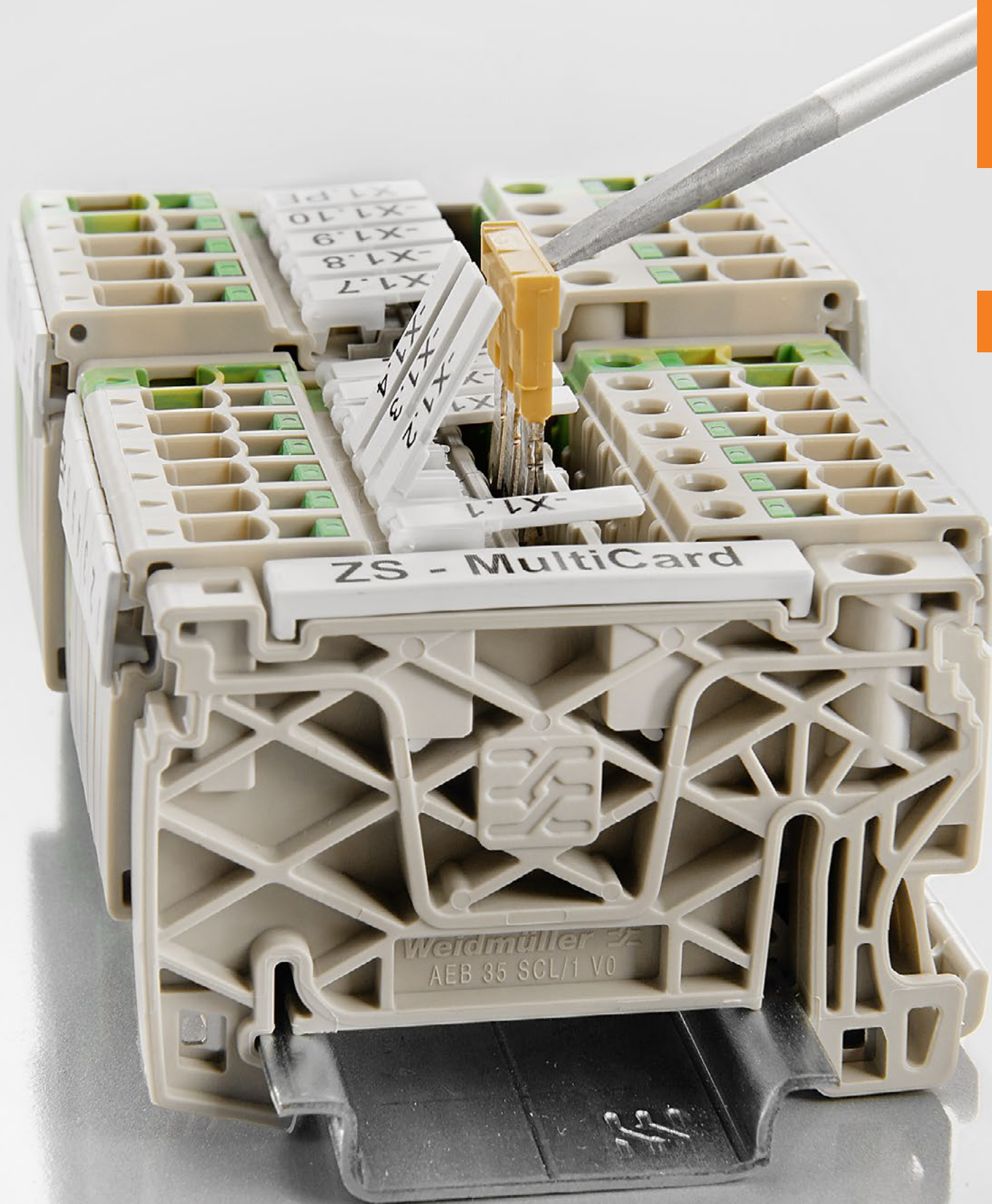
MultiCard Blank
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
ZS 12/6 MC NE WS	400	1610020000
ZS 12/6 MC SDR	80	1610030000
Please send M-Print PRO file		

Type	Qty.	Order No.
ZS 30/5 MC NE WS	200	2681880000
ZS 30/5 MC SDR	40	2682070000
Please send M-Print PRO file		

Technical drawing / application





MF – MultiFit MultiCard

For manufacturer-independent marking

The adaptable range of markers

For manufacturer-independent marking of components, we have developed the adaptable MultiFit marker range. Without having to give up the highly professional printing you get with Weidmüller's marking system, you can use the other manufacturer's components that you are used to, if you wish, and combine them with Weidmüller's MultiFit markers. Designed for the clamping devices of different vendors, these markers fit seamlessly into your marking tasks and solve your desired labelling jobs admirably. MultiFit markers are suitable for components made by the following manufacturers: Allen-Bradley, Beckhoff, Cabur, Entelec, Festo, Legrand, Murrelektronik, Phoenix Contact, Siemens, Telemecanique, Wago, Wieland and Woertz.

MultiFit – the benefits to you

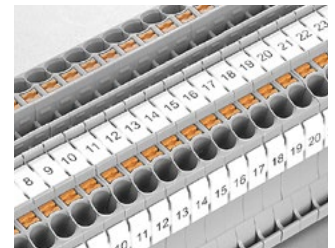
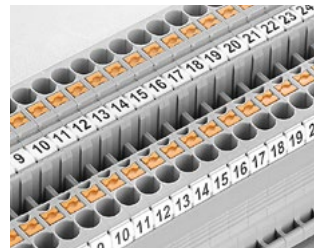
- In line with market requirements: for components from 14 of the best-known manufacturers.
- Can be integrated: suitable for a variety of terminals
- High-quality printing using Weidmüller's marking system



PrintJet CONNECT



PrintJet MINI



Manufacturer-independent marking: almost complete coverage of all major components on the market.



A MultiFit sample box contains all the variants of the markers and helps you when planning the application by giving you the option of checking MultiFit markers to be used against your chosen components. Order No. 1166330000



Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C

Ordering data

Colour	International colour code colours, not contained in the range, are available on request.
Special printing	Specify special printing and colours per using the M-Print® PRO software.
Printing	Black or colour
Possible printing systems	PrintJet CONNECT, PrintJet MINI, PrintJet ADVANCED
Minimum order quantity	1 pack = 5 cards



A comprehensive overview of terminal blocks from various manufacturers can be found in our detailed selection table. Simply scan the QR code or use the following short link to access the table directly:

www.weidmueller.com/SelectionTableMarkers

Application options

				
	MF 5/3.5 MF 5/4 MF 5/5 MF 5/6 MF 5/10 MF 5/12	MF-W 5/5 Mini	MF-W 9/4 MF-W 9/5 MF-W 9/6	MF-W 9/5 F MF-W 9/4.2 F MF-W 9/5.2 F MF-W 9/6.2 F
Wago		● Similar to the WagoMini WSB Type 248-...264-...	● Similar to the Wago WSB Type 209-...249-...	● Similar to the Wago WMB Type 793-...794-... For Wago Tob Job S
Phoenix	●			
Wieland				
Legrand		●	●	●
Entrelec		●		
Télémecanique				

				
	MF 8/5 MF 10/5 MF 12/5 MF 10/6	MF 10/8 MF 10/10	MF 4/5.2	MF 5/7.5
Wago	●			
Phoenix	●	● ZB 8 ZB 10	● BN-ZB 5.2	● BN-ZB 7.5
Wieland	●			
Legrand	●			
Entrelec	●	●		
Télémecanique	●			
Adels RKW				● BZ 14

					
	MF 10/5 CABUR MF 12/5 CABUR	MF-SI	MF-WO	MFF	MF-ABB 12/5 MF-ABB 12/6 MF-ABB 12/8
Siemens		●			
Woertz			●		
Festo				●	
Cabur	● Cabur				
ABB					● ZS4... ZS6... ZS8... SNK Series

● = OK
(Please select the marker according to the width of the terminal)

Please note:

The recommended applications given above do not release the user from his obligation to check the applicability in each individual application. The marker/terminal combination should, in each case, be chosen in such a way, that either the marker pitch matches the terminal pitch, or the marker pitch is smaller than the terminal pitch.

MF MultiCard – markers for use with other makes of terminals

MF MultiCard

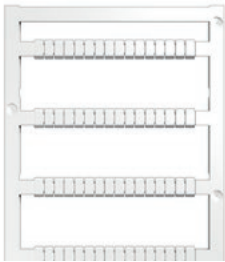
MF 5/3.5

3.5 mm

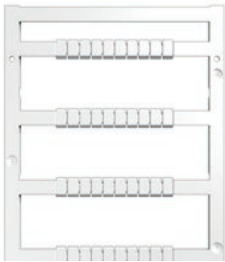
MF 5/4

4 mm

Terminal marker



Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
Phoenix
3.5 mm
5 mm

Polyamide 66
V-2
-40 °C...100 °C
Phoenix
4 mm
5 mm

Ordering data

MultiCard Blank
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
MF 5/3.5 MC NE WS	800	1521010000
MF 5/3.5 MC SDR	160	1525840000
Please send M-Print PRO file		

Type	Qty.	Order No.
MF 5/4 MC NE WS	500	1877690000
MF 5/4 MC SDR	100	1877670000
Please send M-Print PRO file		

Technical drawing / application



MF MultiCard

MF 5/55 mm

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
Phoenix
5 mm
5 mm

Ordering data

MultiCard Blank
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
MF 5/5 MC NE WS	500	1816250000
MF 5/5 MC SDR	100	1816320000
Please send M-Print PRO file		

Technical drawing / application



MF MultiCard – markers for use with other makes of terminals

MF MultiCard

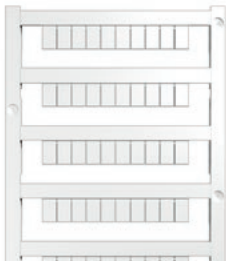
MF 8/5

5 mm

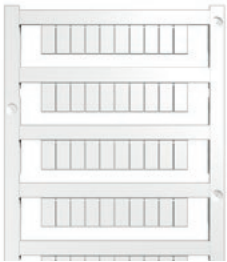
MF 10/5

5 mm

Terminal marker



Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
Phoenix, Wieland, Legrand, Telemecanique, Entelec, WAGO
5 mm
8 mm

Polyamide 66
V-2
-40 °C...100 °C
Phoenix, Wieland, Legrand, Telemecanique, Entelec
5 mm
10 mm

Ordering data

MultiCard Blank
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
MF 8/5 MC NE WS	600	1677140000
MF 8/5 MC SDR	120	1677150000
Please send M-Print PRO file		

Type	Qty.	Order No.
MF 10/5 MC NE WS	600	1677160000
MF 10/5 MC SDR	120	1677170000
Please send M-Print PRO file		

Technical drawing / application



MF MultiCard

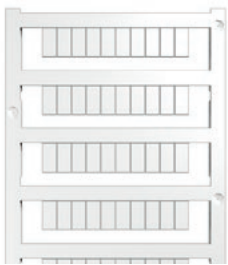
MF 10/5 CABUR

5 mm

MF 12/5

5 mm

Terminal marker



Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
Cabur
5 mm
10 mm

Polyamide 66
V-2
-40 °C...100 °C
Phoenix, Wieland, Legrand, Telemecanique, Entelec, WAGO
5 mm
12 mm

Ordering data

MultiCard Blank
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
MF 10/5 CABUR MC NE WS	600	1854510000
MF 10/5 MC CABUR SDR	120	1038660000
Please send M-Print PRO file		

Type	Qty.	Order No.
MF 12/5 MC NE WS	600	1677180000
MF 12/5 MC SDR	120	1677190000
Please send M-Print PRO file		

Technical drawing / application



MF MultiCard – markers for use with other makes of terminals

MF MultiCard

MF 12/5 CABUR

5 mm

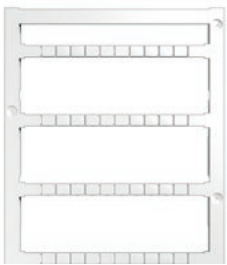
Terminal marker



MF 4/5.2

5.2 mm

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
Cabur
5 mm
12 mm

Polyamide 66
V-2
-40 °C...100 °C
Phoenix
5.2 mm
4 mm

Ordering data

MultiCard Blank
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
MF 12/5 CABUR MC NE WS	600	1854520000
MF 12/5 MC CABUR SDR	120	1038670000
Please send M-Print PRO file		

Type	Qty.	Order No.
MF 4/5.2 MC NE WS	500	1907530000
MF 4/5.2 MC SDR	100	1038690000
Please send M-Print PRO file		

Technical drawing / application



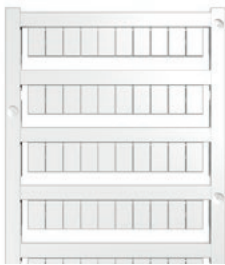
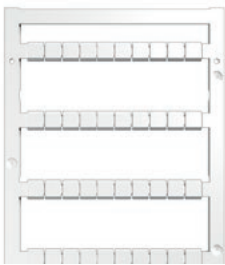
MF MultiCard

MF 5/66 mm

MF 10/66 mm

Terminal marker

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
Phoenix
6 mm
5 mm

Polyamide 66
V-2
-40 °C...100 °C
Phoenix, Wieland, Legrand, Telemecanique, Entelec
6 mm
10 mm

Ordering data

MultiCard Blank
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
MF 5/6 MC NE WS	500	1816260000
MF 5/6 MC SDR	100	1816330000
Please send M-Print PRO file		

Type	Qty.	Order No.
MF 10/6 MC NE WS	600	1677220000
MF 10/6 MC SDR	120	1677230000
Please send M-Print PRO file		

Technical drawing / application



MF MultiCard – markers for use with other makes of terminals

MF MultiCard

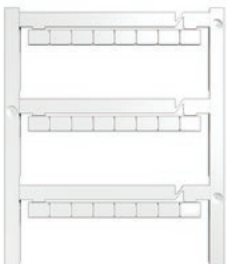
MF 5/7.5

7.5 mm

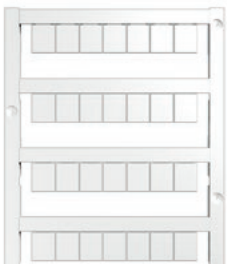
MF 10/8

8 mm

Terminal marker



Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
Adels RKW, Phoenix
7.5 mm
5 mm

Polyamide 66
V-2
-40 °C...100 °C
Phoenix, Entrelec
8 mm
10 mm

Ordering data

MultiCard Blank
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
MF 5/7.5 MC NE WS	320	1877680000
MF 5/7.5 MC SDR	64	1877660000
Please send M-Print PRO file		

Type	Qty.	Order No.
MF 10/8 MC NE WS	350	1868440000
MF 10/8 MC SDR	70	1868430000
Please send M-Print PRO file		

Technical drawing / application



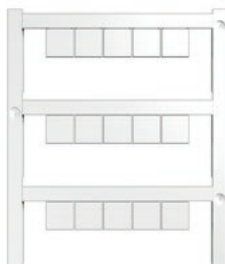
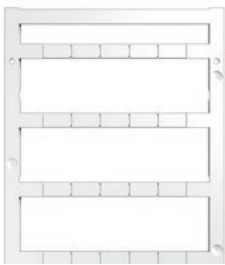
MF MultiCard

MF 5/1010 mm

MF 10/1010 mm

Terminal marker

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
Phoenix
10 mm
5 mm

Polyamide 66
V-2
-40 °C...100 °C
Phoenix, Entrelec
10 mm
10 mm

Ordering data

MultiCard Blank
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
MF 5/10 MC NE WS	250	1954050000
MF 5/10 MC SDR	50	1038730000
Please send M-Print PRO file		

Type	Qty.	Order No.
MF 10/10 MC NE WS	200	1856760000
MF 10/10 MC SDR	40	1856770000
Please send M-Print PRO file		

Technical drawing / application



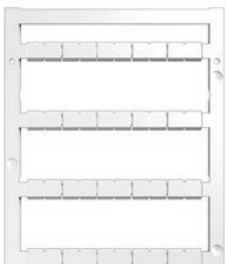
MF MultiCard – markers for use with other makes of terminals

MF MultiCard

MF 5/12

12 mm

Terminal marker



Technical data

Basic material	Polyamide 66
Fire class acc. to UL 94	V-2
Ambient temperature (operational)	-40 °C...100 °C
Application/manufacturer	Phoenix
Width	12 mm
Height	5 mm
Note	

Ordering data

MultiCard Blank	Type	Qty.	Order No.
white	MF 5/12 MC NE WS	250	1250090000
MultiCard custom printing			
To customer specification	MF 5/12 MC SDR	50	1250080000
Note	Please send M-Print PRO file		

Technical drawing / application



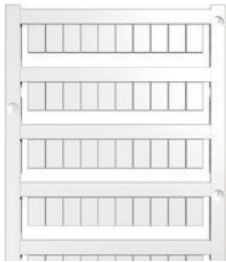
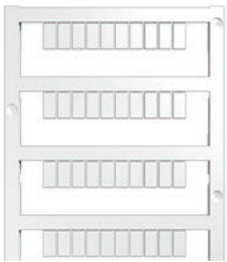
MF MultiCard

MFF 9/4 4 mm

MFF 10/6 6 mm

Terminal marker

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
Festo
4 mm
9 mm

Polyamide 66
V-2
-40 °C...100 °C
Festo
6 mm
10 mm

Ordering data

MultiCard Blank
white
yellow
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
MFF 9/4 MC NE WS	500	1877720000
MFF 9/4 MC SDR	100	1877700000
Please send M-Print PRO file		

Type	Qty.	Order No.
MFF 10/6 MC NE WS	600	1856780000
MFF 10/6 MC NE GE	600	1957340000
MFF 10/6 MC SDR	120	1856790000
Please send M-Print PRO file		

Technical drawing / application



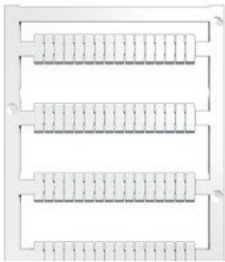
MF MultiCard – markers for use with other makes of terminals

MF MultiCard

MF-W 9/3.5

3.5 mm

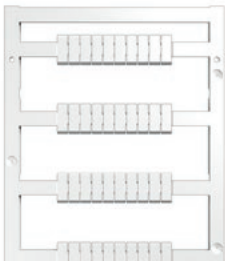
Terminal marker



MF-W 9/4

4 mm

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
WAGO
3.5 mm
9 mm

Polyamide 66
V-2
-40 °C...100 °C
WAGO, Legrand
4 mm
9 mm

Ordering data

MultiCard Blank
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
MF-W 9/3.5F MC NE WS	800	1521040000
MF-W 9/3.5F MC SDR	160	1525830000
Please send M-Print PRO file		

Type	Qty.	Order No.
MF-W 9/4 MC NE WS	500	1877730000
MF-W 9/4 MC SDR	100	1877710000
Please send M-Print PRO file		

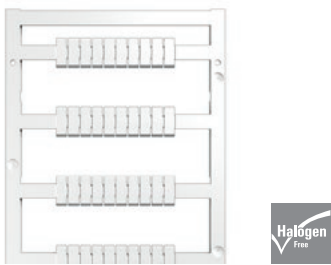
Technical drawing / application



MF MultiCard

MF-W 9/4.2F 4.2 mm

Terminal marker



Technical data

Basic material	Polyamide 66
Fire class acc. to UL 94	V-2
Ambient temperature (operational)	-40 °C...100 °C
Application/manufacturer	WAGO, Legrand
Width	4.2 mm
Height	9 mm
Note	

Ordering data

MultiCard Blank	Type	Qty.	Order No.
white ○	MF-W 9/4.2F MC NE WS	500	1011430000
MultiCard custom printing			
To customer specification	MF-W 9/4.2F MC SDR	100	1038750000
Note	Please send M-Print PRO file		

Technical drawing / application



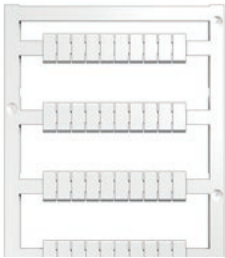
MF MultiCard – markers for use with other makes of terminals

MF MultiCard

MF-W 9/5

5 mm

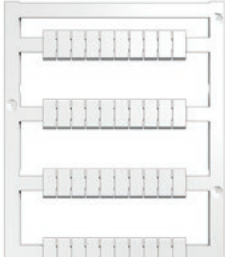
Terminal marker



MF-W 9/5F

5 mm

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
WAGO, Legrand
5 mm
9 mm

Polyamide 66
V-2
-40 °C...100 °C
WAGO, Legrand
5 mm
9 mm

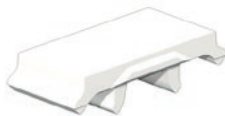
Ordering data

MultiCard Blank
yellow
white
grey
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
MF-W 9/5 MC NE GE	500	1027310000
MF-W 9/5 MC NE WS	500	1816270000
MF-W 9/5 MC SDR	100	1816340000
Please send M-Print PRO file		

Type	Qty.	Order No.
MF-W 9/5F MC NE WS	500	1816280000
MF-W 9/5F MC NE GR	500	1045980000
MF-W 9/5F MC SDR	100	1816350000
Please send M-Print PRO file		

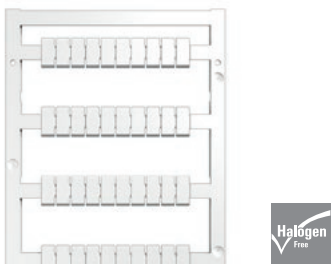
Technical drawing / application



MF MultiCard

MF-W 9/5.2F 5.2 mm

Terminal marker



Technical data

Basic material	Polyamide 66
Fire class acc. to UL 94	V-2
Ambient temperature (operational)	-40 °C...100 °C
Application/manufacturer	WAGO, Legrand
Width	5.2 mm
Height	9 mm
Note	

Ordering data

MultiCard Blank	Type	Qty.	Order No.
white	MF-W 9/5.2F MC NE WS	500	1011410000
MultiCard custom printing			
To customer specification	MF-W 9/5.2F MC SDR	100	1038760000
Note	Please send M-Print PRO file		

Technical drawing / application



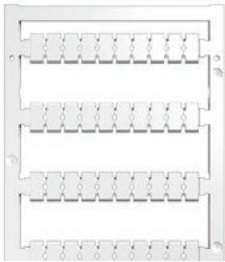
MF MultiCard – markers for use with other makes of terminals

MF MultiCard

MF-W 9/6

6 mm

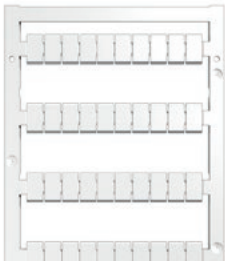
Terminal marker



MF-W 9/6.2F

6.2 mm

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
WAGO, Legrand
6 mm
9 mm

Polyamide 66
V-2
-40 °C...100 °C
WAGO, Legrand
6.2 mm
9 mm

Ordering data

MultiCard Blank
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
MF-W 9/6 MC NE WS	500	1816290000
MF-W 9/6 MC SDR	100	1816360000
Please send M-Print PRO file		

Type	Qty.	Order No.
MF-W 9/6.2F MC NE WS	500	1011420000
MF-W 9/6.2F MC SDR	100	1038770000
Please send M-Print PRO file		

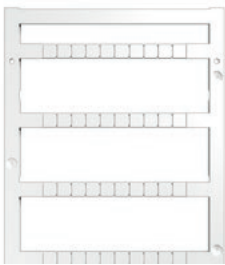
Technical drawing / application



MF MultiCard

MF-W 5/5 Mini5 mm

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
WAGO, Legrand, Entelec
5 mm
5 mm

Ordering data

MultiCard Blank
blue
yellow
green
red
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
MF-W 5/5 MINI MC NE BL	500	1924270000
MF-W 5/5 MINI MC NE GE	500	1924280000
MF-W 5/5 MINI MC NE GN	500	1924290000
MF-W 5/5 MINI MC NE RT	500	1924260000
MF-W 5/5 MINI MC NE WS	500	1816240000
MF-W 5/5 MINI MC SDR	100	1816310000
Please send M-Print PRO file		

Technical drawing / application



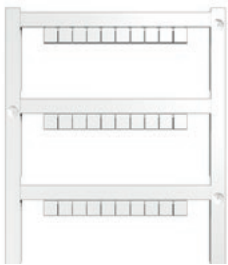
MF MultiCard – markers for use with other makes of terminals

MF MultiCard

MF-WO 5/5

5 mm

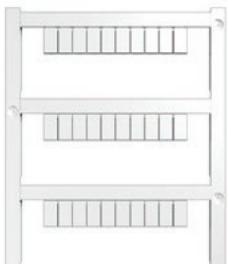
Terminal marker



MF-WO 9/5

5 mm

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)

Polyamide 66
V-2
-40 °C...100 °C

Polyamide 66
V-2
-40 °C...100 °C

Application/manufacturer
Width
Height

Woertz
5 mm
5 mm

Woertz
5 mm
9 mm

Note

Ordering data

MultiCard Blank

white



MultiCard custom printing

To customer specification

Note

Type	Qty.	Order No.
MF-WO 5/5 MC NE WS	400	1716800000
MF-WO 5/5 MC SDR	80	1716810000
Please send M-Print PRO file		

Type	Qty.	Order No.
MF-WO 9/5 MC NE WS	400	1716840000
MF-WO 9/5 MC SDR	80	1716850000
Please send M-Print PRO file		

Technical drawing / application



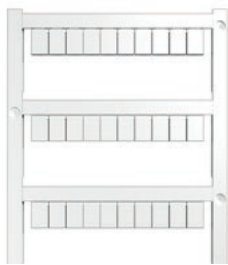
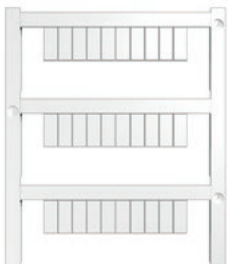
MF MultiCard

MF-WO 12/55 mm

MF-WO 9/66 mm

Terminal marker

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
Woertz
5 mm
12 mm

Polyamide 66
V-2
-40 °C...100 °C
Woertz
6 mm
9 mm

Ordering data

MultiCard Blank
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
MF-WO 12/5 MC NE WS	400	1692270000
MF-WO 12/5 MC SDR	80	1692280000
Please send M-Print PRO file		

Type	Qty.	Order No.
MF-WO 9/6 MC NE WS	400	1716820000
MF-WO 9/6 MC SDR	80	1716830000
Please send M-Print PRO file		

Technical drawing / application

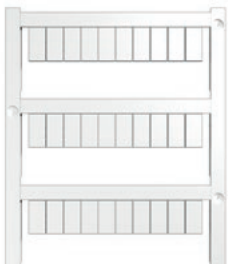


MF MultiCard – markers for use with other makes of terminals

MF MultiCard

MF-WO 12/6 6 mm

Terminal marker



Technical data

Basic material	Polyamide 66
Fire class acc. to UL 94	V-2
Ambient temperature (operational)	-40 °C...100 °C
Application/manufacturer	Woertz
Width	6 mm
Height	12 mm
Note	

Ordering data

MultiCard Blank	Type	Qty.	Order No.
white	MF-WO 12/6 MC NE WS	400	1692290000
MultiCard custom printing			
To customer specification	MF-WO 12/6 MC SDR	80	1692300000
Note	Please send M-Print PRO file		

Technical drawing / application



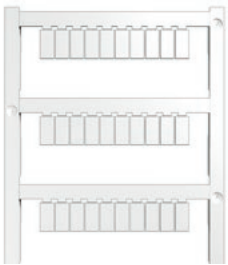
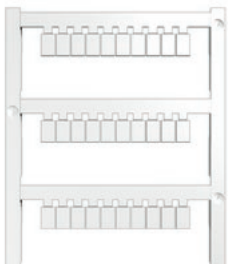
MF MultiCard

MF-SI 8/55 mm

MF-SI 10/55 mm

Terminal marker

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
Siemens
5 mm
8 mm

Polyamide 66
V-2
-40 °C...100 °C
Siemens
5 mm
10 mm

Ordering data

MultiCard Blank
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
MF-SI 8/5 MC NE WS	400	1889180000
MF-SI 8/5 MC SDR	80	1886270000
Please send M-Print PRO file		

Type	Qty.	Order No.
MF-SI 10/5 MC NE WS	400	1889190000
MF-SI 10/5 MC SDR	80	1889170000
Please send M-Print PRO file		

Technical drawing / application



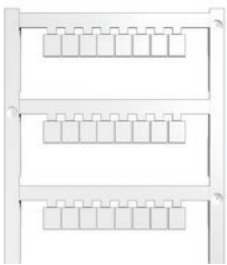
MF MultiCard – markers for use with other makes of terminals

MF MultiCard

MF-SI 8/6

6 mm

Terminal marker



MF-SI 10/6

6 mm

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
Siemens
6 mm
8 mm

Polyamide 66
V-2
-40 °C...100 °C
Siemens
6 mm
10 mm

Ordering data

MultiCard Blank
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
MF-SI 8/6 MC NE WS	320	1889240000
MF-SI 8/6 MC SDR	64	1889230000
Please send M-Print PRO file		

Type	Qty.	Order No.
MF-SI 10/6 MC NE WS	320	1889260000
MF-SI 10/6 MC SDR	64	1889250000
Please send M-Print PRO file		

Technical drawing / application



MF MultiCard

MF-SI 10/5-6.55 mm

MF-SI 7/5-6.55 mm

Terminal marker

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
Siemens
5 mm
10 mm

Polyamide 66
V-2
-40 °C...100 °C
Siemens
5 mm
7 mm

Ordering data

MultiCard Blank
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
MF-SI 10/5-6.5 MC NE WS	320	1889800000
MF-SI 10/5-6.5 MC SDR	64	1889790000
Please send M-Print PRO file		

Type	Qty.	Order No.
MF-SI 7/5-6.5 MC NE WS	320	1889780000
MF-SI 7/5-6.5 MC SDR	64	1889770000
Please send M-Print PRO file		

Technical drawing / application



MF MultiCard – markers for use with other makes of terminals

MF MultiCard

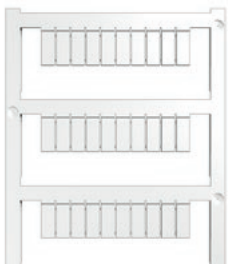
MF-ABB 12/5

5 mm

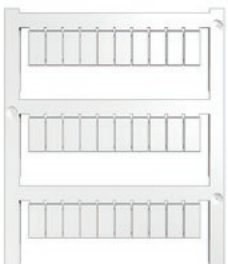
MF-ABB 12/6

6 mm

Terminal marker



Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
ABB SNK series
5 mm
12 mm

Polyamide 66
V-2
-40 °C...100 °C
ABB SNK series
6 mm
12 mm

Ordering data

MultiCard Blank
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
MF-ABB 12/5 MC NE WS	400	2047320000
MF-ABB 12/5 MC SDR	80	2047460000
Please send M-Print PRO file		

Type	Qty.	Order No.
MF-ABB 12/6 MC NE WS	400	2047340000
MF-ABB 12/6 MC SDR	80	2047510000
Please send M-Print PRO file		

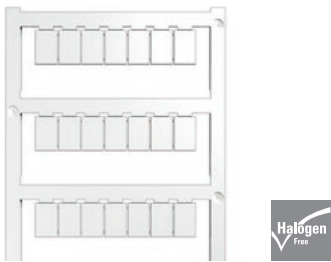
Technical drawing / application



MF MultiCard

MF-ABB 12/8 8 mm

Terminal marker



Technical data

Basic material	Polyamide 66
Fire class acc. to UL 94	V-2
Ambient temperature (operational)	-40 °C...100 °C
Application/manufacturer	ABB SNK series
Width	8 mm
Height	12 mm
Note	

Ordering data

MultiCard Blank	Type	Qty.	Order No.
white	MF-ABB 12/8 MC NE WS	280	2047350000
MultiCard custom printing			
To customer specification	MF-ABB 12/8 MC SDR	56	2047520000
Note	Please send M-Print PRO file		

Technical drawing / application

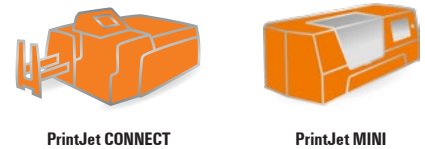


WAD MultiCard

Intelligent solutions for expansive designations

The large surface areas which come with a time-saving folding mechanism

The WAD marker is the preferred choice for marking group functions. Locket to individual terminals, or the end brackets, this marker gives you the largest possible surface for your labelling.

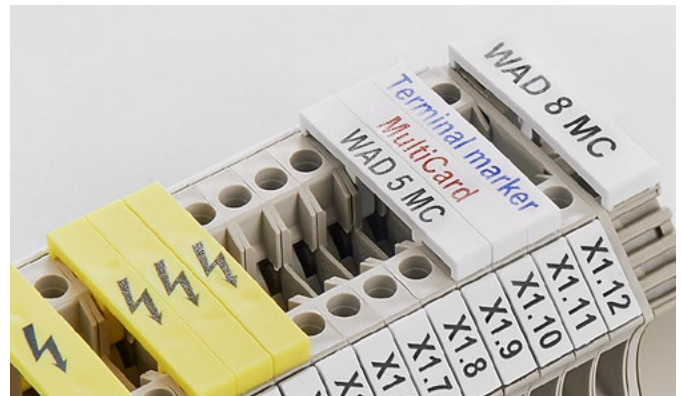


PrintJet CONNECT

PrintJet MINI

WAD – the benefits to you

- WAD marker and cover for the terminals of the W-series and end brackets WEW 35/2 and ZEW 35/2
- Optimised: large labelling surfaces give you the best overview
- Top-quality and resistant printing with PrintJet CONNECT printer



Signalling effect: WAD markers designed with PrintJet CONNECT are ideally suited for eye catching colour coding of terminal strips.



For warning notices: WAD markers are available with lightning bolt symbols in special or standard print.



Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C

Ordering data

Colour	International colour code colours, not contained in the range, are available on request.
Special printing	Specify special printing and colours per using the M-Print® PRO software.
Printing	Black or colour
Possible printing systems	PrintJet CONNECT, PrintJet MINI, PrintJet ADVANCED
Minimum order quantity	1 pack = 5 cards

WAD MultiCard

WAD 5

5 mm

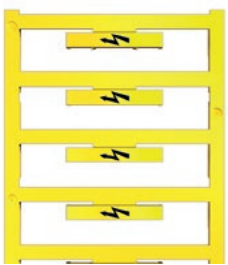
Terminal marker



WAD 5 MC B

5 mm

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)

Application/manufacturer
Width
Height

Note

Polyamide 66
V-2
-40 °C...100 °C
WDU 2.5, WEW 35/2, ZEW 35/2
5 mm
33.3 mm

Polyamide 66
V-2
-40 °C...100 °C
WDU 2.5, WEW 35/2, ZEW 35/2
5 mm
33.3 mm

Ordering data

MultiCard Blank

yellow
white
black/yellow

MultiCard custom printing

To customer specification

Note

Type	Qty.	Order No.
WAD 5 MC NE GE	48	1112920000
WAD 5 MC NE WS	48	1112910000

WAD 5 MC SDR	12	1112930000
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Please send M-Print PRO file

Type	Qty.	Order No.
WAD 5 MC B GE/SW	48	1120450000

Please send M-Print PRO file

Technical drawing / application



WAD MultiCard – markers for terminals and endbrackets

WAD MultiCard

WAD 8

8 mm

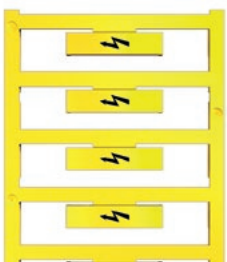
Terminal marker



WAD 8 MC B

8 mm

Terminal marker



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
WDU 4, WEW 35/2, ZEW 35/2
8 mm
33.3 mm

Polyamide 66
V-2
-40 °C...100 °C
WDU 4, WEW 35/2, ZEW 35/2
8 mm
33.3 mm

Ordering data

MultiCard Blank
yellow
white
black/yellow
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
WAD 8 MC NE GE	48	1112950000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC SDR	12	1112970000
Please send M-Print PRO file		

Type	Qty.	Order No.
WAD 8 MC B GE/SW	48	1120470000
Please send M-Print PRO file		

Technical drawing / application



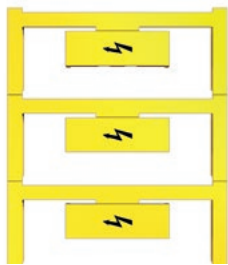
WAD MultiCard

WAD 12

11.9 mm

WAD 12 MC B

11.9 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
WDU 16, WDU 35
11.9 mm
36.2 mm

Polyamide 66
V-2
-40 °C...100 °C
WDU 16, WDU 35
11.9 mm
36.2 mm

Ordering data

MultiCard Blank
yellow
white
black/yellow
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
WAD 12 MC NE GE	32	2445080000
WAD 12 MC NE WS	32	2445070000
WAD 12 MC SDR	8	2445100000
Please send M-Print PRO file		

Type	Qty.	Order No.
WAD 12 MC B GE/SW	32	2445090000
Please send M-Print PRO file		

Technical drawing / application



WAD MultiCard – markers for terminals and endbrackets

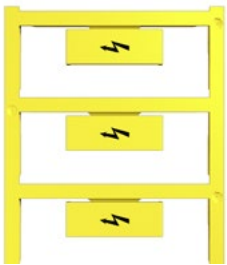
WAD MultiCard

WAD 12 N MC

12 mm

WAD 12 N MC B

12 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
WDU 16N
12 mm
33.3 mm

Polyamide 66
V-2
-40 °C...100 °C
WDU 16N
12 mm
33.3 mm

Ordering data

MultiCard Blank
yellow
white
black/yellow
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
WAD 12N MC NE GE	32	2866650000
WAD 12N MC NE WS	32	2866660000
WAD 12N MC SDR	8	2866680000
Please send M-Print PRO file		

Type	Qty.	Order No.
WAD 12N MC B GE/SW	32	2866670000
Please send M-Print PRO file		

Technical drawing / application



ELS MultiCard

Resilient, inlay tags

A resilient interior for cable markers or tag carriers

Optimally designed for use in WKM cable markers or SchT 5-type tag carriers, the ELS tags meet the highest requirements where prominent identification of cables and terminal strips is needed. The high-quality markers are made of polyamide 66. This guarantees a constant, high-quality appearance and clear and simple presentation of information even in extreme conditions where oil, water or other fluids are present.

ELS inlay tags – the benefits to you

- Perfectly fitting: in flat form they are the perfect inserts for WKM or SchT 5-type
- Resistant: indestructible material characteristics ensure consistent marking quality



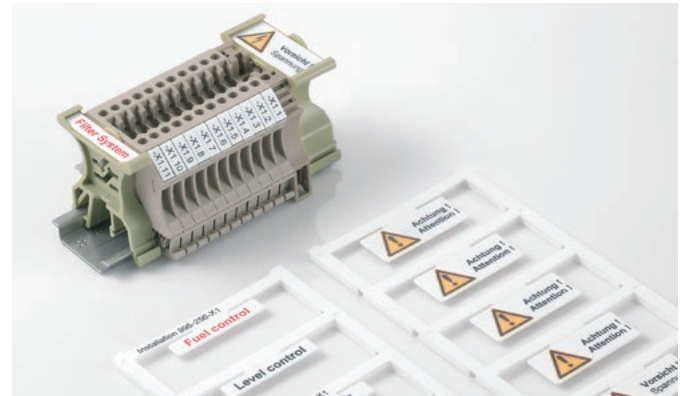
PrintJet CONNECT



PrintJet MINI



The ELS 16/40 or ELS 6/30-type labels give maximum marking quality when they are inserted into WKM cable markers and fastened with cable ties.



The ELS 16/40 and ELS 7/40 can be used for group identification by being positioned at the top of the carrier.



Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C

Ordering data

Colour	International colour code colours, not contained in the range, are available on request.
Special printing	Specify special printing and colours per using the M-Print® PRO software.
Printing	Black or colour
Possible printing systems	PrintJet CONNECT, PrintJet MINI, PrintJet ADVANCED
Notes on mounting	ELS 6/30: EM 8/30 (1806120000) ELS 7/40: SCHT 5 S (1631930000) ELS 16/40: SCHT 5 (0292460000)
Minimum order quantity	1 pack = 5 cards

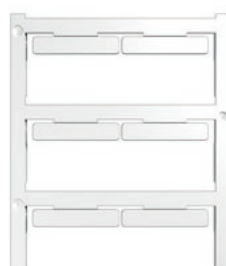
ELS MultiCard

ELS 6/30

6 mm

ELS 7/40

7 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
6 mm
30 mm

Polyamide 66
V-2
-40 °C...100 °C
7 mm
40 mm

Ordering data

MultiCard Blank
yellow ●
white ○
MultiCard Blank, self adhesive
white ○
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
ELS 6/30 MC NE GE	80	1045580000
ELS 6/30 MC NE WS	80	1045570000
ELS 6/30 K MC NE WS	80	1191390000
ELS 6/30 MC SDR	16	1045660000
Please send M-Print PRO file		

Type	Qty.	Order No.
ELS 7/40 MC NE GE	40	1045650000
ELS 7/40 MC NE WS	40	1045640000
ELS 7/40 MC SDR	8	1045700000
Please send M-Print PRO file		

Accessories

Connector markers
Cable markers
Note

Type	Qty.	Order No.
EM 8/30	50	1806120000
WKM 8/30	50	1631910000

Type	Qty.	Order No.
SCHT 5 S	20	1631930000

Technical drawing / application



ELS MultiCard – inlay tags

ELS MultiCard

ELS 16/40

16 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
16 mm
40 mm

Ordering data

MultiCard Blank
yellow
white
MultiCard Blank, self adhesive
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
ELS 16/40 MC NE GE	40	1045630000
ELS 16/40 MC NE WS	40	1045620000
ELS 16/40 K MC NE WS	40	1411800000
ELS 16/40 MC SDR	8	1045690000
Please send M-Print PRO file		

Accessories

Connector markers
Cable markers
Note

Type	Qty.	Order No.
SCHT 5	20	0292460000
WKM 18/43	50	1610700000

Technical drawing / application



Wire and cable markers

Weidmüller's range of wire and cable markers provide you with solutions for a huge variety of applications.

The applications range from thin wires through to cables with large external diameters. Amongst others, the assortment includes combination systems with individual markers, transparent sleeves and markers that are fastened using cable ties.

Open and closed, printed or blank markers for individual printing are available.

SlimFix SF/SFR

SlimFix are wire and cable markers featuring a space-saving design. The markers can also be attached to the wires after these have been installed.



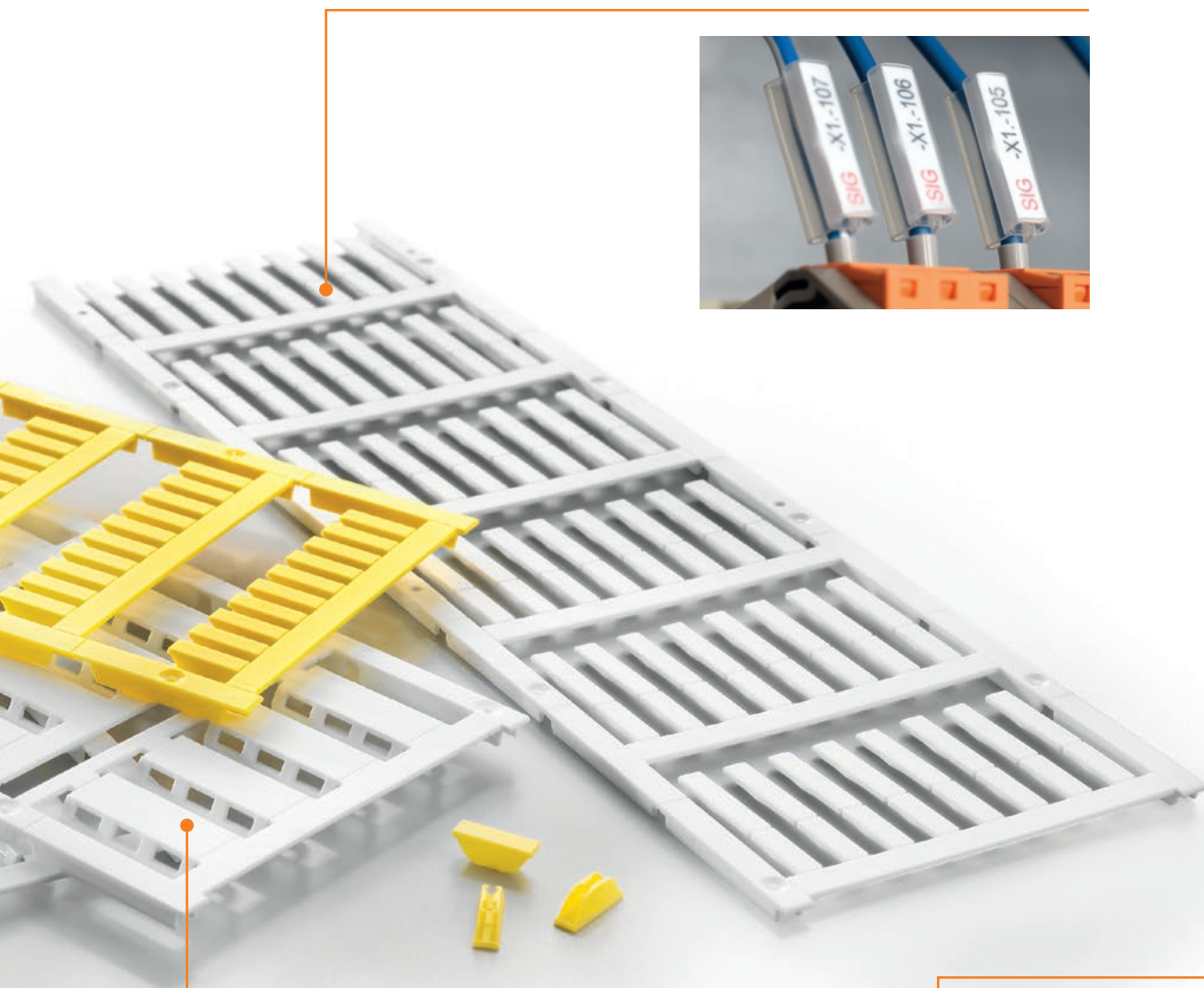
SlimFix Clip SFC

With its exclusive locking mechanism, the SFC marker offers the security of a closed marker with the ease of installation of an open marker.



TM-I with TM sleeves

The special contour of the TM-I inlay tags in MultiCard format means easy assembly and firm seating in the appropriate TM sleeves.

**SFX cable markers**

The SFX markers are suitable for identifying cables that are 7 mm in diameter and are distinguishable by their large marking surface.

**PrintJet CONNECT and PrintJet MINI**

The PrintJet CONNECT and PrintJet MINI are ideal for all markers from the MultiCard family. Both printers deliver brilliant print results with high durability, ensuring reliable and professional marking.



Wire and cable markers



Halogen-free and practically free of pollutants, Weidmüller's wire and cable markers comply with both European and in-house standards of well-known system manufacturers.

Systems are available for

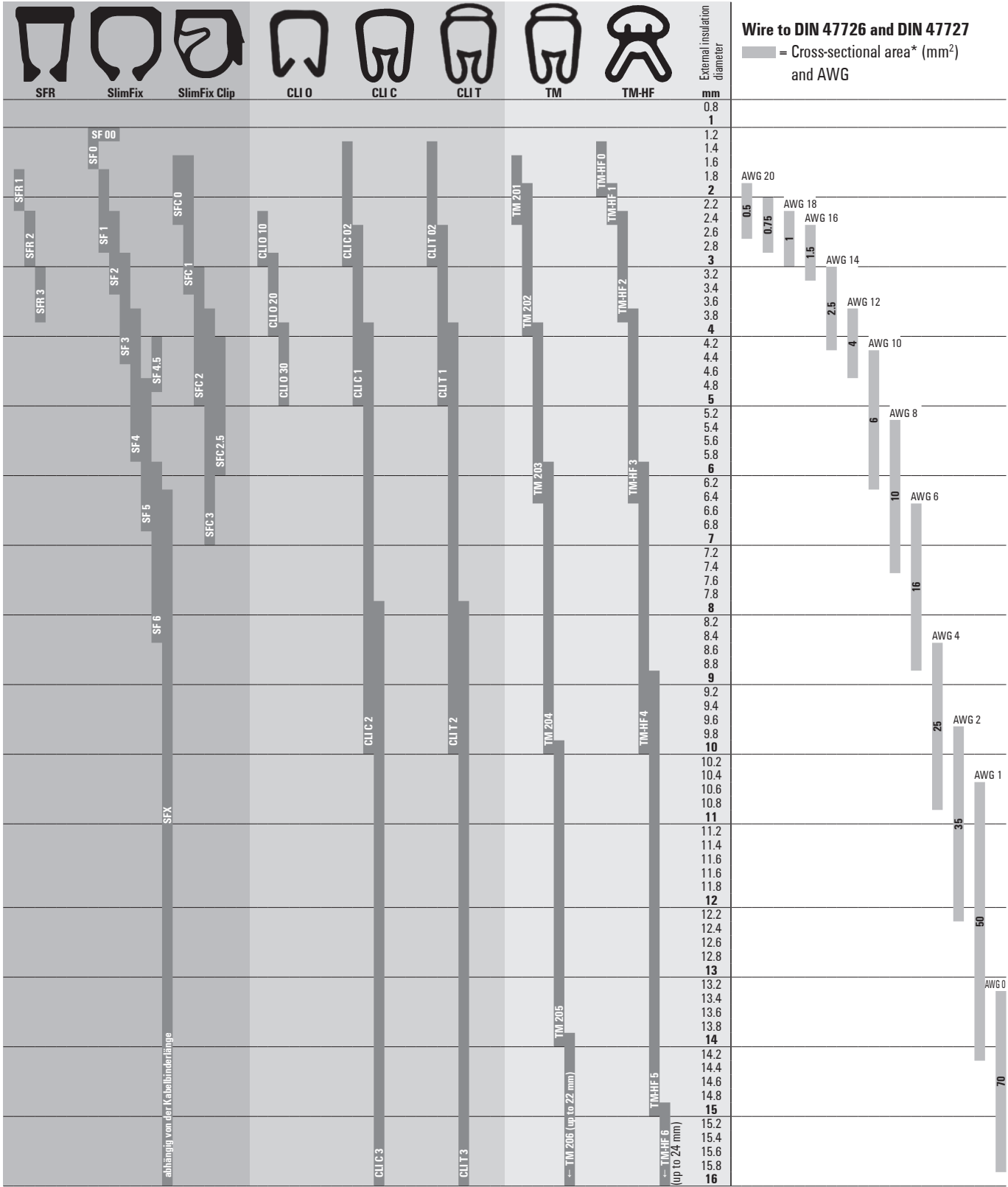
- Clip-on, ready-to-use printed markers according to individual marking requirements.
- Marking by digits from a standard set of characters.
- Combination of individual pre-printed digits to form a character code.
- Customer labelling with PrintJet CONNECT, THM printers, laser printers (DIN A4 format) or STI pens.

A sample selection is available in Weidmüller's sample boxes wire and cable markers: order no. **1640420000**.

Owing to the sheer number of possible applications and environmental influences such as moisture, radiation, gases or heat/cold to which the products can be exposed, Weidmüller accepts no liability for the suitability of products in all customer applications. Suitability tests for specific applications must therefore be carried out by the customer. However, Weidmüller will be happy to provide help and advice upon request.

Due to the different identification system available on the market, we wish to point out that Weidmüller does not guarantee industrial identification products if the Weidmüller components (markers – transparent sleeves – ink/toner/colour ink ribbons – printing systems) are combined with third-party products, unless Weidmüller has explicitly agreed for the purpose of an individual application.

Applications chart



SF/SFR – SlimFix MultiCard

Open cable markers for tough requirements

The compact class tailored to lie close to the cable

SlimFix cable markers from the SF/SFR range are true all-rounders when it comes to meeting tough requirements. The markers are approved and listed for rail transportation systems and available in 12 mm or 21 mm long sleeves. They are suitable for use in areas with exposure to vibrations. Thanks to their close cut and compact shape, the sleeves attach tightly to the cables and give you an optimal cross-section range and secure marking when installing as a result. The SF range covers diameters from 1.0 to 7.8 mm and is fixed in position using the specialised SF tool. The SFR range covers cable diameters from 1.7 to 3.7 mm. The range is manually attached without the use of tools and does not influence adhesion of the markers in any way.



PrintJet CONNECT



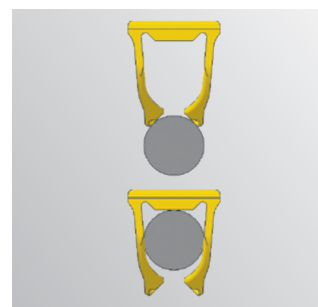
PrintJet MINI



SlimFix SF/SFR – the benefits to you

- Secure: firmly fixed, halogen-free and vibration-resistant sleeves
- Tested: recognised and listed for rail transportation systems
- User-friendly: the best material and assembly characteristics
- Also available in fire class V0. Please contact Weidmüller for details.

The fixed, SF-type SlimFix markers are fitted using the SF-tool in a matter of seconds and guarantee you a secure fit.



Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C

Ordering data

Colour	International colour code colours, not contained in the range, are available on request.
Special printing	Specify special printing and colours per using the M-Print® PRO software.
Printing	Black or colour
Possible printing systems	PrintJet CONNECT, PrintJet MINI, PrintJet ADVANCED
Notes on mounting	SF: Slide onto unconnected wires; attach to connected wires using SlimFix tool SFR: by pressing onto the wire
Minimum order quantity	1 pack = 5 cards

User-friendly, without any impairment to the excellent adhesive properties: tool-free assembly of SFR-type SlimFix markers.

Selection table

Type	Cond. ext. Ø. (max.) mm	Cond. cross-section mm ²
SF 00	0.9 / 1.00 - 1.30	< 0.25
SF 0	1.20 - 1.60	0.25 - 0.50
SF 1	1.70 - 2.10	0.50 - 0.75
SF 2	2.20 - 2.90	0.75 - 1.50
SF 3	3.00 - 3.70	1.50 - 2.50
SF 4	3.60 - 6.00	2.50 - 4.00
SF 4.5	4.10 - 4.90	4.00 - 6.00
SF 5	4.80 - 7.40	6.00 - 10.00
SF 6	5.80 - 7.80	10.00 - 16.00
SFR 1	1.70 - 2.10	0.50 - 0.75
SFR 2	2.20 - 2.90	0.75 - 1.50
SFR 3	3.00 - 3.70	1.50 - 2.50

SlimFix SF



Technical data

Basic material	Temperature range	Fire class acc. to UL 94	Halogen
Polyamide 66	-40 °C...100 °C	V-2	No

Ordering data

Type	Labelling field	Height	Qty.	white Order No.	yellow Order No.	blue Order No.	red Order No.	CSP Order No.
SF 00/12	12 x 3.2 mm	12 mm	400	1919290000	1919260000	1919270000	1919280000	1919300000
SF 00/21	21 x 3.2 mm	21 mm	400	1918580000	1918560000	1918590000	1918570000	1918530000
SF 0/12	12 x 3.2 mm	12 mm	400	1919240000	1919210000	1919220000	1919230000	1919250000
SF 0/21	21 x 3.2 mm	21 mm	400	1918500000	1918480000	1918510000	1918490000	1918470000
SF 1/12	12 x 3.2 mm	12 mm	400	1919390000	1919340000	1919360000	1919320000	1919420000
SF 1/21	21 x 3.2 mm	21 mm	400	1918630000	1918610000	1918620000	1918600000	1918640000
SF 2/12	12 x 3.6 mm	12 mm	400	1919490000	1919470000	1919480000	1919460000	1919500000
SF 2/21	21 x 3.6 mm	21 mm	400	1918690000	1918660000	1918700000	1918670000	1918650000
SF 3/12	12 x 4.6 mm	12 mm	320	1919540000	1919520000	1919550000	1919530000	1919510000
SF 3/21	21 x 4.6 mm	21 mm	320	1918910000	1918890000	1918920000	1918900000	1918880000
SF 4.5/21	21 x 7.4 mm	21 mm	96	1919020000	1919000000	1919030000	1919010000	1918990000
SF 4/12	12 x 5.7 mm	12 mm	128	1919600000	1919580000	1919590000	1919570000	1919610000
SF 4/21	21 x 5.7 mm	21 mm	192	1919080000	1919060000	1919090000	1919070000	1919050000
SF 5/12	12 x 7.4 mm	12 mm	160	1919650000	1919620000	1919630000	1919640000	1919660000
SF 5/21	21 x 7.4 mm	21 mm	160	1919140000	1919120000	1919150000	1919130000	1919110000
SF 6/21	21 x 8.4 mm	21 mm	160	1919190000	1919170000	1919200000	1919180000	1919160000
Note CSP: Please send M-Print PRO file								

Accessories

Type	Additional text	Qty.	Order No.
SF-TOOL 00-6	SLIMFIXTOOL FUER SF 00 BIS 6	10	1950820000
SF-TOOL 1	SLIM-FIX T FUER SF 1	10	1782970000
SF-TOOL 2-3	SLIM-FIX T FUER SF 2-3	10	1782960000
SF-TOOL 4-5	SLIM-FIX T FUER SF 4-5	10	1782980000
SF-TOOL-SORTIMENT	JE 3 PIECES TOOL 1, TOOL 2-3, TOOL 4-5	1	1770080000

SlimFix SFR



Technical data

Basic material	Temperature range	Fire class acc. to UL 94	Halogen
Polyamide 66	-40 °C...100 °C	V-2	No

Ordering data

Type	Labelling field	Height	Qty.	white Order No.	yellow Order No.	CSP Order No.
SFR 1/12	12 x 3.2 mm	12 mm	400	1318640000	1318650000	1318770000
SFR 1/21	21 x 3.2 mm	21 mm	400	1318710000	1318720000	1318810000
SFR 2/12	12 x 3.2 mm	12 mm	400	1318660000	1318670000	1318780000
SFR 2/21	21 x 3.2 mm	21 mm	400	1318730000	1318740000	1318820000
SFR 3/12	12 x 4.6 mm	12 mm	256	1318680000	1318690000	1318790000
SFR 3/21	21 x 4.6 mm	21 mm	256	1318750000	1318760000	1318830000
Note CSP: Please send M-Print PRO file						

SFX – SlimFix MultiCard

Intelligent cable marking with cable tie feed-through

Wide range of options and handling advantages

The SFX-range of SlimFix markers can be used for cable diameters from 7.0 mm. The maximum diameter is only limited by the length of the cable tie that is used. The versions with ergonomically designed cable tie feedthrough are particularly easy to handle. A bevel makes feeding the cable tie-in simple.

Weidmüller has expanded its successful family of SFX cable markers from the MultiCard series to include further variants: SFX V0 markers, for temperature and UV light-sensitive environments, and the SFX Detectable markers, to ensure the required standards within the framework of the HACCP concept in the food industry.

SlimFix SFX – the benefits to you

- Large variety: the right size for every label
- Time optimised: simple assembly thanks to the ergonomically designed cable tie feed-through
- Sturdy: resistant even with high mechanical demands



PrintJet CONNECT



PrintJet MINI



The maximum diameter of the marker is determined by the length of the cable tie; it can be secured by the use of one or two cable ties.



Optimised assembly properties thanks to the bevelled cable tie feed-through which is found in the SFX 9/24 S, SFX 9/40 S and SFX 10/60 S-type markers.



Technical data SFX V2

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C

Technical data SFX V0

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V0
Temperature range	-50 °C to 120 °C

Technical data SFX Detectable

Material	Polyamide 66, halogen-free
UL 94 flammability rating	HB
Temperature range	-40 °C to 100 °C

Ordering data

Colour	International colour code colours, not contained in the range, are available on request.
Special printing	Specify special printing and colours per using the M-Print® PRO software.
Printing	Black or colour
Possible printing systems	PrintJet CONNECT, PrintJet MINI, PrintJet ADVANCED
Notes on mounting	Attach using cable ties
Minimum order quantity	1 pack = 5 cards



Thanks to a metallic filling material, our detectable SFX markers are identifiable by metal and X-ray detectors.

SlimFix SFX V2



Technical data

Basic material	Temperature range	Fire class acc. to UL 94	Halogen	Wire O.D.	Connection cross-section
Polyamide 66	-40 °C...100 °C	V-2	No	7 - 40 mm	16 - 500 mm ²

Ordering data

Type	Labelling field	Height	Qty.	white Order No.	yellow Order No.	blue Order No.	red Order No.	CSP Order No.
SFX 9/24	23.9 x 9 mm	24 mm	160	1852490000	1852460000	1852500000	1852470000	1852480000
SFX 10/23	23 x 5 mm	23 mm	160	1852390000	1852360000	1852400000	1852370000	1852380000
SFX 11/60	44 x 11 mm	60 mm	60	1860120000	1860150000	1051870000	1963650000	1860140000
SFX 14/23	23 x 8 mm	23 mm	160	1852440000	1852410000	1852450000	1852420000	1852430000
SFX 30/60	45 x 30 mm	60 mm	30	1083230000	1083240000	1369540000	1369550000	1083260000
SFX 9/24 S	23.9 x 9 mm	24 mm	120	1323440000	1323450000	1323480000	1323470000	1323490000
SFX 9/40 S	40 x 8.5 mm	40 mm	80	1248760000	1248770000	1248790000	1248780000	1248740000
SFX 10/60 S	60 x 9.5 mm	60 mm	50	1248810000	1248820000	1248840000	1248830000	1248750000
Note	CSP: Please send M-Print PRO file							

SlimFix SFX V0



Technical data

Basic material	Temperature range	Fire class acc. to UL 94	Halogen	Wire O.D.	Connection cross-section
Polyamide 66	-50 °C...120 °C	V-0	No	7 - 40 mm	16 - 500 mm ²

Ordering data

Type	Labelling field	Height	Qty.	white Order No.	yellow Order No.
VT SFX 9/24 V0	23.9 x 9 mm	24 mm	320	1727740001	1727740004
VT SFX 10/23 V0	23 x 5 mm	23 mm	320	1727770001	1727770004
VT SFX 14/23 V0	23 x 8 mm	23 mm	320	1689490001	1689490004
SFX 9/24 S V0	23.9 x 9 mm	24 mm	120	2009930000	2009940000
SFX 9/40 S V0	40 x 8.5 mm	40 mm	80	2009910000	2009920000
SFX 10/60 S V0	60 x 9.5 mm	60 mm	50	2009890000	2009900000
SFX 11/60 V0	44 x 11 mm	60 mm	60	1432750000	1076890000
Note	CSP: Please send M-Print PRO file				

SlimFix SFX Detectable



Technical data

Basic material	Temperature range	Fire class acc. to UL 94	Halogen	Wire O.D.	Connection cross-section
Polyamide 66	-40 °C...100 °C	HB	No	7 - 40 mm	16 - 500 mm ²

Ordering data

Type	Labelling field	Height	Qty.	blue Order No.
SFX-DT 9/24	23.9 x 9 mm	24 mm	160	2602720000
SFX-DT 10/60 S	60 x 9.5 mm	60 mm	50	2602740000
SFX-DT 11/60	44 x 11 mm	60 mm	60	2602730000
Note	CSP: Please send M-Print PRO file			

SFC – SlimFix Clip MultiCard

A convenient clip system for wires and cables

Highly durable markers with extra security

The halogen-free SlimFix Clips are made from sturdy polyamide 66 and combine two advantages in one product. Their unique clip closure means they can be fitted at every stage in the installation as easily as an open marker while still offering you the application-based security of a closed marker.

The markers are designed for wire and cable diameters from 1.5 to 7.0 mm, have labelling surfaces up to 30 mm long to give you enough space for extensive character strings which are easily legible and can be printed onto the differently coloured markers using the PrintJet CONNECT or the PrintJet MINI printer.

SlimFix Clip SFC – the benefits to you

- Compact: secure and quick fitting without additional tools
- Informative: large labelling surface for long character strings
- Strong combinations: different colours and sizes

SlimFix CLIP SFC-DS – the benefits to you

- One marker with two labelling areas in 21 mm lengths
- Printing of multiple information on one marker – e.g. start and target designation
- Both marking surfaces can be read immediately by simply turning the marker
- Special locking mechanism for secure attachment of markers
- Suitable for conductor diameters of 2.0 to 3.5 mm



Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C

Ordering data

Colour	International colour code colours, not contained in the range, are available on request.
Special printing	Specify special printing and colours per using the M-Print® PRO software.
Printing	Black or colour
Possible printing systems	PrintJet CONNECT, PrintJet MINI, PrintJet ADVANCED
Minimum order quantity	1 pack = 5 cards



PrintJet CONNECT



PrintJet MINI



The SFC is fitted quickly and simply using its clip closure system – no need for additional tools.



The new markers of the type SFC-DS 1/21 MC have two labelling areas which allow multiple data to be printed on a single marker.

Selection table SFC

Type	Wire, ext. ø	Wire cross-section
SFC 0	1.5 - 2.5 mm	0.5 - 1.0 mm ²
SFC 1	2.0 - 3.5 mm	0.75 - 2.5 mm ²
SFC 2	3.0 - 5.0 mm	2.5 - 4.0 mm ²
SFC 2.5	4.0 - 6.0 mm	4.0 - 10 mm ²
SFC 3	3.5 - 7.0 mm	4.0 - 10 mm ²

SlimFix SFC



Technical data

Basic material	Temperature range	Fire class acc. to UL 94	Halogen
Polyamide 66	-40 °C...100 °C	V-2	No

Ordering data

Type	Labelling field	Height	Qty.	white Order No.	yellow Order No.	blue Order No.	red Order No.	CSP Order No.
SFC 0/12	12 x 4.1 mm	12 mm	200	1813130000	1813160000	1813170000	1813150000	1813180000
SFC 0/21	21 x 4.1 mm	21 mm	200	1813190000	1813210000	1813220000	1813200000	1813230000
SFC 0/30	30 x 4.1 mm	30 mm	150	1813240000	1813260000	1813270000	1813250000	1813280000
SFC 1/12	12 x 4.1 mm	12 mm	200	1747320001	1747320004	1747320002	1747320003	1752720000
SFC 1/21	21 x 4.1 mm	21 mm	200	1779080001	1779080004	1779080002	1779080003	1779090000
SFC 1/30	30 x 4.1 mm	30 mm	150	1805760000	1805730000	1805720000	1805740000	1805750000
SFC 2/12	12 x 5.8 mm	12 mm	120	1758320001	1758320004	1758320002	1758320003	1763480000
SFC 2/21	21 x 5.8 mm	21 mm	120	1805810000	1805780000	1805770000	1805790000	1805800000
SFC 2/30	30 x 5.8 mm	30 mm	90	1805870000	1805830000	1805820000	1805850000	1805860000
SFC 2.5/12	12 x 5.8 mm	12 mm	120	1062000000	1062010000	1062030000	1062020000	1062040000
SFC 2.5/21	21 x 5.8 mm	21 mm	120	1062050000	1062070000	1062090000	1062080000	1062110000
SFC 3/12	12 x 5 mm	12 mm	80	1025220000	1025230000	1025250000	1025240000	1025550000
SFC 3/21	21 x 5 mm	21 mm	80	1025260000	1025270000	1025300000	1025290000	1025560000
SFC 3/30	30 x 5 mm	30 mm	60	1025310000	1025320000	1025340000	1025330000	1025570000
Note	CSP: Please send M-Print PRO file							

Slim Fix SFC-DS



Technical data

Basic material	Temperature range	Fire class acc. to UL 94	Halogen
Polyamide 66	-40 °C...100 °C	V-2, UL 94	No

Ordering data

Type	Labelling field	Height	Qty.	white Order No.	yellow Order No.
SFC-DS 0/12	11 x 2.2 mm	12 mm	200	2904970000	2905000000
SFC-DS 0/21	20 x 2.2 mm	21 mm	200	2904980000	2905010000
SFC-DS 0/30	29 x 2.2 mm	30 mm	150	2904990000	2905020000
SFC-DS 1/12	11 x 3.2 mm	12 mm	200	2905030000	2905060000
SFC-DS 1/21	20 x 3.2 mm	21 mm	200	2905040000	2905070000
SFC-DS 1/30	29 x 3.2 mm	30 mm	150	2905050000	2905080000
SFC-DS 2/12	11 x 4 mm	12 mm	160	2905090000	2905120000
SFC-DS 2/21	20 x 4 mm	21 mm	160	2905100000	2905130000
SFC-DS 2/30	29 x 4 mm	30 mm	120	2905110000	2905140000
SFC-DS 3/12	11 x 5 mm	12 mm	120	2905150000	2905180000
SFC-DS 3/21	20 x 5 mm	21 mm	120	2905160000	2905190000
SFC-DS 3/30	29 x 5 mm	30 mm	90	2905170000	2905200000
Note	CSP: Please send M-Print PRO file				

TM-I MultiCard – inlay tags

Contour-hugging signs for all sleeves

The compatible markers with the bonus of being exchangeable

The 12 to 30 mm long TM-I signs stand out on all levels due to their maximum flexibility when assembling sleeves. The sophisticated contouring of the signs ensures that they fit securely and also allow for easy assembly and exchange. The project marking surface is typical for MultiCard markers and gives maximum clarity during isolation and assembly. For this, fitting or exchanging the signs can be done easily before or after the sleeves have been attached. The markers are recognised and listed for transportation engineering. The markers in the range come in five, partly combinable, lengths and are compatible with many commonly available sleeves. The right sign for every sleeve!

TM-I – the benefits to you

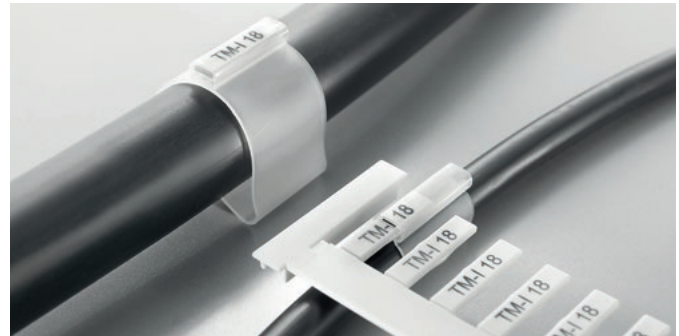
- Strong detail: ideal assembly characteristics thanks to the special sign contour
- Clear: project marker surfaces for better orientation and easy isolation
- Optional: can be used with many commonly available sleeves
- Not suited for labelling with P-Ink or STI pen in combination with CLI T sleeves



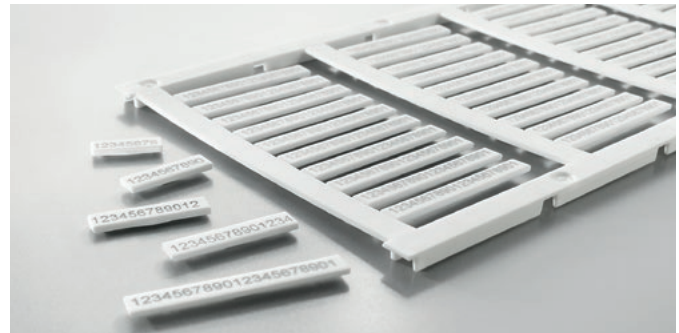
PrintJet CONNECT



PrintJet MINI



Trouble-free assembly before or after the sleeve is fitted as well as easy replacement of the signs.



Always the right sign length, for character sequences of up to 21 characters.



For differentiated marking of different information in one place, the TM-I 12/18 has two combinable sign lengths.



Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C

Ordering data

Colour	International colour code colours, not contained in the range, are available on request.
Special printing	Specify special printing and colours per using the M-Print® PRO software.
Printing	Black or colour
Possible printing systems	PrintJet CONNECT, PrintJet MINI, PrintJet ADVANCED
Minimum order quantity	1 pack = 5 cards

TM-I

Technical data

Basic material	Temperature range	Fire class acc. to UL 94	Adhesive	Halogen
Polyamide 66	-40...100 °C	V-2		No

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
1718411044	TM-I 12 MC NE WS	○ white	12 mm	4 mm	320
1718411686	TM-I 12 MC NE RT	● red	12 mm	4 mm	320
1718411687	TM-I 12 MC NE GE	● yellow	12 mm	4 mm	320
1718411693	TM-I 12 MC NE BL	● blue	12 mm	4 mm	320
1323730000	TM-I 12/18 MC NE WS	○ white	30 mm	4 mm	240
1409630000	TM-I 12/18 MC NE GE	● yellow	30 mm	4 mm	240
1609981044	TM-I 15 MC NE WS	○ white	15 mm	4 mm	400
1609981686	TM-I 15 MC NE RT	● red	15 mm	4 mm	400
1609981687	TM-I 15 MC NE GE	● yellow	15 mm	4 mm	400
1609981693	TM-I 15 MC NE BL	● blue	15 mm	4 mm	400
1718431044	TM-I 18 MC NE WS	○ white	18 mm	4 mm	320
1718431686	TM-I 18 MC NE RT	● red	18 mm	4 mm	320
1718431687	TM-I 18 MC NE GE	● yellow	18 mm	4 mm	320
1718431693	TM-I 18 MC NE BL	● blue	18 mm	4 mm	320
1680411044	TM-I 20 MC NE WS	○ white	20 mm	4 mm	400
1680411686	TM-I 20 MC NE RT	● red	20 mm	4 mm	400
1680411687	TM-I 20 MC NE GE	● yellow	20 mm	4 mm	400
1680411693	TM-I 20 MC NE BL	● blue	20 mm	4 mm	400
1428480000	TM-I 23 MC NE WS	○ white	23 mm	4 mm	400
1428510000	TM-I 23 MC NE RT	● red	23 mm	4 mm	400
1428490000	TM-I 23 MC NE GE	● yellow	23 mm	4 mm	400
1428520000	TM-I 23 MC NE BL	● blue	23 mm	4 mm	400
1876390000	TM-I 30 MC NE WS	○ white	30 mm	4 mm	300
1876380000	TM-I 30 MC NE RT	● red	30 mm	4 mm	300
1876370000	TM-I 30 MC NE GE	● yellow	30 mm	4 mm	300
1876400000	TM-I 30 MC NE BL	● blue	30 mm	4 mm	300

TM-I custom printing

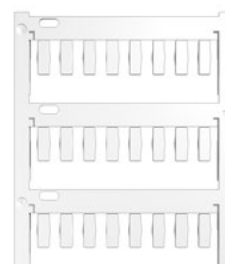
Technical data

Basic material	Temperature range	Fire class acc. to UL 94	Adhesive	Halogen
Polyamide 66	-40...100 °C	V-2		No

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
1718420000	TM-I 12 MC SDR	CSP	12 mm	4 mm	64
1323720000	TM-I 12/18 MC SDR	CSP	30 mm	4 mm	48
1609990000	TM-I 15 MC SDR	CSP	15 mm	4 mm	80
1718440000	TM-I 18 MC SDR	CSP	18 mm	4 mm	64
1680420000	TM-I 20 MC SDR	CSP	20 mm	4 mm	80
1433880000	TM-I 23 MC SDR	CSP	23 mm	4 mm	80
1876320000	TM-I 30 MC SDR	CSP	30 mm	4 mm	60

Please send M-Print PRO file



ELS MultiCard

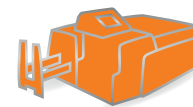
Resilient, inlay tags

A resilient interior for cable markers or tag carriers

Optimally designed for use in WKM cable markers or SchT 5-type tag carriers, the ELS tags meet the highest requirements where prominent identification of cables and terminal strips is needed. The high-quality markers are made of polyamide 66. This guarantees a constant, high-quality appearance and clear and simple presentation of information even under the extremely demanding conditions where oil, water or other fluids are present.

ELS inlay tags – the benefits to you

- Perfectly fitting: in flat form they are the perfect inserts for WKM or SchT 5-type
- Resistant: indestructible material characteristics ensure consistent marking quality



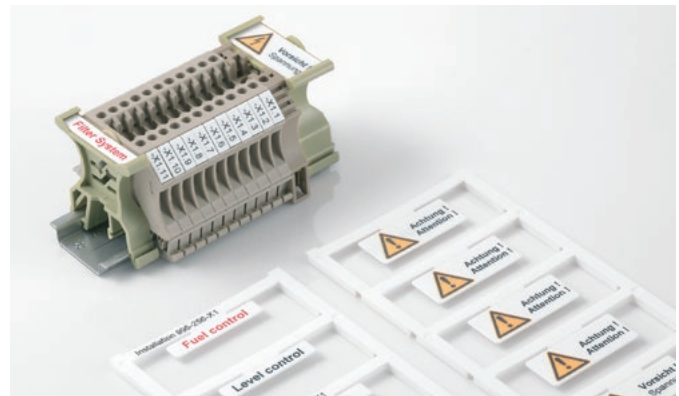
PrintJet CONNECT



PrintJet MINI



The ELS 16/40 or ELS 6/30 labels give maximum marking quality when they are inserted into WKM cable markers and fastened with cable ties.



The ELS 16/40 and ELS 7/40 can be used for group identification by being positioned at the top of the carrier.



Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C

Ordering data

Colour	International colour code colours, not contained in the range, are available on request.
Special printing	Specify special printing and colours per using the M-Print® PRO software.
Printing	Black or colour
Possible printing systems	PrintJet CONNECT, PrintJet MINI, PrintJet ADVANCED
Notes on mounting	ELS 6/30: WKM 8/30 (1631910000) ELS 16/40: WKM 18/43 (1610700000)
Minimum order quantity	1 pack = 5 cards

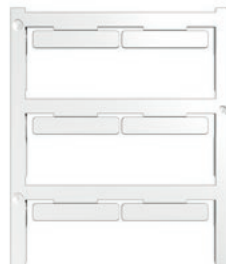
ELS MultiCard

ELS 6/30

6 mm

ELS 16/40

16 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
6 mm
30 mm

Polyamide 66
V-2
-40 °C...100 °C
16 mm
40 mm

Ordering data

MultiCard Blank
yellow ●
white ○
MultiCard Blank, self adhesive
white ○
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
ELS 6/30 MC NE GE	80	1045580000
ELS 6/30 MC NE WS	80	1045570000
ELS 6/30 K MC NE WS	80	1191390000
ELS 6/30 MC SDR	16	1045660000
Please send M-Print PRO file		

Type	Qty.	Order No.
ELS 16/40 MC NE GE	40	1045630000
ELS 16/40 MC NE WS	40	1045620000
ELS 16/40 K MC NE WS	40	1411800000
ELS 16/40 MC SDR	8	1045690000
Please send M-Print PRO file		

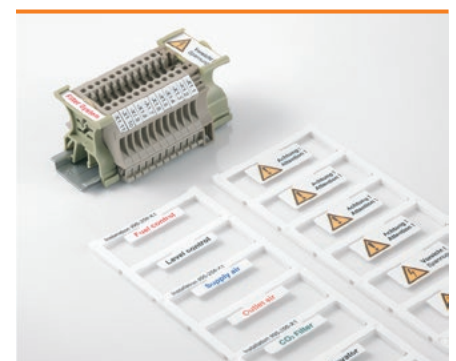
Accessories

Connector markers
Cable markers
Note

Type	Qty.	Order No.
EM 8/30	50	1806120000
WKM 8/30	50	1631910000

Type	Qty.	Order No.
SCHT 5	20	0292460000
WKM 18/43	50	1610700000

Technical drawing / application



Individual processing

The professional system for every standard



PrintJet CONNECT

Superior components in a comprehensive product line

Our labelling system allows you to label with precision and speed – without losing track.

Our completely matched line of materials, sizes and mounting options cover solutions for all of your particular operational needs.

The systematic use of PrintJet CONNECT and the M-Print®-PRO-software enables you to custom design and process facility labelling for all of your system components. The result is a consistently outstanding marking system.



The benefits for you

- Quality: durable materials for extreme conditions
- Customised: perfectly matched system components provide the best variety
- Efficient: tailor-made solutions from a single source
- Professional: in-house control of all marking processes
- Flexible: Excellent assembly characteristics

A special punched-out hole in the SFX-M 11/60 enables use with steel cable ties, and with plastic cable ties with the SFX-M 11/60-5.



The universal inlay is designed to accept eight different tag types and is particularly suitable for printing small batch jobs.

Technical data

Tag material	Stainless steel 1.4301 (ST) or anodized aluminium (AL)
Temperature range	-55 °C to +130 °C
Thickness	0.5 mm
Primer	100 impregnated cloths and hermetically sealed
Possible printing systems	PrintJet CONNECT, PrintJet ADVANCED

MetalliCard

SFX-M 11/60-5

11 mm

SFX-M 11/60

11 mm



Technical data

Ambient temperature (operational)
Width
Height
Cable tie passage
Diameter
Labelling field
Note

-55 °C...130 °C
11 mm
60 mm
Flat
11.2 x 45 mm

-55 °C...130 °C
11 mm
60 mm
Raised
11.2 x 45 mm

Ordering data

MetalliCard Blank	
Stainless steel 1.4301 (ST)	
Anodised aluminium (AL)	
MetalliCard custom printing	
Stainless steel 1.4301 (ST)	
Anodised aluminium (AL)	
Note	

Type	Qty.	Order No.
SFX-M 11/60-5 ST	50	1422570000
SFX-M 11/60-5 AL	50	1422560000
SFX-M 11/60-5 ST SDR	1	1439540000
SFX-M 11/60-5 AL SDR	1	1474440000
Please send M-Print PRO file		

Type	Qty.	Order No.
SFX-M 11/60 ST	50	1327790000
SFX-M 11/60 AL	50	1327780000
SFX-M 11/60 ST SDR	1	1474430000
SFX-M 11/60 AL SDR	1	3029800000
Please send M-Print PRO file		

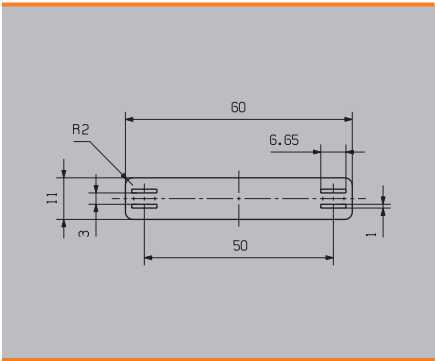
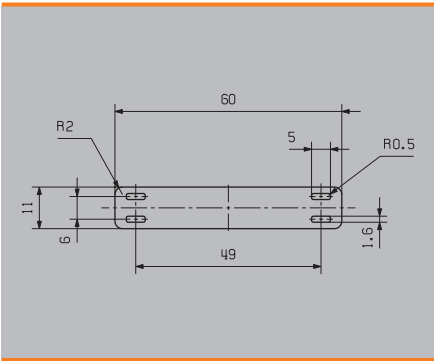
Accessories

Primer for pretreatment
Inlay
Note

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
INLAY SFX-M 11/60	1	1341110000

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
INLAY SFX-M 11/60	1	1341110000

Technical drawing / application



MetalliCard

SFX-M 17/60-5

17 mm

SFX-M 12/40-5

12 mm



Technical data

Ambient temperature (operational)
Width
Height
Cable tie passage
Diameter
Labelling field
Note

-55 °C...130 °C
17 mm
60 mm
Flat
17.2 x 40 mm

-55 °C...130 °C
12 mm
40 mm
Flat
12.2 x 25 mm

Ordering data

MetalliCard Blank	
	Stainless steel 1.4301 (ST)
	Anodised aluminium (AL)
MetalliCard custom printing	
	Stainless steel 1.4301 (ST)
	Anodised aluminium (AL)
Note	

Type	Qty.	Order No.
SFX-M 17/60-5 ST	50	1500270000
SFX-M 17/60-5 AL	50	1500250000
SFX-M 17/60-5 ST SDR	1	1505240000
SFX-M 17/60-5 AL SDR	1	1505230000
Please send M-Print PRO file		

Type	Qty.	Order No.
SFX-M 12/40-5 ST	50	1500240000
SFX-M 12/40-5 AL	50	1500230000
SFX-M 12/40-5 ST SDR	1	1505220000
SFX-M 12/40-5 AL SDR	1	1505210000
Please send M-Print PRO file		

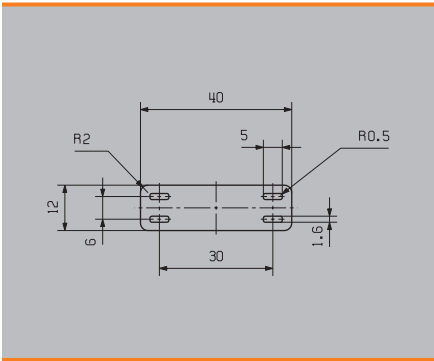
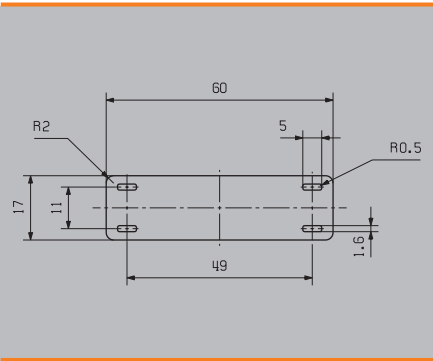
Accessories

Primer for pretreatment
Inlay
Note

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
INLAY SFX-M 17/60	1	1500330000

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
INLAY SFX-M 11/60	1	1341110000

Technical drawing / application



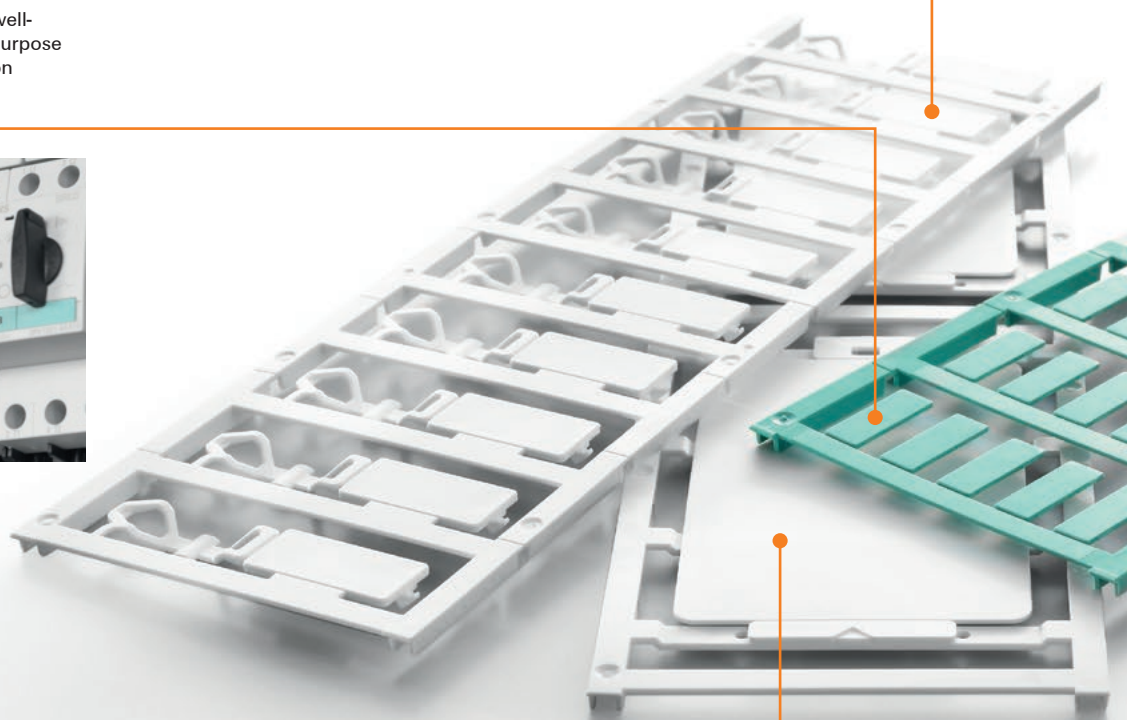


Markers for devices and installations

Device and installation markers round off our range of switchgear markers. Employing our device markers means you will be in compliance with official regulations on the marking of electrical equipment. Weidmüller offers corresponding markers for devices made by well-known manufactures. Mirroring their original counterparts, these markers are attached with the traditional adhesive or rapid clip-on techniques. By using the corresponding software and system-compatible printer, you can print your own markings on these markers.

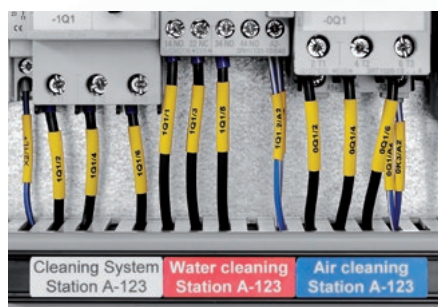
ESG

The ESG MultiCard markers are for all well-known device manufacturers; with all-purpose usage thanks to self-adhesive or snap-on markers.



ClipCard

ClipCard MultiCard markers are a genuine alternative to engraving. Flexible fastening options using holders, tag rails, self-adhesive, screws or rivets.



DMC

The marking surface (12 x 27 mm) is large enough to hold information about the device and its function. The markers are fastened to a wire or cable by means of a simple clip-on mechanism.

**SwitchMark**

SwitchMark MultiCard markers are ideal for identifying control and signalling equipment.

**ELS**

Optimally designed for use in WKM cable markers or SchT 5-type tag carriers, the ELS tags meet the highest requirements where prominent identification of cables and terminal strips is needed.

**PrintJet CONNECT and PrintJet MINI**

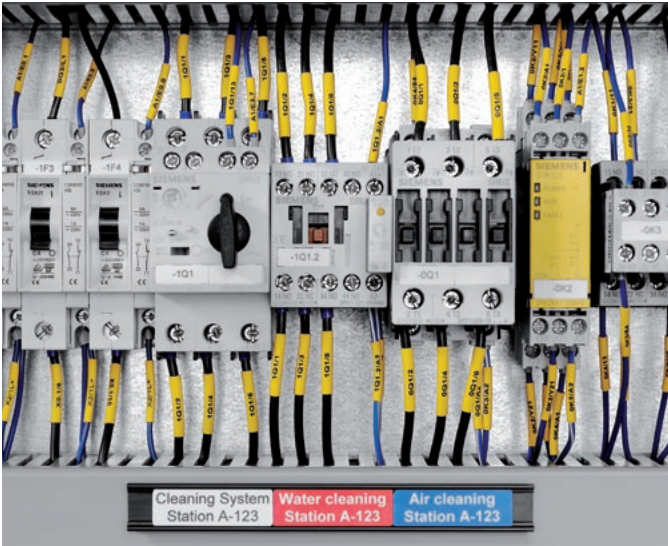
The PrintJet CONNECT and PrintJet MINI are ideal for all markers from the MultiCard family. Both printers deliver brilliant print results with high durability, ensuring reliable and professional marking.



Markers for devices and installations

Device and installation markers round off our range of switchgear markers. Employing our device markers means you will be in compliance with official regulations on the marking of electrical equipment. Weidmüller offers corresponding markers for devices made by well-known manufacturers. Mirroring their original counterparts, these markers are attached with the traditional adhesive or rapid clip-on techniques. By using the corresponding software and system-compatible printer, you can print your own markings on these markers.

A samples box containing a selection of device and installation markers is available under the order no. **1646370000**.



	DMC	ESG	SwitchMark	ClipCard	MetalliCard
Cable ducts				●	●
Automatic switchgear	●	●	●	●	●
Contactors	●	●	●		
Electrical connections	●			●	●
Electrical devices	●			●	●
Machines					●
LED displays			●		●
Keyboards			●	●	●
Lamps					●
Murr valve plug		●			
Tubes				●	●
Circuit-breakers	●	●			●
Relays	●	●			
Shelves					●
Switches		●	●	●	
Control desk		●	●	●	●
Transformers	●	●			●
Valves				●	●



Water cleaning Station A-124 Air cleaning Station A-124 Cleaning System Station A-125 Water cleaning Station A-124

DMC MultiCard

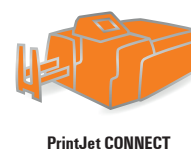
Reliable equipment identification on wires and cables

Snap-fit mechanism for absolutely secure attachment

Maximum visibility when labelling switching devices or components can be achieved using the single-piece DMC markers. The sophisticated snap-fit mechanism gives a reliable hold on multi-core control cables, as well as on individual wires. This is a valuable advantage when critical equipment informations needs to be well positioned in order to be visible, even with extremely tight space constraints. It should be firmly fixed to wire and cable diameters from 1.5 to 7.5 mm.

DMC – the benefits to you

- Clever: snap-fit mechanism for quick and secure application
- Versatile: can be attached to one or more connection wires
- Distinctive: a large labelling area gives you all the information at a glance



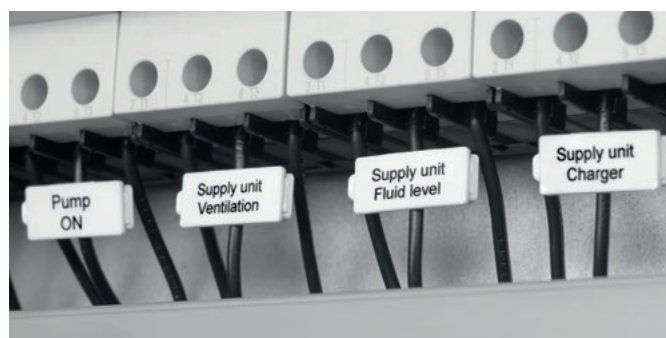
PrintJet CONNECT



PrintJet MINI



Simply and securely: the clip assembly onto wires with cross-sections from 0.5 to 10 mm².



Creates space: equipment identification for clear additional information can be simply attached to wires or cables.



Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C

Ordering data

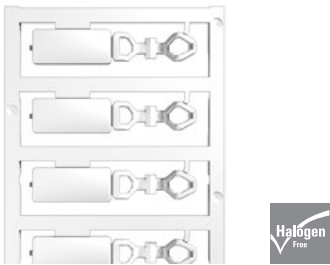
Colour	International colour code colours, not contained in the range, are available on request.
Special printing	Specify special printing and colours per using the M-Print® PRO software.
Printing	Black or colour
Possible printing systems	PrintJet CONNECT, PrintJet MINI, PrintJet ADVANCED
Marking surface	12 x 27 mm
Suitable for cable diameters	1.5 - 7.5 mm
And wire cross-sections	0.5 - 10 mm ²
Minimum order quantity	1 pack = 5 cards



Absolutely secure grip thanks to the snap-fitting and the flexible hinge assembly on the rear.

DMC MultiCard

DMC 12/27 27 mm



Technical data

Basic material	Polyamide 66
Fire class acc. to UL 94	V-2
Ambient temperature (operational)	-40 °C...100 °C
Outer diameter of the wire, min. / max.	1.5...7.5 mm
Wire cross-section, min. / max.	0.5...10 mm²
Width	27 mm
Height	12 mm
Note	

Ordering data

MultiCard Blank		
yellow	●	
white	○	
MultiCard custom printing		
To customer specification		
Note		

Type	Qty.	Order No.
DMC 12/27 MC NE GE	50	1018190000
DMC 12/27 MC NE VS	50	1016030000
DMC 12/27 MC SDR	10	1038830000
Please send M-Print PRO file		

Technical drawing / application



ESG MultiCard

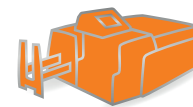
For independent manufacturer equipment identification

More clarity thanks to the uniform marking matrix

You can solve the identification of independent manufacturer equipment with the uniform and systematically constructed ESG-type MultiCard range. The carefully matched components bring together equipment from different manufacturers strictly and systematically, in a uniform marking matrix, which is reinforced by the high-quality and brilliance of the PrintJet CONNECT, or our new PrintJet MINI, printing. In this way you can create perfect clarity in the electrical cabinet at the highest level of professionalism. ESG-markers are available for equipment from the following manufacturers, including: ABB-Stotz, AEG, Beckhoff, Berneker & Rainer, Eaton-Moeller, Festo, Lumberg, Siemens and Telemecanique (Schneider Electric).

ESG – the benefits to you

- Manufacturer-independent: for equipment from the best-known providers
- Systematic: perfectly matching marking components in one range
- Compatible: a suitable marker for every device
- Time saving: no pre-selection needed – fast installation procedures



PrintJet CONNECT



PrintJet MINI



Individual signs of the ESG-range are compatible with our universal-use sign rails which are particularly suitable for rows of equipment and switches.



As well as snapping on, you can also fasten in place using the adhesive which provides an alternative method of securing and gives a secure attachment for every application.



Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C

Ordering data

Colour	International colour code colours, not contained in the range, are available on request.
Special printing	Specify special printing and colours per using the M-Print® PRO software.
Printing	Black or colour
Possible printing systems	PrintJet CONNECT, PrintJet MINI, PrintJet ADVANCED
Not printable with	SMark Laser with self-adhesive markers
Minimum order quantity	1 pack = 5 cards

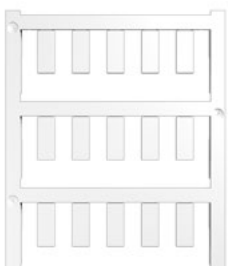
ESG MultiCard

ESG 5/10

10 mm

ESG 6/15 K

15 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PA 66
V-2
-40 °C...100 °C
Beckhoff, Turck, SAI distributor
10 mm
5 mm

PA 66
V-2
-40 °C...60 °C
Self-adhesive
15 mm
6 mm

Ordering data

MultiCard Blank
white
yellow
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
ESG 5/10 MC NE WS	400	1919940000
ESG 5/10 MC SDR	80	1038840000
Please send M-Print PRO file		

Type	Qty.	Order No.
ESG 6/15 K MC NE WS	200	1880100000
ESG 6/15 K MC NE GE	200	1880130000
ESG 6/15 K MC SDR	40	1880090000
Please send M-Print PRO file		

Technical drawing / application



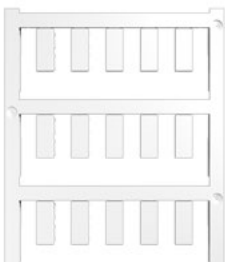
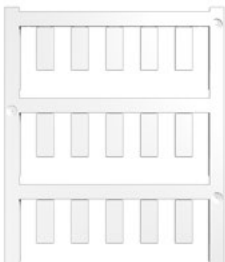
ESG MultiCard

ESG 6/15 F

15 mm

ESG 6/15 RIDERSERIES

15 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PA 66
V-2
-40 °C...100 °C
Festo
15 mm
6 mm

PA 66
V-2
-40 °C...100 °C
Riderseries SCM/SRC
15 mm
6 mm

Ordering data

MultiCard Blank
white
yellow
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
ESG 6/15 F MC NE WS	200	1136810000
Please send M-Print PRO file		

Type	Qty.	Order No.
ESG 6/15 RIDER MC NE WS	200	1881280000
ESG 6/15 RIDER MC NE GE	200	1378710000
ESG 6/15 RIDER MC SDR	40	1881290000
Please send M-Print PRO file		

Technical drawing / application



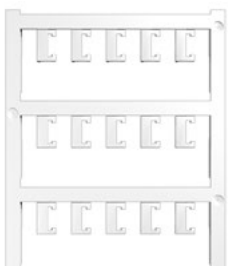
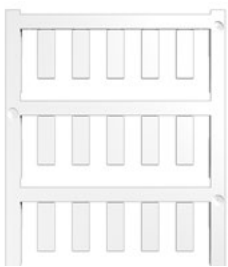
ESG MultiCard

ESG 6/17 K

17 mm

ESG 6.6/11

11 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PA 66
V-2
-40 °C...60 °C
Self-adhesive
17 mm
6 mm

PA 66
V-2
-40 °C...100 °C
BHZ, ACT 20
11 mm
6.6 mm

Ordering data

MultiCard Blank
white
yellow
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
ESG 6/17 K MC NE WS	200	1880120000
ESG 6/17 K MC NE GE	200	1880110000
ESG 6/17 K MC SDR	40	1880080000
Please send M-Print PRO file		

Type	Qty.	Order No.
ESG 6.6/11 BHZ 5.00/02	200	1082490000
ESG 6.6/11 BHZ 5.00 SDR	40	1346330000
Please send M-Print PRO file		

Technical drawing / application



ESG MultiCard – cross-manufacturer equipment identification

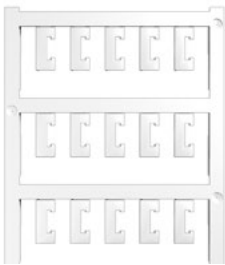
ESG MultiCard

ESG 6.6/15

15 mm

ESG 6.6/20

20 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PA 66
V-2
-40 °C...100 °C
BHZ, ACT 20
15 mm
6.6 mm

PA 66
V-2
-40 °C...100 °C
BHZ, ACT 20
20 mm
6.6 mm

Ordering data

MultiCard Blank
white
yellow
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
ESG 6.6/15 BHZ 5.00/03	200	1082520000
ESG 6.6/15 BHZ 5.00 SDR	40	1346320000
Please send M-Print PRO file		

Type	Qty.	Order No.
ESG 6.6/20 BHZ 5.00/04	200	1082540000
ESG 6.6/20 BHZ 5.00 SDR	40	1221520000
Please send M-Print PRO file		

Technical drawing / application



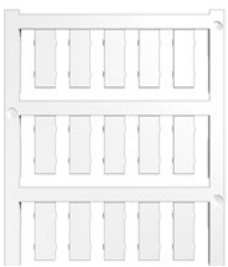
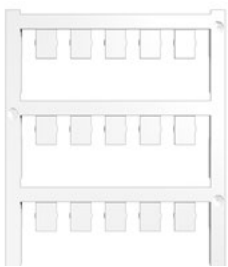
ESG MultiCard

ESG 7/10 Sirius

10 mm

ESG 7/20 Sirius

20 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PA 66
V-2
-40 °C...100 °C
Siemens Simatic ET 200eco
10 mm
7 mm

PA 66
V-2
-40 °C...100 °C
Siemens Sirius 3R
20 mm
7 mm

Ordering data

MultiCard Blank
Turquoise
white
yellow
MultiCard custom printing
white, Turquoise
To customer specification
Note

Type	Qty.	Order No.
ESG 7/10 MC NE TU	200	2569890000
ESG 7/10 MC NE WS	200	2569880000
ESG 7/10 MC SDR	40	2580920000
Please send M-Print PRO file		

Type	Qty.	Order No.
ESG 7/20 SIRIUS MC NE TU	200	1736181696
ESG 7/20 SIRIUS MC NE WS	200	1736181044
ESG 7/20 SIRIUS MC NE GE	200	1736181687
ESG 7/20 SIRIUS MC SDR	40	1766650000
Please send M-Print PRO file		

Accessories

Tag rail
Note

Type	Qty.	Order No.

Type	Qty.	Order No.
SCHS3 K	1	1753480000
SCHS4 K	1	1753460000

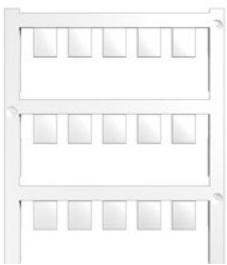
Technical drawing / application



ESG MultiCard

ESG 8/10

10 mm



Technical data

Basic material	PA 66
Fire class acc. to UL 94	V-2
Ambient temperature (operational)	-40 °C...100 °C
Application/manufacturer	Siemens AS-Interface, ifm-electronics
Width	10 mm
Height	8 mm
Note	

Ordering data

MultiCard Blank	Type	Qty.	Order No.
white	ESG 8/10 ASI MC NE WS	200	1736190000
MultiCard custom printing			
To customer specification	ESG 8/10 ASI MC SDR	40	1770470000
Note	Please send M-Print PRO file		

Accessories

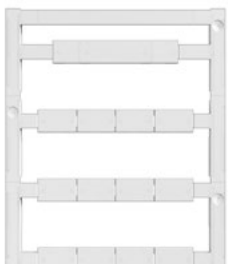
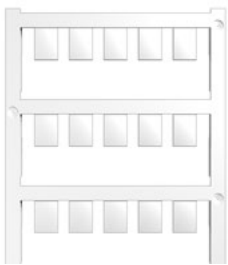
Tag rail	Type	Qty.	Order No.
Note			

Technical drawing / application



ESG MultiCard

ESG 8/11	11 mm	ESG 8/13.5/43.3	13.5 mm
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Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PA 66
V-2
-40 °C...100 °C
Beckhoff, WAGO I/O Module
11 mm
8 mm

PA 66
V-2
-40 °C...100 °C
WI SAI ACTIVE
13.5 mm
8 mm

Ordering data

MultiCard Blank
white
Transparent
blue
MultiCard custom printing
To customer specification
blue
Note

Type	Qty.	Order No.
ESG 8/11 MC NE WS	200	1897570000
ESG 8/11 MC SDR	40	1038850000
Please send M-Print PRO file		

Type	Qty.	Order No.
ESG 8/13.5/43.3 SAI AU	5	1912130000
ESG 8/13.5/43.3 SAI SDR	1	1038860000
Please send M-Print PRO file		

Technical drawing / application



ESG MultiCard

ESG 8/17

17 mm



ESG 8/17 L

17 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PA 66
V-2
-40 °C...100 °C
Telemechanique, ifm-electronics
17 mm
8 mm

PA 66
V-2
-40 °C...100 °C
Lumberg
17 mm
8 mm

Ordering data

MultiCard Blank
white
Transparent
blue
MultiCard custom printing
To customer specification
blue
Note

Type	Qty.	Order No.
ESG 8/17 MC NE WS	200	1674740000
ESG 8/17 MC SDR	40	1674750000
Please send M-Print PRO file		

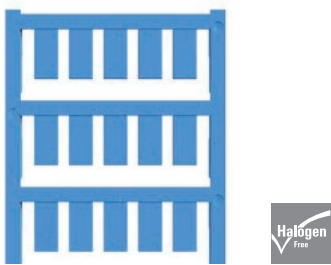
Type	Qty.	Order No.
ESG 8/17 L MC NE WS	200	1890470000
ESG 8/17 L MC SDR	40	1038870000
Please send M-Print PRO file		

Technical drawing / application



ESG MultiCard

ESG-DT 8/17 K17 mm



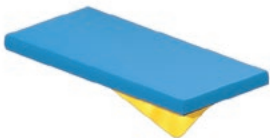
Technical data

Basic material	Polyamide 66
Fire class acc. to UL 94	HB
Ambient temperature (operational)	-40 °C...60 °C
Application/manufacturer	
Width	17 mm
Height	8 mm
Note	

Ordering data

MultiCard Blank	Type	Qty.	Order No.
white			
Transparent			
blue	ESG-DT 8/17 K MC NE BL	200	3008490000
MultiCard custom printing			
To customer specification			
blue	ESG-DT 8/17 K MC SDR	40	3008980000
Note	Please send M-Print PRO file		

Technical drawing / application



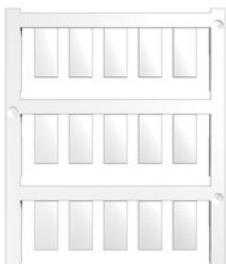
ESG MultiCard

ESG 8/17 SCHS

17 mm

ESG 8/17 SYS PRO

17 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PA 66
V-2
-40 °C...100 °C
Tag rail SchS2
17 mm
8 mm

PA 66
V-2
-40 °C...100 °C
AEG, ABB-Stotz
17 mm
8 mm

Ordering data

MultiCard Blank
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
ESG 8/17 SCHS MC NE WS	200	1720610000
ESG 8/17 SCHS MC SDR	40	1766640000
Please send M-Print PRO file		

Type	Qty.	Order No.
ESG 8/17 SYS PRO M WS	200	1755340000
ESG 8/17 SYS PRO M SDR	40	1755350000
Please send M-Print PRO file		

Accessories

Note

Type	Qty.	Order No.
SCHS2 K	1	1720600000
SCHS2	1	0337400000

Type	Qty.	Order No.

Technical drawing / application



ESG MultiCard

ESG 8/17 OF17 mm



Technical data

Basic material	PA 66
Fire class acc. to UL 94	V-2
Ambient temperature (operational)	-40 °C...100 °C
Application/manufacturer	Ifm-electronic AC5200
Width	17 mm
Height	8 mm
Note	

Ordering data

MultiCard Blank	Type	Qty.	Order No.
white	ESG 8/17 OF MC NE WS	200	2681860000
MultiCard custom printing			
To customer specification	ESG 8/17 OF MC SDR	40	2682060000
Note	Please send M-Print PRO file		

Technical drawing / application



ESG MultiCard

ESG 8/19

19 mm

ESG 9/10

10 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PA 66
V-2
-40 °C...100 °C
AEG
19 mm
8 mm

PA 66
V-2
-40 °C...100 °C
10 mm
9 mm

Ordering data

MultiCard Blank	
white	○
yellow	●
blue	●
MultiCard custom printing	
To customer specification	
blue	●
Note	

Type	Qty.	Order No.
ESG 8/19 MC NE WS	200	1652220000
ESG 8/19 MC SDR	40	1652230000
Please send M-Print PRO file		

Type	Qty.	Order No.
ESG 9/10 MC NE WS	200	1775910000
ESG 9/10 MC SDR	40	1038880000
Please send M-Print PRO file		

Technical drawing / application



ESG MultiCard

ESG 9/11 K

11 mm

ESG 9/17.7 K

17.7 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PA 66
V-2
-40 °C...60 °C
Self-adhesive
11 mm
9 mm

PA 66
V-2
-40 °C...60 °C
LS switch, Self-adhesive
17.7 mm
9 mm

Ordering data

MultiCard Blank	
white	○
yellow	●
blue	●
MultiCard custom printing	
To customer specification	
blue	●
Note	

Type	Qty.	Order No.
ESG 9/11 K MC NE WS	200	1857440000
ESG 9/11 K MC SDR	40	1857450000
Please send M-Print PRO file		

Type	Qty.	Order No.
ESG 9/17.7 K MC NE WS	180	2047430000
ESG 9/17.7 K MC SDR	36	2047550000
Please send M-Print PRO file		

Technical drawing / application



ESG MultiCard

ESG 9/17

17 mm



ESG 9/17 K

17 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PA 66
V-2
-40 °C...100 °C
CLI TM sleeve
17 mm
9 mm

PA 66
V-2
-40 °C...60 °C
Self-adhesive
17 mm
9 mm

Ordering data

MultiCard Blank	
white	○
yellow	●
blue	●
MultiCard custom printing	
To customer specification	
blue	●
Note	

Type	Qty.	Order No.
ESG 9/17 MC NE WS	200	1724760000
ESG 9/17 MC SDR	40	1770480000
Please send M-Print PRO file		

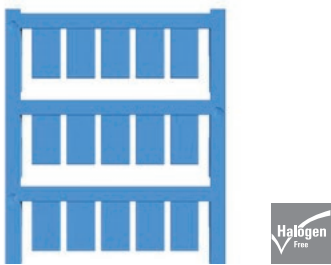
Type	Qty.	Order No.
ESG 9/17 K MC NE WS	200	1674760000
ESG 9/17 K MC NE GE	200	1753500000
ESG 9/17 K MC SDR	40	1674770000
Please send M-Print PRO file		

Technical drawing / application



ESG MultiCard

ESG-DT 9/17 K17 mm



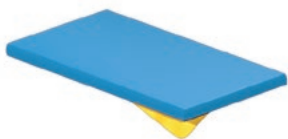
Technical data

Basic material	Polyamide 66
Fire class acc. to UL 94	HB
Ambient temperature (operational)	-40 °C...60 °C
Application/manufacturer	
Width	17 mm
Height	9 mm
Note	

Ordering data

MultiCard Blank	Type	Qty.	Order No.
white			
yellow			
blue	ESG-DT 9/17 K MC NE BL	200	3008480000
MultiCard custom printing			
To customer specification			
blue	ESG-DT 9/17 K MC SDR	40	3008970000
Note	Please send M-Print PRO file		

Technical drawing / application



ESG MultiCard

ESG 9/20

20 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PA 66
V-2
-40 °C...100 °C
Siemens, Moeller, WI SAI distributor, ifm-electronics
20 mm
9 mm

Ordering data

MultiCard Blank	
yellow	●
Turquoise	●
white	○
MultiCard custom printing	
To customer specification	
Note	

Type	Qty.	Order No.
ESG 9/20 MC NE GE	200	1766160000
ESG 9/20 MC NE TK	200	1866690000
ESG 9/20 MC NE WS	200	1609940000
ESG 9/20 MC SDR	40	1609950000
Please send M-Print PRO file		

ESG 9/20 L

20 mm



PA 66
V-2
-40 °C...100 °C
Lumberg
20 mm
9 mm

Type	Qty.	Order No.
ESG 9/20 L MC NE GE	200	1010860000
ESG 9/20 L MC NE WS	200	1890460000
ESG 9/20 L MC SDR	40	1968140000
Please send M-Print PRO file		

Technical drawing / application



ESG MultiCard

ESG 9/20 O.F.

20 mm

ESG 9/20 Universal

20 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PA 66
V-2
-40 °C...100 °C
TMC sleeve
20 mm
9 mm

PA 66
V-2
-40 °C...100 °C
Murr, Festo CPV/CPI
20 mm
9 mm

Ordering data

MultiCard Blank
white
blue
red
yellow
grey
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
ESG 9/20 O.F MC NE WS	200	1770500000
ESG 9/20 O.F MC SDR	40	1770510000
Please send M-Print PRO file		

Type	Qty.	Order No.
ESG 9/20 UNI MC NE WS	200	1856720000
ESG 9/20 UNI MC SDR	40	1856730000
Please send M-Print PRO file		

Accessories

Note

Type	Qty.	Order No.
TMC 9/20	250	1724790000

Type	Qty.	Order No.

Technical drawing / application



ESG MultiCard

ESG 9/6

6 mm

ESG 10/17

17 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PA 66
V-2
-40 °C...100 °C
WI SAI ACTIVE
6 mm
9 mm

PA 66
V-2
-40 °C...100 °C
Allen-Bradley, Festo MT
17 mm
10 mm

Ordering data

MultiCard Blank
white
blue
red
yellow
grey
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
ESG 9/6 MC NE WS	400	1888360000
ESG 9/6 MC SDR	80	1038940000
Please send M-Print PRO file		

Type	Qty.	Order No.
ESG 10/17 MC NE WS	200	1856700000
ESG 10/17 MC SDR	40	1856710000
Please send M-Print PRO file		

Technical drawing / application



ESG MultiCard

ESG X20 10/7

7 mm

ESG B&R X20

10 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PA 66
V-2
-40 °C...100 °C
B&R X20 System
7 mm
10 mm

PA 66
V-2
-40 °C...100 °C
B&R X20 System
10 mm
2.5 mm

Ordering data

MultiCard Blank	
white	○
blue	●
red	●
yellow	●
grey	●
MultiCard custom printing	
To customer specification	
Note	

Type	Qty.	Order No.
ESG X20 10/7 MC NE WS	240	1026550000
ESG X20 10/7 MC NE BL	240	1026560000
ESG X20 10/7 MC NE RT	240	1026570000
ESG X20 10/7 MC SDR	48	1038930000
Please send M-Print PRO file		

Type	Qty.	Order No.
ESG X20 MC NE WS	1120	1001140001
ESG X20 MC NE BL	1120	1001150001
ESG X20 MC NE RT	1120	1001170001
ESG X20 MC SDR	224	1038890000
Please send M-Print PRO file		

Technical drawing / application



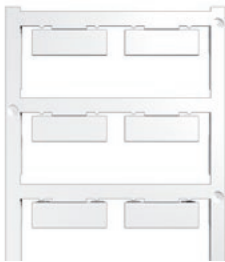
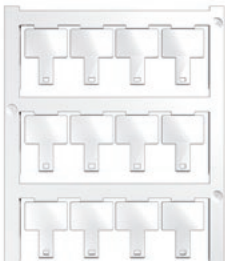
ESG MultiCard

ESG 15/10

15 mm

ESG 9/26 SCM ECO

26 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PA 66
V-2
-40 °C...100 °C
Siemens ET 200SP
15 mm
10 mm

PA 66
V-2
-40 °C...100 °C
Weidmueller, D-Series 27 mm
26 mm
9 mm

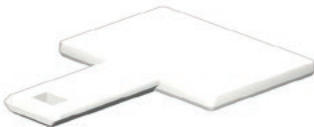
Ordering data

MultiCard Blank
white
blue
red
yellow
grey
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
ESG 15/10 MC NE WS	160	2047360000
ESG 15/10 MC SDR	32	2047540000
Please send M-Print PRO file		

Type	Qty.	Order No.
ESG 9/26 SCM ECO MC NE WS	80	1520980000
ESG 9/26 SCM ECO MC NE GE	80	1520990000
ESG 9/26 SCM ECO MC NE GR	80	1521000000
ESG 9/26 SCM ECO MC SDR	16	1525800000
Please send M-Print PRO file		

Technical drawing / application



ESG MultiCard

ESG-M 8/20

20 mm

ESG-M 9/17

17 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PA 66
V-2
-40 °C...100 °C
Murr Cube67 & MVK MP
20 mm
8 mm

PA 66
V-2
-40 °C...100 °C
Murr MVP Module
17 mm
9 mm

Ordering data

MultiCard Blank
white
blue
red
yellow
grey
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
ESG-M 8/20 MC NE WS	200	1027290000
ESG-M 8/20 MC SDR	40	1038910000
Please send M-Print PRO file		

Type	Qty.	Order No.
ESG-M 9/17 MC NE WS	200	1027280000
ESG-M 9/17 MC SDR	40	1038920000
Please send M-Print PRO file		

Technical drawing / application



ESG MultiCard – cross-manufacturer equipment identification

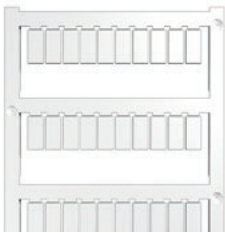
ESG MultiCard

ESG-FI 12/6

6 mm

ESG-FI 9/15

15 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PA 66
V-2
-40 °C...100 °C
Finder
6 mm
12 mm

PA 66
V-2
-40 °C...100 °C
Finder
15 mm
9 mm

Ordering data

MultiCard Blank
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
ESG-FI 12/6 MC NE WS	400	2681820000
ESG-FI 12/6 MC SDR	80	2681910000
Please send M-Print PRO file		

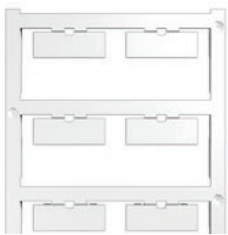
Type	Qty.	Order No.
ESG-FI 9/15 MC NE WS	200	2681830000
ESG-FI 9/15 MC SDR	40	2681960000
Please send M-Print PRO file		

Technical drawing / application



ESG MultiCard

ESG-FI 9/2525 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PA 66
V-2
-40 °C...100 °C
Finder
25 mm
9 mm

Ordering data

MultiCard Blank
white
MultiCard custom printing
To customer specification
Note

Type	Qty.	Order No.
ESG-FI 9/25 MC NE WS	64	2681850000
ESG-FI 9/25 MC SDR	16	2682010000
Please send M-Print PRO file		

Technical drawing / application



SM – SwitchMark MultiCard

Exemplary functional marking for control and signalling devices

Equipment-specific labelling for safe control

To avoid incorrect operation, clear identification is essential when controlling the functions of control and signalling devices. Designed specifically to meet this need, the SwitchMark system covers the entire range of requirements of the respective application areas. The signs are snapped into the holders designed for the different manufacturers' control and signalling devices or fastened in place using the adhesive tape that has been applied previously. Alternatively, choose a set containing both holders and signs. Even for the many variations in cam-switch positions, the SwitchMark range contains the appropriately shaped signs for accurate labelling. Combined with Weidmüller's marking systems, you can print the signs independently and as required for the application in an individual layout – including all the relevant additional information.

SwitchMark – the benefits to you

- Practical: signs for various device manufacturers or holders with shields from Weidmüller in a set
- Easy to install: glue or snap in place
- Individual: application-precise in terms of number and labelling
- Cost efficient: no need to store standard signs



PrintJet CONNECT



PrintJet MINI



Holders and signs are available in sets in the most common sizes and versions for control and signalling devices from Siemens (type 35B) or ABB (type ONFB72).



You can use the SwitchMark system-solution to cover a variety of cam controllers from various manufacturers.



Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C

Technical data detectable markers

Material	Polyamide 66, halogen-free
UL 94 flammability rating	HB
Temperature range	-40 °C to 100 °C

Ordering data

Colour	International colour code colours, not contained in the range, are available on request.
Special printing	Specify special printing and colours per using the M-Print® PRO software.
Printing	Black or colour
Possible printing systems	PrintJet CONNECT, PrintJet MINI, PrintJet ADVANCED
Minimum order quantity	1 pack = 5 cards

42 mm



Polyamide 66
V-2
-40 °C...60 °C
42 mm
19 mm

[illegible]

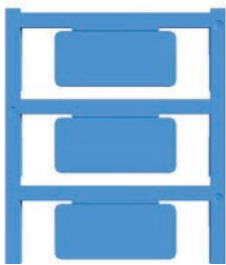
SwitchMark MultiCard

SM-DT 19/24 K

42 mm

SM 22/22

22 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
HB
-40 °C...60 °C
42 mm
19 mm

Polyamide 66
V-2
-40 °C...60 °C
22 mm
22 mm

Ordering data

MultiCard Blank
blue
yellow
grey
silver
white
green
red
MultiCard custom printing
blue
To customer specification
MultiCard Blank, self adhesive
yellow
grey
white
silver
red
blue
MultiCard Blank, self adhesive, custom printing
To customer specification
blue
Note

Type	Qty.	Order No.
SM-DT 19/42 K MC NE BL	40	3008450000
SM-DT 19/42 K MC SDR	8	3008840000
Please send M-Print PRO file		

Type	Qty.	Order No.
SM 22/22 K MC NE GE	80	1131830000
SM 22/22 K MC NE GR	80	1014650000
SM 22/22 K MC NE WS	80	1877570000
SM 22/22 K MC NE SI	80	1877590000
SM 22/22 K MC SDR	16	1877580000
Please send M-Print PRO file		

Accessories

Protective film
Holder
Note

Type	Qty.	Order No.
ETO SM 27/8	10	1720570000

Type	Qty.	Order No.
ETO SM 22/22 TRANSPAR.	10	1880720000

Technical drawing / application



SwitchMark MultiCard

SM 27/8

27 mm

SM 27/12.5

27 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...60 °C
27 mm
8 mm

Polyamide 66
V-2
-40 °C...60 °C
27 mm
12.5 mm

Ordering data

MultiCard Blank	
blue	●
yellow	●
grey	●
silver	●
white	○
green	●
red	●
MultiCard custom printing	
blue	●
To customer specification	
MultiCard Blank, self adhesive	
yellow	●
grey	●
white	○
silver	●
red	●
blue	●
MultiCard Blank, self adhesive, custom printing	
To customer specification	
blue	●
Note	

Type	Qty.	Order No.
SM 27/8 MC NE GE	80	1131870000
SM 27/8 MC NE GR	80	1079470000
SM 27/8 MC NE SI	80	1713680000
SM 27/8 MC NE WS	80	1699820000
SM 27/8 MC SDR	16	1699830000
SM 27/8 K MC NE GE	80	1131820000
SM 27/8 K MC NE GR	80	1079480000
SM 27/8 K MC NE WS	80	1812630000
SM 27/8 K MC NE SI	80	1771930000
Please send M-Print PRO file		

Type	Qty.	Order No.
SM 27/12.5 MC NE GE	80	1131860000
SM 27/12.5 MC NE GR	80	1079490000
SM 27/12.5 MC NE SI	80	1713700000
SM 27/12.5 MC NE WS	80	1699840000
SM 27/12.5 SDR	16	1699850000
SM 27/12.5 K MC NE GE	80	1131810000
SM 27/12.5 K MC NE GR	80	1027830000
SM 27/12.5 K MC NE WS	80	1699880000
SM 27/12.5 K MC NE SI	80	1713720000
SM 27/12.5 K MC SDR	16	1699890000
Please send M-Print PRO file		

Accessories

Protective film
Holder
Note

Type	Qty.	Order No.
ETO SM 27/8	10	1720570000

Type	Qty.	Order No.
ETO SM 27/12,5	10	1720580000
SM-H 27/12.5 SW	25	1716640000

Technical drawing / application



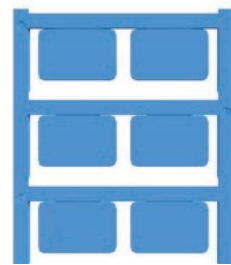
SwitchMark MultiCard

SM 27/18

27 mm

SM-DT 27/18

18 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...60 °C
Application/manufacturer
Width
Height
Note

Polyamide 66
HB
-40 °C...60 °C
Application/manufacturer
Width
Height
Note

Ordering data

MultiCard Blank
blue
yellow
grey
silver
white
green
red
MultiCard custom printing
blue
To customer specification
MultiCard Blank, self adhesive
yellow
grey
white
silver
red
blue
MultiCard Blank, self adhesive, custom printing
To customer specification
blue
Note

Type	Qty.	Order No.
SM 27/18 MC NE GE	80	1131850000
SM 27/18 MC NE GR	80	1014640000
SM 27/18 MC NE SI	80	1713740000
SM 27/18 MC NE WS	80	1699860000
SM 27/18 MC NE GN	80	1346130000
SM 27/18 MC NE RT	80	1906110000
SM 27/18 MC SDR	16	1699870000
SM 27/18 K MC NE GE	80	1915340000
SM 27/18 K MC NE GR	80	1073340000
SM 27/18 K MC NE WS	80	1707270000
SM 27/18 K MC NE SI	80	1713760000
SM 27/18 K MC NE RT	80	1906120000
SM 27/18 K MC SDR	16	1707280000
Please send M-Print PRO file		

Type	Qty.	Order No.
SM-DT 27/18 MC NE BL	80	3008470000
SM-DT 27/18 MC SDR	16	3008880000
SM-DT 27/18 K MC NE BL	80	3008460000
SM-DT 27/18 K MC SDR	16	3008850000
Please send M-Print PRO file		

Accessories

Protective film
Holder
Note

Type	Qty.	Order No.
ETO SM 27/18 TRANSPAR.	10	1720590002
SM-H 27/18 SW	25	1716630000

Type	Qty.	Order No.
SM-DT-H 27/18 BL	25	3009080000

Technical drawing / application



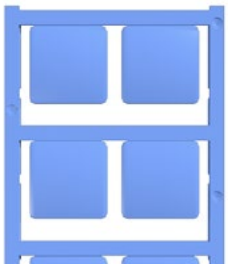
SwitchMark MultiCard

SM 27/27

27 mm

SM-DT 27/27

27 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...60 °C
27 mm
27 mm

Polyamide 66
HB
-40 °C...60 °C
27 mm
27 mm

Ordering data

MultiCard Blank	
blue	●
yellow	●
grey	●
silver	●
white	○
green	●
red	●
MultiCard custom printing	
blue	●
To customer specification	
MultiCard Blank, self adhesive	
yellow	●
grey	●
white	○
silver	●
red	●
blue	●
MultiCard Blank, self adhesive, custom printing	
To customer specification	
blue	●
Note	

Type	Qty.	Order No.
SM 27/27 MC NE GE	60	1131840000
SM 27/27 MC NE GR	60	1079510000
SM 27/27 MC NE SI	60	1773230000
SM 27/27 MC NE WS	60	1773220000
SM 27/27 MC SDR	12	1773240000
SM 27/27 K MC NE GE	60	1131800000
SM 27/27 K MC NE GR	60	1079520000
SM 27/27 K MC NE WS	60	1783000000
SM 27/27 K MC NE SI	60	1782990000
SM 27/27 K MC SDR	12	1783010000
Please send M-Print PRO file		

Type	Qty.	Order No.
SM-DT 27/27 MC NE BL	60	2737780000
SM-DT 27/27 MC SDR	12	3008950000
SM-DT 27/27 K MC NE BL	60	2737790000
SM-DT 27/27 K MC SDR	12	3008960000
Please send M-Print PRO file		

Accessories

Protective film
Holder
Note

Type	Qty.	Order No.
ETO SM 27/27	10	1805840000
SM-H 27/27 SW	10	1782710000

Technical drawing / application



SwitchMark MultiCard

SM 37.5/17

37.5 mm

SM 27/18-22

27 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
37.5 mm
17 mm

Polyamide 66
V-2
-40 °C...60 °C
27 mm
53.75 mm

Ordering data

MultiCard Blank
blue
yellow
grey
silver
white
green
red
MultiCard custom printing
blue
To customer specification
MultiCard Blank, self adhesive
yellow
grey
white
silver
red
blue
MultiCard Blank, self adhesive, custom printing
To customer specification
blue
Note

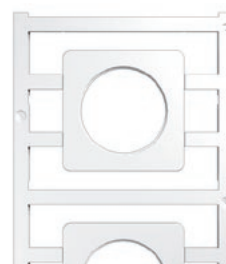
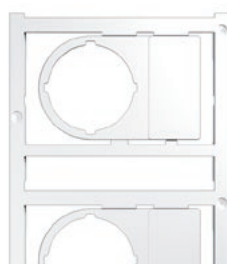
Type	Qty.	Order No.
SM 37.5/17 MC NE GR	40	1336720000
SM 37.5/17 MC NE WS	40	1336710000
SM 37.5/17 MC SDR	8	1336680000
Please send M-Print PRO file		

Type	Qty.	Order No.
SM 27/18-22 K MC NE GR	40	1428180000
SM 27/18-22 K MC NE WS	40	1428170000
SM 27/18-22 K MC SDR	8	1433870000
Please send M-Print PRO file		

Technical drawing / application



42 mm



SwitchMark MultiCard

SM 44/44-21

44 mm

SM 45/45-24

45 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
for cam switches, ABB, Type ON and OL40
44 mm
44 mm

Polyamide 66
V-2
-40 °C...100 °C
for cam switches, Eaton Moeller
45 mm
45 mm

Ordering data

MultiCard Blank	
blue	●
yellow	●
grey	●
silver	●
white	○
green	●
red	●
MultiCard custom printing	
blue	●
To customer specification	
MultiCard Blank, self adhesive	
yellow	●
grey	●
white	○
silver	●
red	●
blue	●
MultiCard Blank, self adhesive, custom printing	
To customer specification	
blue	●
Note	

Type	Qty.	Order No.
SM 44/44-21 MC NE GE	20	1323580000
SM 44/44-21 MC NE GR	20	1323600000
SM 44/44-21 MC NE WS	20	1323570000
SM 44/44-21 MC SDR	4	1323640000
Please send M-Print PRO file		

Type	Qty.	Order No.
SM 45/45-24 MC NE GE	20	1248660000
SM 45/45-24 MC NE GR	20	1248670000
SM 45/45-24 MC NE WS	20	1248650000
SM 45/45-24 MC SDR	4	1248570000
Please send M-Print PRO file		

Technical drawing / application



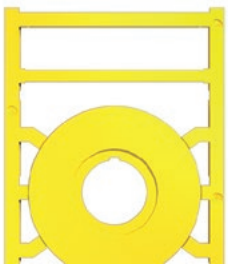
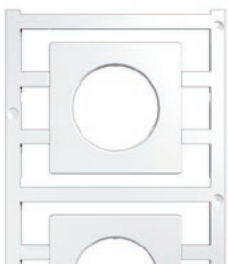
SwitchMark MultiCard

SM 46/46-30

46 mm

SM DIA 60-22

60 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
for cam switches, Type S0, Kraus & Naimer
46 mm
46 mm

Polyamide 66
V-2
-40 °C...60 °C
ø 60 - 22 mm, Siemens 3 SB, Eaton Moeller M22-PV
60 mm
60 mm

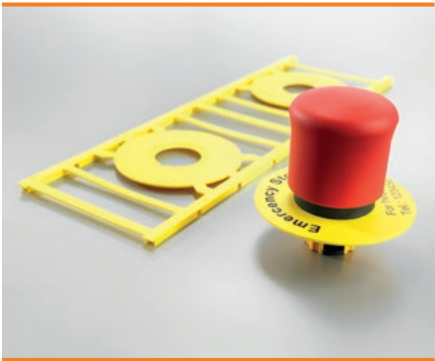
Ordering data

MultiCard Blank
blue
yellow
grey
silver
white
green
red
MultiCard custom printing
blue
To customer specification
MultiCard Blank, self adhesive
yellow
grey
white
silver
red
blue
MultiCard Blank, self adhesive, custom printing
To customer specification
blue
Note

Type	Qty.	Order No.
SM 46/46-30 MC NE GE	20	1323510000
SM 46/46-30 MC NE GR	20	1323520000
SM 46/46-30 MC NE WS	20	1323500000
SM 46/46-30 MC SDR	4	1323610000
Please send M-Print PRO file		

Type	Qty.	Order No.
SM DIA 60-22 K MC NE GE	10	1323750000
SM DIA 60-22 MC SDR	2	1323740000
Please send M-Print PRO file		

Technical drawing / application



CC – ClipCard MultiCard

The alternative to engraved device markers

Brilliant printing results without of high costs

With its crisply printed labelling area in various sizes, the multi-functional ClipCard is on an equal footing with engraved device markers. Mounted at eye-level, it is the ideal alternative for marking electrical installations and switching facilities, and uses the full range of attachment types.

From simple device identification through to the labelling of pipework, valves, motors or lamps in accordance with DIN V VDE V 0108 (part 100), or creating nameplates with a colour firm logo, you cover the entire marking requirements reliably and cost-efficiently with the ClipCard range.

ClipCard – the benefits to you

- Economic: highly resistant labelling in engraved quality
- Easy to install: all types of attachment in one format
- Comprehensive: a wide range of applications thanks to the variety of sizes and design options



PrintJet CONNECT



PrintJet MINI



The signs are pre-drilled or have double-sided adhesive tape attached giving you tremendous time savings during installation.



There are matching holders for additional mounting possibilities: snap-locking or using cable ties.



Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C
Temperature range	-40 °C to 60 °C (self-adhesive)
Approved air humidity	Max. 60 %, only for screwable markers

Technical data detectable markers

Material	Polyamide 66, halogen-free
UL 94 flammability rating	HB
Temperature range	-40 °C to 100 °C

Ordering data

Colour	International colour code colours, not contained in the range, are available on request.
Special printing	Specify special printing and colours per using the M-Print® PRO software.
Printing	Black or colour
Possible printing systems	PrintJet CONNECT, PrintJet MINI, PrintJet ADVANCED
Minimum order quantity	1 pack = 5 cards

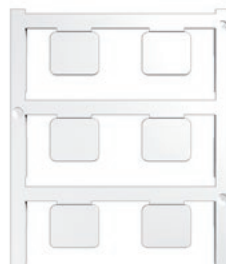
ClipCard MultiCard

CC 15/17

17 mm

CC 15/27

27 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
standard: -40...100 °C; adhesive backing: -40...60 °C
Holder CC-H 15/17
17 mm
15 mm

Polyamide 66
V-2
Standard: -40...100 °C; Self adhesive: -40...60 °C
Holder CC-H 15/27
27 mm
15 mm

Ordering data

MultiCard Blank	
white	○
yellow	●
grey	●
silver	●
blue	●
MultiCard custom printing	
To customer specification	
blue	●
MultiCard Blank, self adhesive	
yellow	●
grey	●
red	●
silver	●
white	○
blue	●
MultiCard Blank, self adhesive, custom printing	
To customer specification	
blue	●
Note	

Type	Qty.	Order No.
CC 15/17 MC NE WS	80	1876570000
CC 15/17 MC NE GE	80	1131930000
CC 15/17 MC NE GR	80	1079530000
CC 15/17 MC NE SI	80	1876610000
CC 15/17 MC SDR	16	1876620000
CC 15/17 K MC NE GE	80	1131920000
CC 15/17 K MC NE GR	80	1079540000
CC 15/17 K MC NE RT	80	1288320000
CC 15/17 K MC NE SI	80	1876580000
CC 15/17 K MC NE WS	80	1876590000
CC 15/17 K MC SDR	16	1876600000
Please send M-Print PRO file		

Type	Qty.	Order No.
CC 15/27 MC NE WS	80	1876770000
CC 15/27 MC NE GE	80	1131940000
CC 15/27 MC NE GR	80	1079550000
CC 15/27 MC NE SI	80	1876760000
CC 15/27 MC SDR	16	1876630000
CC 15/27 K MC NE GE	80	1131910000
CC 15/27 K MC NE GR	80	1079560000
CC 15/27 K MC NE RT	80	1288330000
CC 15/27 K MC NE SI	80	1876780000
CC 15/27 K MC NE WS	80	1876640000
CC 15/27 K MC SDR	16	1876750000
Please send M-Print PRO file		

Accessories

Note

Type	Qty.	Order No.
STR CC 15/17 TRANSPARENT	80	1888310000
ETO CC 15/17 TRANSPAR.	10	1880850000
CC-H 15/17	75	1790430000

Type	Qty.	Order No.
STR CC 15/27 TRANSPARENT	80	1888290000
ETO CC 15/27 TRANSPAR.	10	1880810000
CC-H 15/27	45	1790410000

Technical drawing / application



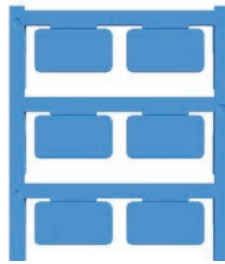
ClipCard MultiCard

CC-DT 15/27

27 mm

CC 15/45

45 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
HB
Self adhesive: -40...60 °C; Standard: -40...100 °C
27 mm
15 mm

Polyamide 66
V-2
Standard: -40...100 °C; Self adhesive: -40...60 °C
Rail
45 mm
15 mm

Ordering data

MultiCard Blank
white
yellow
grey
silver
blue
MultiCard custom printing
To customer specification
blue
MultiCard Blank, self adhesive
yellow
grey
red
silver
white
blue
MultiCard Blank, self adhesive, custom printing
To customer specification
blue
Note

Type	Qty.	Order No.
CC-DT 15/27 MC NE BL	80	3008540000
CC-DT 15/27 MC SDR	16	3008990000
CC-DT 15/27 K MC NE BL	80	3008620000
CC-DT 15/27 K MC SDR	16	3009000000
Please send M-Print PRO file		

Type	Qty.	Order No.
CC 15/45 MC NE WS	40	1111210000
CC 15/45 MC NE GE	40	1111230000
CC 15/45 MC NE GR	40	1111240000
CC 15/45 MC SDR	8	1111190000
CC 15/45 K MC NE GE	40	1111260000
CC 15/45 K MC NE GR	40	1111270000
CC 15/45 K MC NE WS	40	1111250000
CC 15/45 K MC SDR	8	1111200000
Please send M-Print PRO file		

Accessories

Note

Type	Qty.	Order No.
CC-DT-H 15/27 BL	45	3009090000

Type	Qty.	Order No.
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Technical drawing / application



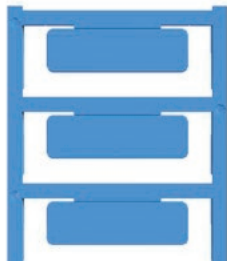
ClipCard MultiCard

CC 15/49

49 mm

CC-DT 15/49

49 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
Standard: -40...100 °C; Self adhesive: -40...60 °C
Holder CC-H 15/49
49 mm
15 mm

Polyamide 66
HB
Standard: -40...100 °C; Self adhesive: -40...60 °C
49 mm
15 mm

Ordering data

MultiCard Blank	
white	○
yellow	●
grey	●
silver	●
blue	●
MultiCard custom printing	
To customer specification	
blue	●
MultiCard Blank, self adhesive	
yellow	●
grey	●
red	●
silver	●
white	○
blue	●
MultiCard Blank, self adhesive, custom printing	
To customer specification	
blue	●
Note	

Type	Qty.	Order No.
CC 15/49 MC NE WS	40	1877260000
CC 15/49 MC NE GE	40	1076970000
CC 15/49 MC NE GR	40	1079570000
CC 15/49 MC NE SI	40	1877240000
CC 15/49 MC SDR	8	1877200000
CC 15/49 K MC NE GE	40	1131970000
CC 15/49 K MC NE GR	40	1079580000
CC 15/49 K MC NE RT	40	1288380000
CC 15/49 K MC NE SI	40	1877270000
CC 15/49 K MC NE WS	40	1877220000
CC 15/49 K MC SDR	8	1877230000
Please send M-Print PRO file		

Type	Qty.	Order No.
CC-DT 15/49 MC NE BL	40	3008630000
CC-DT 15/49 MC SDR	8	3009010000
CC-DT 15/49 K MC NE BL	40	3008650000
CC-DT 15/49 K MC SDR	8	3009020000
Please send M-Print PRO file		

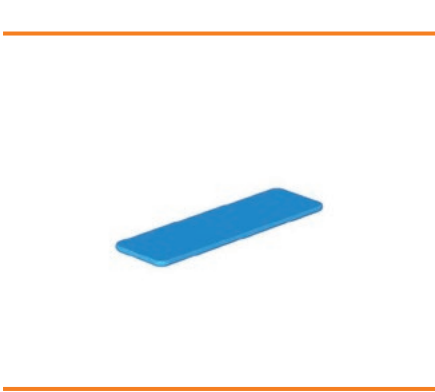
Accessories

Note	

Type	Qty.	Order No.
STR CC 15/49 TRANSPARENT	40	1888300000
ETO CC 15/49 TRANSPAR.	10	1880830000
CC-H 15/49	25	1790420000

Type	Qty.	Order No.
CC-DT-H 15/49 BL	25	3009100000

Technical drawing / application



ClipCard MultiCard

CC 15/60

60 mm

CC 15/60 04MM

60 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
Standard: -40...100 °C; Self adhesive: -40...60 °C
Holder CC-H 15/60
60 mm
15 mm

Polyamide 66
V-2
Standard: -40...100 °C
With hole
60 mm
15 mm

Ordering data

MultiCard Blank	
white	○
yellow	●
grey	●
silver	●
blue	●
MultiCard custom printing	
To customer specification	
blue	●
MultiCard Blank, self adhesive	
yellow	●
grey	●
red	●
silver	●
white	○
blue	●
MultiCard Blank, self adhesive, custom printing	
To customer specification	
blue	●
Note	

Type	Qty.	Order No.
CC 15/60 MC NE WS	40	1877350000
CC 15/60 MC NE GE	40	1131960000
CC 15/60 MC NE GR	40	1072640000
CC 15/60 MC NE SI	40	1877340000
CC 15/60 MC SDR	8	1877300000
CC 15/60 K MC NE GE	40	1131890000
CC 15/60 K MC NE GR	40	1072650000
CC 15/60 K MC NE RT	40	1288340000
CC 15/60 K MC NE SI	40	1877360000
CC 15/60 K MC NE WS	40	1877310000
CC 15/60 K MC SDR	8	1877320000
Please send M-Print PRO file		

Type	Qty.	Order No.
CC 15/60 04MM MC NE WS	40	1057580000
CC 15/60 04MM MC NE GE	40	1131880000
CC 15/60 04MM MC NE GR	40	1304060000
CC 15/60 04MM MC NE SI	40	1059990000
CC 15/60 04MM MC SDR	8	1060010000
Please send M-Print PRO file		

Accessories

Note

Type	Qty.	Order No.
STR CC 15/60 TRANSPARENT	40	1888280000
ETO CC 15/60 TRANSPAR.	10	1880840000
CC-H 15/60	25	1878910000

Type	Qty.	Order No.
STR CC 15/60 TRANSPARENT	40	1888280000

Technical drawing / application



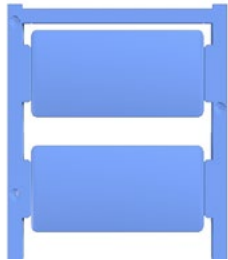
ClipCard MultiCard

CC 30/60

60 mm

CC-DT 30/60

60 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)

Polyamide 66
V-2
Standard: -40...100 °C;
Self adhesive: -40...60 °C

Polyamide 66
HB
Standard: -40...100 °C;
Self adhesive: -40...60 °C

Application/manufacturer
Width
Height

Holder CC-H 30/60
60 mm
30 mm

60 mm
30 mm

Note

Ordering data

MultiCard Blank

white
yellow
grey
silver
blue



Type	Qty.	Order No.
CC 30/60 MC NE WS	30	1934420000
CC 30/60 MC NE GE	30	1009320000
CC 30/60 MC NE GR	30	1072670000
CC 30/60 MC NE SI	30	1934400000

MultiCard custom printing

To customer specification
blue



CC 30/60 MC SDR	6	1934410000
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MultiCard Blank, self adhesive

yellow
grey
red
silver
white
blue



CC 30/60 K MC NE GE	30	1078320000
CC 30/60 K MC NE GR	30	1072680000
CC 30/60 K MC NE RT	30	1085430000
CC 30/60 K MC NE SI	30	1934330000
CC 30/60 K MC NE WS	30	1934390000

MultiCard Blank, self adhesive, custom printing

To customer specification
blue



CC 30/60 K MC SDR	6	1934370000
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Note

Please send M-Print PRO file

Type	Qty.	Order No.
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CC-DT 30/60 MC NE BL	30	2737720000
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CC-DT 30/60 MC SDR	6	3009050000
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CC-DT 30/60 K MC NE BL	30	2737730000
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CC-DT 30/60 K MC SDR	6	3009040000
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Please send M-Print PRO file

Accessories

Note

Type	Qty.	Order No.
STR CC 30/60 TRANSPARENT	10	1934450000
ETO CC 30/60 TRANSPAR.	10	1934440000
CC-H 30/60	10	1934430000

Technical drawing / application



ClipCard MultiCard

CC 30/60 04MM

60 mm

CC 85/27

85 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
Standard: -40...100 °C
With hole
60 mm
30 mm

Polyamide 66
V-2
Standard: -40...100 °C; Self adhesive: -40...60 °C
85 mm
27 mm

Ordering data

MultiCard Blank	
blue	●
yellow	●
green	●
grey	●
red	●
white	○
MultiCard custom printing	
To customer specification	
MultiCard Blank, self adhesive	
yellow	●
grey	●
silver	●
white	○
MultiCard Blank, self adhesive, custom printing	
To customer specification	
Note	

Type	Qty.	Order No.
CC 30/60 04MM MC NE BL	30	1158840000
CC 30/60 04MM MC NE GE	30	1083160000
CC 30/60 04MM MC NE GN	30	1158820000
CC 30/60 04MM MC NE GR	30	1083170000
CC 30/60 04MM MC NE RT	30	1158830000
CC 30/60 04MM MC NE WS	30	1083150000
CC 30/60 04MM MC SDR	6	1083190000
Please send M-Print PRO file		

Type	Qty.	Order No.
CC 85/27 MC NE GE	20	1520940000
CC 85/27 MC NE GR	20	1520970000
CC 85/27 MC NE WS	20	1520930000
CC 85/27 MC SDR	4	1525850000
CC 85/27 K MC NE GE	20	1526120000
CC 85/27 K MC NE GR	20	1526130000
CC 85/27 K MC NE SI	20	2123070000
CC 85/27 K MC NE WS	20	1526100000
CC 85/27 K MC SDR	4	1526140000
Please send M-Print PRO file		

Accessories

Note

Type	Qty.	Order No.

Type	Qty.	Order No.
CC-H 85/27 GR	40	1675130002
CC-H 85/27 SW	40	1675130001

Technical drawing / application



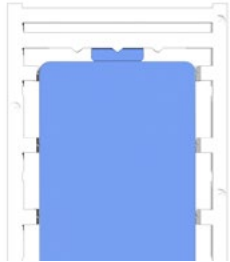
ClipCard MultiCard

CC 85/54

85 mm

CC-DT 85/54

85 mm



Detectable marker

Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)

Polyamide 66
V-2
Standard: -40...100 °C;
Self adhesive: -40...60 °C

Polyamide 66
HB
Standard: -40...100 °C;
Self adhesive: -40...60 °C

Application/manufacturer
Width
Height

Holder Logimark-H
85 mm
54 mm

85 mm
54 mm

Note

Ordering data

MultiCard Blank

yellow
grey
white
blue
red



MultiCard custom printing

To customer specification
blue



MultiCard Blank, self adhesive

yellow
grey
red
white
blue



MultiCard Blank, self adhesive, custom printing

To customer specification
blue



Note

Type	Qty.	Order No.
CC 85/54 MC NE GE	10	1138410000
CC 85/54 MC NE GR	10	1138420000
CC 85/54 MC NE WS	10	1138400000

CC 85/54 MC SDR	2	1138460000
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CC 85/54 K MC NE GE	10	1138440000
CC 85/54 K MC NE GR	10	1138450000
CC 85/54 K MC NE RT	10	1288390000
CC 85/54 K MC NE WS	10	1138430000

CC 85/54 K MC SDR	2	1138470000
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Please send M-Print PRO file

Type	Qty.	Order No.
CC-DT 85/54 MC NE BL	10	2737740000

CC-DT 85/54 MC SDR	2	3009060000
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CC-DT 85/54 K MC NE BL	10	2737750000
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CC-DT 85/54 K MC SDR	2	3009070000
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Please send M-Print PRO file

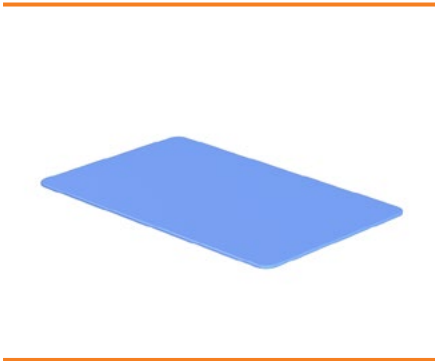
Accessories

Type	Qty.	Order No.
CC-H 85/54 BG	20	1631640003
CC-H 85/54 GR	20	1631640002
CC-H 85/54 SW	20	1631640001
CC-HO 85/54 SW	20	1603290000

Type	Qty.	Order No.
CC-DT-H 85/54 BL	20	2737770000

Note

Technical drawing / application



ClipCard MultiCard

CC 85/54 04MM

85 mm

CC DIA 30/3.5

30 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
Standard: -40...100 °C
With hole
85 mm
54 mm

Polyamide 66
V-2
Standard: -40...100 °C
With hole
30 mm
30 mm

Ordering data

MultiCard Blank	
yellow	●
grey	●
white	○
blue	●
red	●
MultiCard custom printing	
To customer specification	
blue	●
MultiCard Blank, self adhesive	
yellow	●
grey	●
red	●
white	○
blue	●
MultiCard Blank, self adhesive, custom printing	
To customer specification	
blue	●
Note	

Type	Qty.	Order No.
CC 85/54 04MM MC NE GE	10	1248490000
CC 85/54 04MM MC NE GR	10	1248510000
CC 85/54 04MM MC NE WS	10	1248480000
CC 85/54 04MM MC SDR	2	1248460000
Please send M-Print PRO file		

Type	Qty.	Order No.
CC DIA 30/3.5 MC NE GE	60	1266130000
CC DIA 30/3.5 MC NE GR	60	1266140000
CC DIA 30/3.5 MC NE WS	60	1266120000
CC DIA 30/3.5 MC NE RT	60	1434110000
CC DIA 30/3.5 MC SDR	12	1266150000
Please send M-Print PRO file		

Technical drawing / application



ClipCard MultiCard

CC DIA 30/4.2

30 mm

CC DIA 30 K

30 mm



Technical data

Basic material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
Standard: -40...100 °C
With hole
30 mm
30 mm

Polyamide 66
V-2
Self adhesive: -40...60 °C
Self-adhesive, Ø 30 mm
30 mm
30 mm

Ordering data

MultiCard Blank	
yellow	●
grey	●
white	○
blue	●
red	●
MultiCard custom printing	
To customer specification	
blue	●
MultiCard Blank, self adhesive	
yellow	●
grey	●
red	●
white	○
blue	●
MultiCard Blank, self adhesive, custom printing	
To customer specification	
blue	●
Note	

Type	Qty.	Order No.
CC DIA 30/4.2 MC NE GE	60	1248530000
CC DIA 30/4.2 MC NE GR	60	1248540000
CC DIA 30/4.2 MC NE WS	60	1248520000
CC DIA 30/4.2 MC SDR	12	1248470000
Please send M-Print PRO file		

Type	Qty.	Order No.
CC DIA 30 K MC NE GE	60	2047390000
CC DIA 30 K MC NE GR	60	2047400000
CC DIA 30 K MC NE WS	60	2047380000
CC DIA 30 K MC SDR	12	2047560000
Please send M-Print PRO file		

Technical drawing / application



Individual processing

The professional system for every standard



PrintJet CONNECT

Superior components in a comprehensive product line

Our labelling system allows you to label with precision and speed – without losing track.

Our completely matched line of materials, sizes and mounting options cover solutions for all of your particular operational needs.

The systematic use of PrintJet CONNECT and the M-Print®-PRO-software enables you to custom design and process facility labelling for all of your system components. The result is a consistently outstanding marking system.



PrintJet CONNECT enables you to print MetalliCards as standard.

The benefits for you

- Quality: durable materials for extreme conditions
- Customised: perfectly matched system components provide the best variety
- Efficient: tailor-made solutions from a single source
- Professional: in-house control of all marking processes



Precise colour printing across multiple tags of the same type – thanks to an inlay-secured printing process.



The universal inlay is designed to accept eight different tag types and is particularly suitable for printing small batch jobs.

Technical data

Tag material	Edelstahl 1.4301 (ST) oder eloxiertes Aluminium (AL)
Temperature range	-55 °C to +130 °C
Thickness	0.5 mm
Primer	100 impregnated cloths and hermetically sealed
Possible printing systems	PrintJet CONNECT, PrintJet ADVANCED

MetalliCard

CC-M 27/18

18 mm

CC-M 27/18 2X3

18 mm



Technical data

Ambient temperature (operational)
Width
Height
Drill-hole diameter
Diameter
Labelling field
Note

-55 °C...130 °C
18 mm
26.8 mm
25 x 15 mm

-55 °C...130 °C
18 mm
26.8 mm
3.30 mm
25 x 15 mm

Ordering data

MetalliCard Blank
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
MetalliCard custom printing
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
Note

Type	Qty.	Order No.
CC-M 27/18 ST	200	1327640000
CC-M 27/18 AL	200	1327630000
CC-M 27/18 ST SDR	1	1474120000
CC-M 27/18 AL SDR	1	1474110000
Please send M-Print PRO file		

Type	Qty.	Order No.
CC-M 27/18 2X3 ST	200	1463880000
CC-M 27/18 2X3 AL	200	1463870000
CC-M 27/18 2X3 ST SDR	1	3033030000
CC-M 27/18 2X3 AL SDR	1	3033040000
Please send M-Print PRO file		

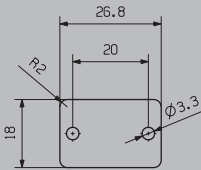
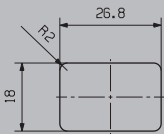
Accessories

Primer for pretreatment
Adhesive label
Inlay
Inlay
Note

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
DKB CC 27/18	320	1341140000
INLAY CC-M 27/18	1	1341040000
INLAY CC-M UNIVERSAL	1	1341120000

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
INLAY CC-M 27/18	1	1341040000
INLAY CC-M UNIVERSAL	1	1341120000

Technical drawing / application



MetalliCard

CC-M 85/27

85 mm

CC-M 85/27 2X3

85 mm



Technical data

Ambient temperature (operational)
Width
Height
Drill-hole diameter
Diameter
Labelling field
Note

-55 °C...130 °C
85 mm
27 mm
83.8 x 25.3 mm

-55 °C...130 °C
85 mm
27 mm
3.30 mm
83.8 x 25.3 mm

Ordering data

MetalliCard Blank
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
MetalliCard custom printing
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
Note

Type	Qty.	Order No.
CC-M 85/27 ST	80	1327670000
CC-M 85/27 AL	80	1327650000
CC-M 85/27 ST SDR	1	1474160000
CC-M 85/27 AL SDR	1	1474150000
Please send M-Print PRO file		

Type	Qty.	Order No.
CC-M 85/27 2X3 ST	80	1327840000
CC-M 85/27 2X3 AL	80	1327830000
CC-M 85/27 2X3 ST SDR	1	1474180000
CC-M 85/27 2X3 AL SDR	1	1474170000
Please send M-Print PRO file		

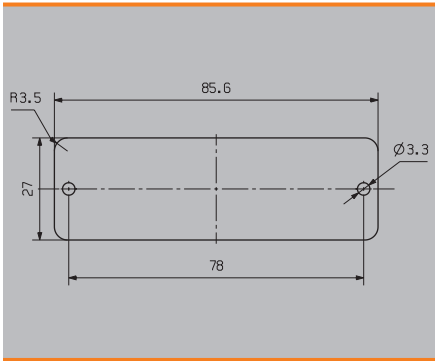
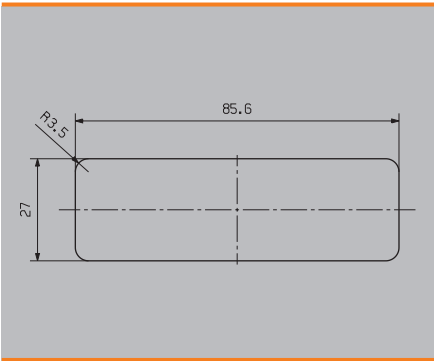
Accessories

Primer for pretreatment
Adhesive label
Inlay
Inlay
Note

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
DKB CC 85/27	100	1226620000
INLAY CC-M 85/27	1	1341050000
INLAY CC-M UNIVERSAL	1	1341120000

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
INLAY CC-M 85/27	1	1341050000
INLAY CC-M UNIVERSAL	1	1341120000

Technical drawing / application



MetalliCard

CC-M 10/30 2X2.5 30 mm

CC-M 58/35 34.8 mm



Technical data

Ambient temperature (operational)
Width
Height
Drill-hole diameter
Diameter
Labelling field
Note

-55 °C...130 °C
30 mm
10 mm
2.50 mm
10.2 x 22.5 mm

-55 °C...130 °C
34.8 mm
58 mm
56 x 33 mm

Ordering data

MetalliCard Blank
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
MetalliCard custom printing
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
Note

Type	Qty.	Order No.
CC-M 10/30 2X2.5 ST	200	1500150000
CC-M 10/30 2X2.5 AL	200	1483780000
CC-M 10/30 2X2.5 ST SDR	1	1505150000
CC-M 10/30 2X2.5 AL SDR	1	1505140000
Please send M-Print PRO file		

Type	Qty.	Order No.
CC-M 58/35 ST	100	1415730000
CC-M 58/35 AL	100	1415750000
CC-M 58/35 ST SDR	1	1474340000
CC-M 58/35 AL SDR	1	1474330000
Please send M-Print PRO file		

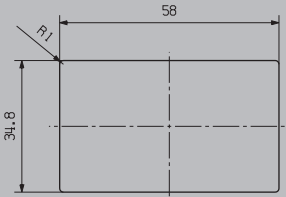
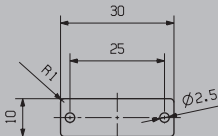
Accessories

Primer for pretreatment
Adhesive label
Inlay
Inlay
Note

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
INLAY CC-M 10/30	1	1483770000

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
INLAY CC-M 58/35	1	1415950000

Technical drawing / application



MetalliCard

CC-M 58/35 2X3

34.8 mm

CC-M 15/45

45 mm



Technical data

Ambient temperature (operational)
Width
Height
Drill-hole diameter
Diameter
Labelling field
Note

-55 °C...130 °C
34.8 mm
58 mm
3.40 mm
56 x 33 mm

-55 °C...130 °C
45 mm
15 mm
15.2 x 42.2 mm

Ordering data

MetalliCard Blank	
	Stainless steel 1.4301 (ST)
	Anodised aluminium (AL)
MetalliCard custom printing	
	Stainless steel 1.4301 (ST)
	Anodised aluminium (AL)
Note	

Type	Qty.	Order No.
CC-M 58/35 2X3 ST	100	1415670000
CC-M 58/35 2X3 AL	100	1415710000
CC-M 58/35 2X3 ST SDR	1	1474360000
CC-M 58/35 2X3 AL SDR	1	1474350000
Please send M-Print PRO file		

Type	Qty.	Order No.
CC-M 15/45 ST	200	1327740000
CC-M 15/45 AL	200	1327730000
CC-M 15/45 ST SDR	1	1474290000
CC-M 15/45 AL SDR	1	1474280000
Please send M-Print PRO file		

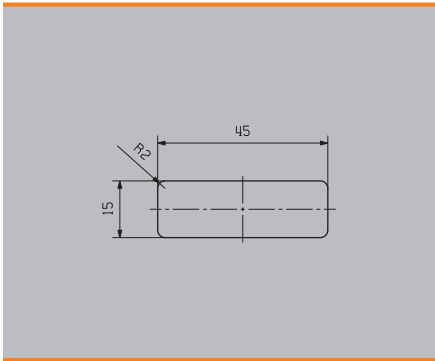
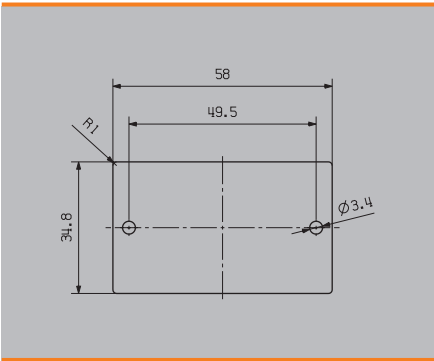
Accessories

	Primer for pretreatment
	Adhesive label
	Inlay
	Inlay
Note	

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
INLAY CC-M 58/35	1	1415950000

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
DKB CC 15/45	240	1341170000
INLAY CC-M 15/45	1	1341090000
INLAY CC-M UNIVERSAL	1	1341120000

Technical drawing / application



MetalliCard

CC-M 15/45 2X3

45 mm

CC-M 70/48

48 mm



Technical data

Ambient temperature (operational)
Width
Height
Drill-hole diameter
Diameter
Labelling field
Note

-55 °C...130 °C
45 mm
15 mm
3.30 mm
15.2 x 42.2 mm

-55 °C...130 °C
48 mm
70 mm
68 x 46 mm

Ordering data

MetalliCard Blank
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
MetalliCard custom printing
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
Note

Type	Qty.	Order No.
CC-M 15/45 2X3 ST	200	1327920000
CC-M 15/45 2X3 AL	200	1327900000
CC-M 15/45 2X3 ST SDR	1	1474320000
CC-M 15/45 2X3 AL SDR	1	1474310000
Please send M-Print PRO file		

Type	Qty.	Order No.
CC-M 70/48 ST	40	1415740000
CC-M 70/48 AL	40	1415770000
CC-M 70/48 ST SDR	1	1474380000
CC-M 70/48 AL SDR	1	1474370000
Please send M-Print PRO file		

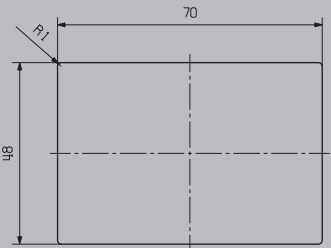
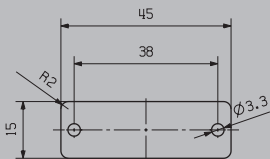
Accessories

Primer for pretreatment
Adhesive label
Inlay
Inlay
Note

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
INLAY CC-M 15/45	1	1341090000
INLAY CC-M UNIVERSAL	1	1341120000

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
INLAY CC-M 70/48	1	1415940000

Technical drawing / application



MetalliCard

CC-M 70/48 2X3

48 mm

CC-M 18/52 2X3

52 mm



Technical data

Ambient temperature (operational)
Width
Height
Drill-hole diameter
Diameter
Labelling field
Note

-55 °C...130 °C
48 mm
70 mm
3.30 mm
68 x 46 mm

-55 °C...130 °C
52 mm
18 mm
3.30 mm
16 x 50 mm

Ordering data

MetalliCard Blank
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
MetalliCard custom printing
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
Note

Type	Qty.	Order No.
CC-M 70/48 2X3 ST	40	1415680000
CC-M 70/48 2X3 AL	40	1415720000
CC-M 70/48 2X3 ST SDR	1	1474400000
CC-M 70/48 2X3 AL SDR	1	1474390000
Please send M-Print PRO file		

Type	Qty.	Order No.
CC-M 18/52 2X3 ST	200	1505350000
CC-M 18/52 2X3 AL	200	1390400000
CC-M 18/52 2X3 ST SDR	1	1505370000
CC-M 18/52 2X3 AL SDR	1	1505360000
Please send M-Print PRO file		

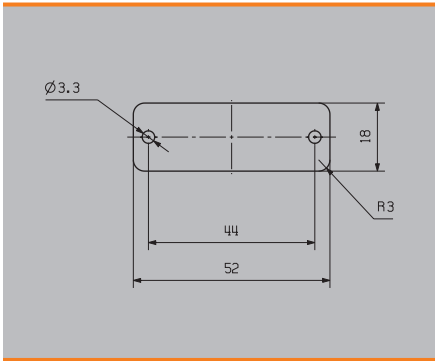
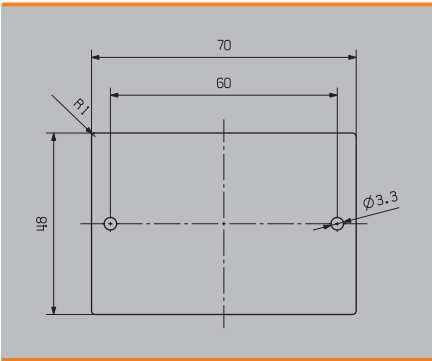
Accessories

Primer for pretreatment
Adhesive label
Inlay
Inlay
Note

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
INLAY CC-M 70/48	1	1415940000

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
INLAY CC-M 18/52	1	1390430000

Technical drawing / application



MetalliCard

CC-M 85/54

85 mm

CC-M 85/54 4X3

85 mm



Technical data

Ambient temperature (operational)
Width
Height
Drill-hole diameter
Diameter
Labelling field
Note

-55 °C...130 °C
85 mm
54 mm
83.8 x 52.4 mm

-55 °C...130 °C
85 mm
54 mm
3.30 mm
83.8 x 52.4 mm

Ordering data

MetalliCard Blank
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
MetalliCard custom printing
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
Note

Type	Qty.	Order No.
CC-M 85/54 ST	40	1327620000
CC-M 85/54 AL	40	1327600000
CC-M 85/54 ST SDR	1	1474060000
CC-M 85/54 AL SDR	1	1474070000
Please send M-Print PRO file		

Type	Qty.	Order No.
CC-M 85/54 4X3 ST	40	1327820000
CC-M 85/54 4X3 AL	40	1327800000
CC-M 85/54 4X3 ST SDR	1	1474090000
CC-M 85/54 4X3 AL SDR	1	1474080000
Please send M-Print PRO file		

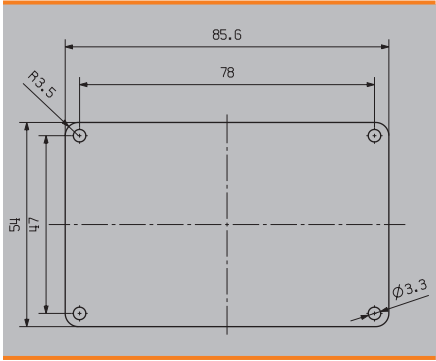
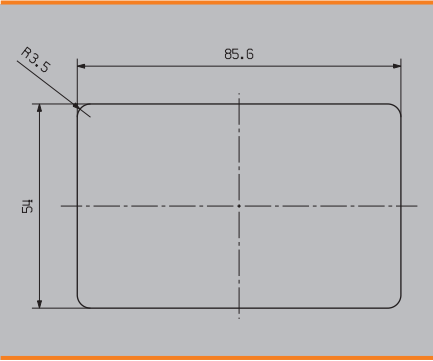
Accessories

Primer for pretreatment
Adhesive label
Inlay
Inlay
Note

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
DKB CC 85/54	100	1175850000
INLAY CC-M 85/54	1	1341030000
INLAY CC-M UNIVERSAL	1	1341120000

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
INLAY CC-M 85/54	1	1341030000
INLAY CC-M UNIVERSAL	1	1341120000

Technical drawing / application



MetalliCard

CC-M 15/60

60 mm

CC-M 15/60 2X3

60 mm



Technical data

Ambient temperature (operational)
Width
Height
Drill-hole diameter
Diameter
Labelling field
Note

-55 °C...130 °C
60 mm
15 mm
15.2 x 57.2 mm

-55 °C...130 °C
60 mm
15 mm
3.30 mm
15.2 x 57.2 mm

Ordering data

MetalliCard Blank
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
MetalliCard custom printing
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
Note

Type	Qty.	Order No.
CC-M 15/60 ST	200	1327720000
CC-M 15/60 AL	200	1327700000
CC-M 15/60 ST SDR	1	1474250000
CC-M 15/60 AL SDR	1	1474240000
Please send M-Print PRO file		

Type	Qty.	Order No.
CC-M 15/60 2X3 ST	200	1327890000
CC-M 15/60 2X3 AL	200	1327880000
CC-M 15/60 2X3 ST SDR	1	1474270000
CC-M 15/60 2X3 AL SDR	1	1474260000
Please send M-Print PRO file		

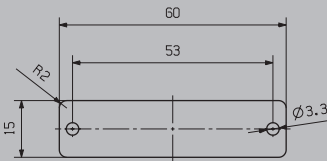
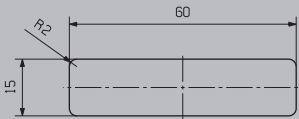
Accessories

Primer for pretreatment
Adhesive label
Inlay
Inlay
Note

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
DKB CC 15/60	160	1341150000
INLAY CC-M 15/60	1	1341080000
INLAY CC-M UNIVERSAL	1	1341120000

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
INLAY CC-M 15/60	1	1341080000
INLAY CC-M UNIVERSAL	1	1341120000

Technical drawing / application



MetalliCard

CC-M 30/60

60 mm

CC-M 30/60 2X3

60 mm



Technical data

Ambient temperature (operational)
Width
Height
Drill-hole diameter
Diameter
Labelling field
Note

-55 °C...130 °C
60 mm
30 mm
30.2 x 57.2 mm

-55 °C...130 °C
60 mm
30 mm
3.30 mm
30.2 x 57.2 mm

Ordering data

MetalliCard Blank
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
MetalliCard custom printing
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
Note

Type	Qty.	Order No.
CC-M 30/60 ST	100	1327690000
CC-M 30/60 AL	100	1327680000
CC-M 30/60 ST SDR	1	1474210000
CC-M 30/60 AL SDR	1	1474190000
Please send M-Print PRO file		

Type	Qty.	Order No.
CC-M 30/60 2X3 ST	100	1327870000
CC-M 30/60 2X3 AL	100	1327850000
CC-M 30/60 2X3 ST SDR	1	1474230000
CC-M 30/60 2X3 AL SDR	1	1474220000
Please send M-Print PRO file		

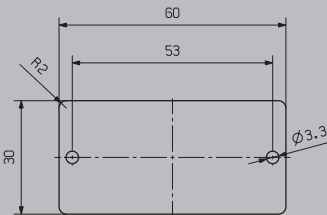
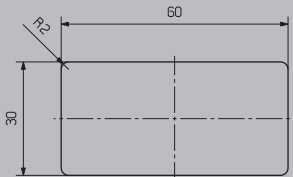
Accessories

Primer for pretreatment
Adhesive label
Inlay
Inlay
Note

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
DKB CC 30/60	100	1341130000
INLAY CC-M 30/60	1	1341070000
INLAY CC-M UNIVERSAL	1	1341120000

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
INLAY CC-M 30/60	1	1341070000
INLAY CC-M UNIVERSAL	1	1341120000

Technical drawing / application



MetalliCard

CC-M 27/70 2X3

70 mm

CC-M 43/70

70 mm



Technical data

Ambient temperature (operational)
Width
Height
Drill-hole diameter
Diameter
Labelling field
Note

-55 °C...130 °C
70 mm
27 mm
3.00 mm
68.3 x 25.3 mm

-55 °C...130 °C
70 mm
43 mm
41.3 x 68.3 mm

Ordering data

MetalliCard Blank
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
MetalliCard custom printing
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
Note

Type	Qty.	Order No.
CC-M 27/70 2X3 ST	80	1500190000
CC-M 27/70 2X3 AL	80	1500170000
CC-M 27/70 2X3 ST SDR	1	1505170000
CC-M 27/70 2X3 AL SDR	1	1505160000
Please send M-Print PRO file		

Type	Qty.	Order No.
CC-M 43/70 ST	80	1500220000
CC-M 43/70 AL	80	1500200000
CC-M 43/70 ST SDR	1	1505190000
CC-M 43/70 AL SDR	1	1505180000
Please send M-Print PRO file		

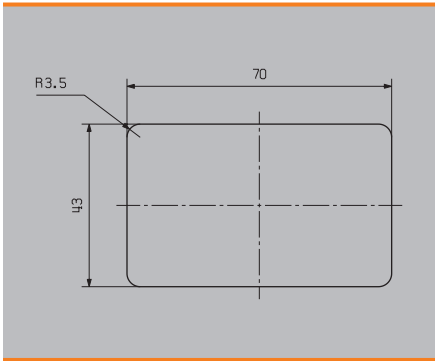
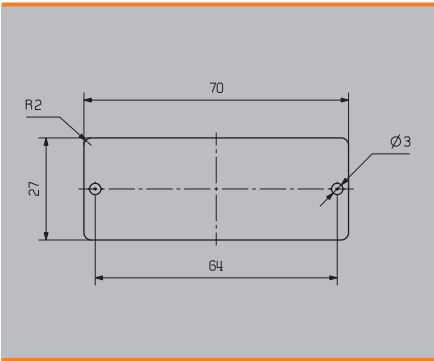
Accessories

Primer for pretreatment
Adhesive label
Inlay
Inlay
Note

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
INLAY CC-M 27/70	1	1500290000

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
DKB CC 43/70	100	1500340000
INLAY CC-M 43/70	1	1500300000

Technical drawing / application



MetalliCard

CC-M DIA 30



Technical data

Ambient temperature (operational)
Width
Height
Drill-hole diameter
Diameter
Labelling field
Note

-55 °C...130 °C
30 mm
4.20 mm
30 mm
28.2 x 28.2 mm

Ordering data

MetalliCard Blank
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
MetalliCard custom printing
Stainless steel 1.4301 (ST)
Anodised aluminium (AL)
Note

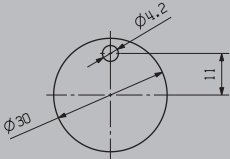
Type	Qty.	Order No.
CC-M DIA 30 ST	200	1327770000
CC-M DIA 30 AL	200	1327750000
CC-M DIA 30 ST SDR	1	1474420000
CC-M DIA 30 AL SDR	1	1474410000
Please send M-Print PRO file		

Accessories

Primer for pretreatment
Adhesive label
Inlay
Inlay
Note

Type	Qty.	Order No.
PRIMER CC-M	100	2068020000
DKB CC DIA 30	200	1341180000
INLAY CC-M DIA 30	1	1341100000
INLAY CC-M UNIVERSAL	1	1341120000

Technical drawing / application



Thermal transfer & MultiMark

Thermal transfer & MultiMark	Introduction	D.2
	THM MultiMark – the compact all-rounder	D.4
	THM MultiMark PLUS – robust design for larger print jobs	D.6
	THM MultiMark TWIN – Double-sided printing of shrink sleeves	D.8
	Introduction THM MultiMark LPC, THM MultiMark Plus R and MultiMark R-FIX	D.10
	THM MultiMark LPC – Labeling Processing Center	D.12
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	MultiMark in use	D.16
	Terminal block markers – Dekafix, WS, MultiFit and WAD	D.18
	Wire and cable markers – TM-I, WM, SFM, SFX, ELS and THM ET	D.22
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	Device markers – ESG, SM, CC, THM PV and EL	D.42
	Device markers – THM and LM	D.50

Marking solutions for the whole panel

MultiMark is the smart all-in-one system

With MultiMark you have a fast and reliable marking system at your disposal to enable virtually any kind of marking. Terminals, conductors, cables or devices – the MultiMark product family offers a well-structured, practical range of markers which can be used in combination with our advanced M-Print® PRO configuration software for all areas of use.

Cost-effectiveness, in particular for small and medium print volumes, results from the integration of the THM MultiMark rapid thermal transfer printer – without compromising the quality. Markings are very legible and resistant to external influences. The THM MultiMark PLUS printer is the ideal partner for medium to large print volumes.



THM MultiMark

The THM MultiMark is a robust and modular thermal transfer printer which is particularly beneficial when processing continuous materials. The optional cutting and perforating function allows the continuous material to be divided into any length.



THM MultiMark PLUS

The THM MultiMark PLUS is designed for medium to high print volumes. Its robust design makes the printer particularly suitable for industrial environments.



THM MultiMark TWIN

The THM MultiMark Twin thermal transfer printer enables double-sided printing of shrink sleeves.





Type of marker	Printer		
	THM MultiMark	THM MultiMark PLUS	THM MultiMark TWIN
Technical data			
Technology	Thermal transfer	Thermal transfer	Thermal transfer
Voltage	AC 230 / AC 115 V	AC 230 / AC 115 V	AC 230 / AC 115 V
Resolution	300 dpi	300 dpi	300 dpi
Interfaces	USB 2.0, LAN, W-LAN Stick	USB 2.0, LAN, W-LAN Stick	USB 2.0, LAN, W-LAN Stick
Network card	●	●	●
Order No.	2599430000	2599440000	2931860000
Terminal markers			
DEK MM	●	●	
WS MM	●	●	
MF MM	●	●	
ELS MM	●	●	
Cable and wire markers			
SFM	●	●	
TMH MM	●	●	
WM MM	●	●	
SFX MM	●	●	
THM W0	●	●	
Device markers			
ESG MM	●	●	
SM MM	●	●	
CC MM	●	●	
EL MM	●	●	
ELS MM	●	●	
THM MT	●	●	
THM MT FS	●	●	
THM GEW	●	●	
THM EL	●	●	
THM ET S7	●	●	
THM PV	●	●	
THM SE	●	●	
THM PA	●	●	
THM PA ESO	●	●	
Shrink sleeves			
HS and HS-HF	●	●	●
HSS EL and HSS-HF EL	●	●	●
HS-FR	●	●	●

Thermal transfer printer THM MultiMark

The compact all-rounder



The only printer you will need for your marking tasks

The THM MultiMark is a compact and modularly constructed thermal transfer printer that makes full use of its many advantages and high number of potential uses. The integrated cutting and perforation option enables continuous materials to be cut to any length – making your work considerably easier when it comes to cutting and assigning the respective labels. The printer edits markers and labels from the MultiMark family as well as continuous materials, textile and polyester labels, heat shrink sleeves and PLC labels. Snap-on terminal markers are printed using a separate print contact pressure roller, which can be changed in just 30 seconds.

Another plus: the device is very easy to operate thanks to an intuitive touch display and clear status indicators – in 22 languages. The compact design and low weight of 3.5 kg also ensures that the THM MultiMark really can be used anywhere, e.g. as a mobile printer for your on-site jobs.



All-rounder THM MultiMark: the printer handles marking jobs that would otherwise need to be done by several different devices.



Handling-Video:
 THM MultiMark
www.weidmuller.com/handling-thmmultimark

Technical data

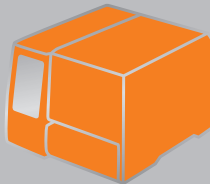
	Description
Intended use	Printing Weidmüller MultiMark, DEK, WS and MF strip marker, shrink tubes, label on rolls
Technology	Thermal transfer
Feed	Manuall mounting
Application site	Office conditions
Ambient temperature	5 °C to 40 °C
Included in delivery	- THM MultiMark - Power cable (Typ E+F/ UK/ USA) - Ink ribbon RIBBON MM-TB 25/360 SW - Ink ribbon RIBBON MM 110/360 SW - Cardboard core - Printer roller THM MMP ROLLER TB - Printer roller THM MMP ROLLER 115 - USB cable - Operating manual - DVD with M-Print® PRO software

Your benefits with THM MultiMark

- A printer for all jobs
- Ideal for small and medium print volumes
- Virtually maintenance-free thanks to thermal transfer technology
- Excellent readability (resolution: 300 dpi)
- Flexibility provided by modular perforation and cutting unit
- The contact pressure roller can be changed in 30 seconds
- High output, from 250 Dekafix markers/min.

Thermal transfer printer

THM MultiMark



Technical data

EAN	4050118626377
Depth	253 mm
Width	253 mm
Height	320 mm
Net weight	5800 GRM
Printing method	Thermal transfer
Printing speed	max. 150 mm/s
Marker type	MultiMark, Shrink-fit sleeves, Label reel
Interface	USB 2.0, Ethernet
Voltage supply	100...240 V AC
Software	M-Print® PRO

Note

Ordering data

Note

Accessories

Cutting blade

Printer ribbons

Terminal block markers
 Label, wide, black
 Label, narrow, black
 Label, wide, white
 Label, narrow, white
 Shrink sleeve, endless
 Shrink sleeve, assembled

Printer roller

Weidmüller DEK, WS
 MultiFit Phoenix
 MultiFit Wago
 Labels, shrink sleeves
 for Weidmüller SFM1
 for Weidmüller SFM2
 for Weidmüller SFM3
 for Weidmüller SFM4
 Shrink sleeve, endless

Miscellaneous accessories

Reel holder
 Case

Note

Type	Qty.	Order No.
THM MULTIMARK	1	2599430000

Type	Qty.	Order No.
MULTIMARK CUTTER	1	1331600000
MULTIMARK PERFORATOR	1	1416330000
RIBBON MM-TB 25/360 SW	1	2005090000
RIBBON MM 110/360 SW	1	2005070000
RIBBON MM 76/360 SW	1	2005080000
RIBBON MM 110/300 WS	1	2918800000
RIBBON MM 84/300 WS	1	2005040000
RIBBON HSS HF EL 40/300 SW	1	1426210000
RIBBON MM-HS 60/300 SW	1	2448880000
MULTIMARK ROLLER TB	1	2438500000
MULTIMARK ROLLER MF	1	2518600000
MULTIMARK ROLLER MF-W	1	2519150000
MULTIMARK ROLLER 115	1	1357420000
MULTIMARK ROLLER SFM 1	1	2799000000
MULTIMARK ROLLER SFM 2	1	2786210000
MULTIMARK ROLLER SFM 3	1	2719270000
MULTIMARK ROLLER SFM 4	1	2835010000
MULTIMARK ROLLER 30	1	1357430000
THM MMP EXT.RH	1	1302920000
THM MMP CASE	1	2457760000

THM MultiMark Plus thermal transfer printer

Robust design for larger print jobs



THM MultiMark PLUS

The perfect partner at your side

The THM MultiMark PLUS thermal transfer printer impresses with its robust design which is perfectly suited for harsher environments. With its high speed, the printer is ideal for medium and large print volumes. In addition, the THM MultiMark PLUS is equipped with a WLAN stick which makes working with the printer even more flexible.

The printer effortlessly prints the entire MultiMark range and can also be extended to include a perforation option. Operation is made even simpler thanks to the intuitive display with 22 integrated languages and the status displays.



Output of all continuous materials, woven fabric and polyester labels, shrink sleeves and PLC labels at high speed and high resolution.



Handling-Video:

THM MultiMark PLUS

www.weidmueller.com/handling-thmmultimark-plus

Technical data

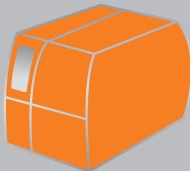
	Description
Intended use	Printing Weidmüller MultiMark, DEK, WS and MF strip marker, shrink tubes, label on rolls
Technology	Thermal transfer
Feed	Manuall mounting
Application site	Electrical workshop
Ambient temperature	5 °C to 40 °C
Included in delivery	• THM MultiMark Plus • Power cable (Typ E+F/ UK/ USA) • Ink ribbon RIBBON MM-TB 25/360 SW • Ink ribbon RIBBON MM 110/360 SW • Cardboard core • Printer roller MM PLUS ROLLER TB • Printer roller MM PLUS ROLLER 115 • USB cable • Operating manual • DVD with M-Print® PRO software • WLAN stick • Additional tear-off edge for strip markers

Your benefits with THM MultiMark PLUS

- A printer for all jobs
- Long service life even with high capacity utilisation thanks to robust design
- Ideal for medium and large print volumes
- Virtually maintenance-free (minimum maintenance effort) thanks to thermal transfer technology
- Excellent readability (resolution: 300 dpi)
- Flexibility provided by modular perforation and cutting unit
- The contact pressure roller can be changed in 30 seconds
- High output, from 250 Dekafix markers/min.
- Ready for WLAN use

Thermal transfer printer

THM MultiMark PLUS



Technical data

EAN	4050118626360
Depth	274 mm
Width	242 mm
Height	446 mm
Net weight	10000 GRM
Printing method	Thermal transfer
Printing speed	max. 150 mm/s
Print resolution, max.	300 DPI
Marker type	MultiMark, Shrink-fit sleeves, Label reel
Interface	USB 2.0, Ethernet, Wi-Fi
Voltage supply	100...240 V AC
Software	M-Print® PRO
Note	

Ordering data

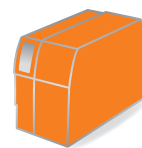
Type	Qty.	Order No.
THM MULTIMARK PLUS	1	2599440000
Note		

Accessories

Perforator	Type	Qty.	Order No.
	MULTIMARK PLUS PERFORATOR	1	1540770000
Printer ribbons	RIBBON MM-TB 25/360 SW	1	2005090000
	RIBBON MM 110/360 SW	1	2005070000
	RIBBON MM 76/360 SW	1	2005080000
	RIBBON MM 110/300 WS	1	2918800000
	RIBBON MM 84/300 WS	1	2005040000
	RIBBON HSS HF EL 40/300 SW	1	1426210000
Printer roller	RIBBON MM-HS 60/300 SW	1	2448880000
	MULTIMARK PLUS ROLLER TB	1	2661600000
	MULTIMARK PLUS ROLLER MF	1	2661610000
	MULTIMARK PLUS ROLLER MF-W	1	2661620000
	MULTIMARK PLUS ROLLER 115	1	2672590000
Note			

THM MultiMark TWIN

Double-sided printing of shrink sleeves



THM MultiMark TWIN

When it has to go fast

The THM MultiMark Twin thermal transfer printer enables double-sided printing of shrink sleeves. The associated shrink markers can be easily detached from the carrier material and slid onto the conductor.



Your partner for double-sided printing of shrink sleeves, for high volumes.



Handling-Video:

TH MultiMark TWIN

www.weidmueller.com/handling-th-multimark-twin

Technical data

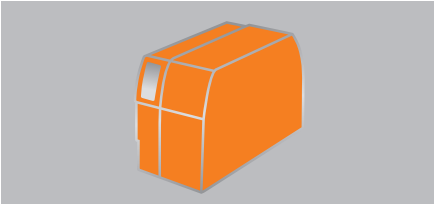
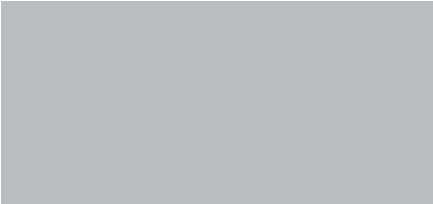
	Description
Intended use	Printing Weidmüller shrink tubes
Technology	Thermal transfer
Feed	Manual mounting
Application site	Electrical workshop
Ambient temperature	5 °C to 40 °C
Included in delivery	• THM MultiMark TWIN • Power cable (Typ E+F/ UK/ USA) • Cardboard core • USB cable • Operating manual • DVD with M-Print® PRO software

Your benefits with THM MultiMark TWIN

- Double-sided printing of shrink sleeves
- Long service life even with high utilisation thanks to robust design
- Ideal for small and medium print volumes
- Virtually maintenance-free thanks to thermal transfer technology
- Excellent readability (resolution: 300 dpi)
- Flexibility provided by modular perforation

THM MultiMark TWIN

THM MultiMark TWIN



Technical data

EAN	4099986669895
Depth	395 mm
Width	248 mm
Height	544 mm
Net weight	21000 GRM
Printing method	Thermotransfer
Printing speed	max. 150 mm/s
Print resolution, max.	300 DPI
Marker type	Shrink-fit sleeves
Interface	LAN, USB 2.0
Voltage supply	100...240 V AC
Software	M-Print® PRO
Note	

Ordering data

Type	Qty.	Order No.
THM MULTIMARK TWIN	1	2931860000
Note		

Accessories

Perforator	Type	Qty.	Order No.
	MULTIMARK PLUS PERFORATOR	1	1540770000
Printer ribbons	RIBBON HSS HF EL 40/300 SW	1	1426210000
	RIBBON MM-HS 60/300 SW	1	2448880000
Printer roller	MULTIMARK PLUS ROLLER 115	1	2672590000
Note			

Labelling made easy

Automated application of labels

Our applicator solutions eliminate the hassle of removing the labels from the backing film, as well as applying the labels to the components and wrapping individual wires. The use of an applicator increases production quality, reduces waste and increases the service life of the markings.

D

The applicators support the well-known system concept of the Weidmüller marking systems as a coordinated combination of software, markers and printing system. Thus, our applicators can also be operated in conjunction with our printing systems using the M-Print® PRO labeling software and offer the familiar advantages of intuitive use and data consistence.

High repeatability

Due to the convenient stop, components of the same size can be aligned extremely efficiently and marked with high accuracy



Handling-Video:

THM MultiMark LPC

www.weidmueller.com/handling-thm-multimark-lpc

Automated labelling

The new high-performance applicator automatically lifts the label from the liner and reliably attaches it to components up to 120 mm high.

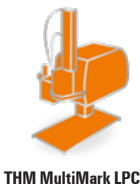
**High production quality**

The fully automatic printing and wrapping process with the R-Fix applicator ensures the markers are applied free of dust and dirt. This increases the legibility and durability of the cable marking.



THM MultiMark LPC

Labeling Processing Center for automated component labelling



Device labeling made easy

In control cabinet construction, components are usually marked with labels. This requires time and nerves. With the new Labeling Processing Center, equipment markings are immediately positioned, printed, and applied correctly.

Supported by the new THM Multimark Labeling Procession Center, the tedious application of labels with screwdrivers or tweezers is no longer necessary. A laser is used to project the label outline onto the product surface without distortion to enable correct alignment of the component. The printing and application process is then started via a foot switch. In just a few seconds, the component is precisely labeled.



The new high-performance applicator automatically lifts the label from the liner and reliably attaches it to components up to 120 mm high.



Handling-Video:
 THM MultiMark LPC
www.weidmueller.com/handling-thm-multimark-lpc

Technical data

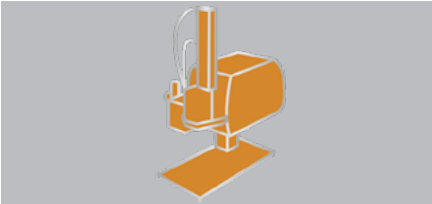
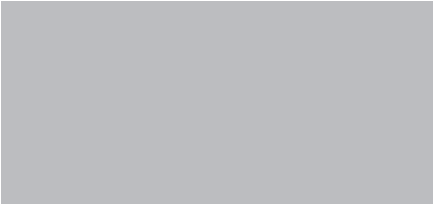
	Description
Intended use	Printing Weidmüller MultiMark label on rolls
Technology	Thermal transfer
Feed	Manuall mounting
Application site	Electrical workshop
Ambient temperature	5 °C to 40 °C
Included in delivery	- THM MultiMark Plus - Power cable (Typ E+F/ UK/ USA) - Ink ribbon RIBBON MM-TB 25/360 SW - Cardboard core - Printer roller - USB cable - Operating manual - DVD with M-Print® PRO software - foot switch

Your benefits with THM MultiMark LPC

- Fast and efficient labelling of components
- Laser projection to assist with component alignment
- Up to 80 % improvement in efficiency
- High repeatability due to adjustable stops
- High ergonomics due to foot switch
- Compatible with most component geometries
- Komfortabel ansteuerbar über die Software M-Print® PRO sowie dem LPC-Tool

THM MultiMark LPC

THM MultiMark LPC



Technical data

EAN	4064675667568
Depth	648 mm
Width	466 mm
Height	785 mm
Net weight	22000 GRM
Printing method	Thermal transfer
Printing speed	max. 150 mm/s
Print resolution, max.	300 DPI
Marker type	MultiMark, Labels, Label reel
Interface	USB 2.0, Ethernet, Wi-Fi
Voltage supply	100...240 V AC
Software	M-Print® PRO
Note	

Ordering data

Type	Qty.	Order No.
THM MULTIMARK LPC	1	2878190000
Note		

Accessories

Printer ribbons		Type	Qty.	Order No.
	Terminal block markers	RIBBON MM-TB 25/360 SW	1	2005090000
Printer roller				
	Labels, shrink sleeves	MULTIMARK PLUS ROLLER 115	1	2672590000
Note				

THM MultiMark Plus R and MultiMark R-FIX

Label your wires and cables quickly and reliably



THM MultiMark Plus R
and MultiMark R-FIX

R-Fix applicator for wrap-around labels

Wrap-around labels are very robust and require little space. This makes them increasingly popular for conductor labelling. High-quality lamination protects the labels from many environmental influences and ensures long durability.

The THM MultiMark Plus R printer with the new R-Fix wrap-around applicator makes cable labelling with wraparound labels particularly quick and easy. The cables are automatically wrapped with the required marking. Each marking process takes only three seconds, which saves time, about 60 %, compared to manual marking. The high production quality of the applicator reduces waste and increases the lifetime of the markings.

To use the MultiMark R-Fix applicator, both item numbers must be ordered together. Only the combination of both components makes the product complete and ready for use. Please ensure that THM MultiMark Plus R (2931840000) and MultiMark R-FIX (2931850000) are included together in your order.



Technical data

	Description
Intended use	Printing Weidmüller MultiMark label on rolls
Technology	Thermal transfer
Feed	Manuall mounting
Application site	Electrical workshop
Ambient temperature	5 °C to 40 °C
Included in delivery	• THM MultiMark Plus R • Power cable (Typ E+F/ UK/ USA) • Ink ribbon RIBBON MM-TB 25/360 SW • Cardboard core • Printer roller • USB cable • Operating manual • DVD with M-Print® PRO software

Your benefits with THM MultiMark Plus R

- Fully automatic printing and wrapping process
- Efficient marking with maximum planning reliability
- Fast and accurate marking with high quality
- Efficiency increase of up to 60 % compared to manual application
- Durable marking due to high resistance to external influences
- Conveniently controlled via the M-Print® PRO software

THM MultiMark Plus R and MultiMark R-FIX

THM MultiMark Plus R / MultiMark R-FIX



Technical data

EAN	4099986669857
Depth	288 mm
Width	252 mm
Height	460 mm
Net weight	10000 GRM
Printing method	Thermotransfer
Printing speed	max. 150 mm/s
Print resolution, max.	300 DPI
Marker type	MultiMark, Label reel
Interface	USB 2.0, Ethernet, Wi-Fi
Voltage supply	100...240 V AC
Software	M-Print® PRO
Note	

Ordering data

Printer	Type	Qty.	Order No.
Applicator	THM MULTIMARK PLUS R	1	2931840000
Note	MULTIMARK R-FIX	1	2931850000

Accessories

Printer ribbons		Type	Qty.	Order No.
	Terminal block markers	RIBBON MM-TB 25/360 SW	1	2005090000
	Label, wide, black	RIBBON MM 110/360 SW	1	2005070000
	Label, narrow, black	RIBBON MM 76/360 SW	1	2005080000
	Label, wide, white	RIBBON MM 110/300 WS	1	2918800000
	Label, narrow, white	RIBBON MM 84/300 WS	1	2005040000
Printer roller		MULTIMARK PLUS ROLLER 115	1	2672590000
Note				

Marking systems for the entire cabinet

MultiMark is the smart all-in-one solution

Marking: added value for every system

Standards and guidelines call for correct presentation and identification of installed components and associated documentation. The systematic use of MultiMark will put you on the right track to documenting your system in a meaningful way.

User-friendly usage and handling

The outstanding properties of the different marker Types make it easy for you to use MultiMark as an all-purpose marking system. Durable material, strong adhesive labels, perforations – each and every detail has been carefully considered and subjected to extensive practical tests.

Your benefits with MultiMark

- Over 1400 marking products on offer
- Practically all identification requirements are taken care of
- Fast printing, fast Identification
- Handling benefits, e.g. for terminal markers
- Excellent material properties
- Convenient handling
- Clear print image



SM/CC: Eye-catching and highly adhesive equipment labels – ensure that devices are used correctly

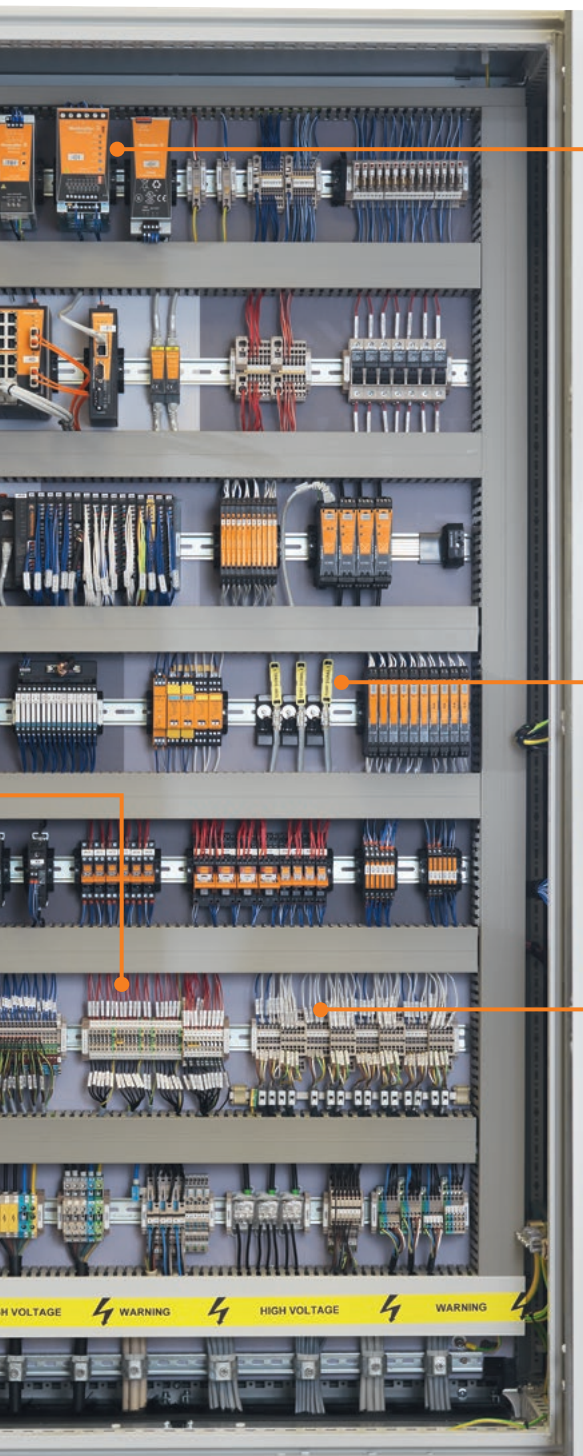


DEK/WS/MF: Flexible connector markers – print, clip, finished



SFM: The wire markers have an open design and can be easily and quickly installed before or after the wiring process





ESG: All-purpose equipment identification – simple labelling of markers for quick identification of components



SFX: Highly flexible cable markers – determine the maximum diameter from the length of the cable tie



TM-I: Plug-in wire markers – easy to install before and after the sleeve assembly

Dekafix, WS, MultiFit and WAD Terminal block markers

Make your labelling more efficient

Snaps securely into place in combination

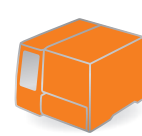
With a marking system for terminal markers you expect the markers to be printed quickly and just as quickly snapped into place. The markers also need to have a high resistance to shocks and vibration. Our terminal markers meet these requirements in full.

MultiMark terminal markers make use of an innovative composite material of two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy and ergonomic to mount.

Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a easy to read script.

The adaptable range of markers

For manufacturer-independent marking of components, we have developed the adaptable MultiFit marker range. Without giving up the highly professional printing with Weidmüller's marking system, you can use your usual components from other manufacturers, and combine them with Weidmüller's MultiFit markers.



THM MultiMark



THM MultiMark PLUS



The smart composite material ensures perfect usage and handling.



DEK/WS/MF: Expandable terminal block markers – uninterrupted output, snap on, ready.



Ordering data

Possible printing systems	THM MultiMark, THM MultiMark PLUS
Ink ribbon	RIBBON MM-TB 25/360 SW (2005090000)
Printer roller THM MultiMark	Weidmüller DEK/WS: THM MMP ROLLER TB (2438500000) MultiFit Phoenix: THM MMP ROLLER MF (2518600000) MultiFit Wago: THM MMP ROLLER MF-W (2519150000)
Printer roller THM MultiMark PLUS	Weidmüller DEK/WS: MMP PLUS ROLLER TB (2661600000) MultiFit Phoenix: MMP PLUS ROLLER MF (2661610000) MultiFit Wago: MMP PLUS ROLLER MF-W (2661620000)

Your benefits with MultiMark

- Manufacturer-independent terminal marking
- Firm hold and durable printing
- Continuous strip marker saves installation time
- Easy mounting thanks to an innovative composite material
- Large text field enables best readability

DEK terminal markers

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
PC-ABS, TPU	-50...90 °C	V-2		2005090000	RIBBON MM-TB 25/360 SW

Ordering data

Order No.	Type		Colour	Height	Width	Qty.
2007100000	DEK 5/3.5 MM WS	○	white	5 mm	3.5 mm	1000
2619760000	DEK 5/3.5 MM BP WS	○	white	5 mm	3.5 mm	15000
2007110000	DEK 5/5 MM WS	○	white	5 mm	5 mm	800
2619770000	DEK 5/5 MM BP WS	○	white	5 mm	5 mm	10000
2007120000	DEK 5/6 MM WS	○	white	5 mm	6 mm	600
2619780000	DEK 5/6 MM BP WS	○	white	5 mm	6 mm	9000
2619920000	DEK 5/7.5 MM WS	○	white	5 mm	7.5 mm	500
2007130000	DEK 5/8 MM WS	○	white	5 mm	8 mm	500
2619790000	DEK 5/8 MM BP WS	○	white	5 mm	8 mm	6000
2448860000	DEK-A 5/8 MM WS	○	white	5 mm	8.1 mm	500

Note: External roll holder required for BP

WS terminal markers

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
PC-ABS, TPU	-50...90 °C	V-2		2005090000	RIBBON MM-TB 25/360 SW

Ordering data

Order No.	Type		Colour	Height	Width	Qty.
2007140000	WS 8/3.5 MM WS	○	white	8 mm	3.5 mm	1000
2619800000	WS 8/3.5 MM BP WS	○	white	8 mm	3.5 mm	11000
2007150000	WS 8/5 MM WS	○	white	8 mm	5 mm	800
2619810000	WS 8/5 MM BP WS	○	white	8 mm	5 mm	8000
2712130000	WS 10/5 MM WS	○	white	10 mm	5 mm	800
2007160000	WS 8/6 MM WS	○	white	8 mm	6 mm	600
2619820000	WS 8/6 MM BP WS	○	white	8 mm	6 mm	6000
2712140000	WS 10/6 MM WS	○	white	10 mm	6 mm	600
2007170000	WS 8/8 MM WS	○	white	8 mm	8 mm	500
2619830000	WS 8/8 MM BP WS	○	white	8 mm	8 mm	5000
2619890000	WS-A 8/10 MM WS	○	white	8 mm	10 mm	350
2619900000	WS-A 8/12 MM WS	○	white	8 mm	12 mm	300
2619910000	WS-A 8/16 MM WS	○	white	8 mm	16 mm	200
2448930000	WS-A 8/8 MM WS	○	white	8 mm	8.1 mm	500
2007180000	WS 12/3.5 MM WS	○	white	12 mm	3.5 mm	1000
2619840000	WS 12/3.5 MM BP WS	○	white	12 mm	3.5 mm	8000
2007190000	WS 12/5 MM WS	○	white	12 mm	5 mm	800
2619850000	WS 12/5 MM BP WS	○	white	12 mm	5 mm	5500
2007200000	WS 12/6 MM WS	○	white	12 mm	6 mm	600
2619860000	WS 12/6 MM BP WS	○	white	12 mm	6 mm	4500
2619930000	WS 12/6.5 MM WS	○	white	12 mm	6.5 mm	600
2007210000	WS 12/8 MM WS	○	white	12 mm	8 mm	500
2619870000	WS 12/8 MM BP WS	○	white	12 mm	8 mm	3500
2448920000	WS-A 12/8 MM WS	○	white	12 mm	8.1 mm	500

Note: External roll holder required for BP



Terminal block markers – Dekafix, WS, MultiFit and WAD

MultiFit terminal markers for Phoenix Contact

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
PC-ABS, TPU	-50...90 °C	V-2		2005090000	RIBBON MM-TB 25/360 SW

Ordering data

Order No.	Type		Colour	Height	Width	Qty.
2885900000	MF 5/3.5 MM WS	○	white	5 mm	3.5 mm	1750
2885910000	MF 5/4.2 MM WS	○	white	5 mm	4.2 mm	1500
2519200000	MF 5/5 MM WS	○	white	5 mm	5 mm	1200
2619730000	MF 5/5 MM BP WS	○	white	5 mm	5 mm	10000
2519210000	MF 5/6 MM WS	○	white	5 mm	6 mm	1000
2619740000	MF 5/6 MM BP WS	○	white	5 mm	6 mm	9000
2885920000	MF 5/7.6 MM WS	○	white	5 mm	7.6 mm	800
2885930000	MF 5/8 MM WS	○	white	5 mm	8 mm	800
2885940000	MF 5/10 MM WS	○	white	5 mm	10 mm	600
2885950000	MF 5/12 MM WS	○	white	5 mm	12 mm	500
2885960000	MF 5/16 MM WS	○	white	5 mm	16 mm	500
2518500000	MF 8/5 MM WS	○	white	8 mm	5 mm	600
2729340000	MF 8/5 MM BP WS	○	white	8 mm	5 mm	5500
2885970000	MF 10/3.5 MM WS	○	white	10 mm	3.5 mm	850
2885980000	MF 10/4.2 MM WS	○	white	10 mm	4.2 mm	750
2519170000	MF 10/5 MM WS	○	white	10 mm	5 mm	600
2712150000	MF 10/5 MM BP WS	○	white	10 mm	5 mm	4500
2519180000	MF 10/6 MM WS	○	white	10 mm	6 mm	500
2712160000	MF 10/6 MM BP WS	○	white	10 mm	6 mm	3800
2885990000	MF 10/7.6 MM WS	○	white	10 mm	7.6 mm	400
2519190000	MF 10/8 MM WS	○	white	10 mm	8 mm	400
2712170000	MF 10/8 MM BP WS	○	white	10 mm	8 mm	2800
2886000000	MF 10/10 MM WS	○	white	10 mm	10 mm	300
2886010000	MF 10/12 MM WS	○	white	10 mm	12 mm	250
2886020000	MF 10/16 MM WS	○	white	10 mm	16 mm	150

Note: External roll holder required for BP



MultiFit terminal markers for WAGO

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
PC-ABS, TPU	-50...90 °C	V-2		2005090000	RIBBON MM-TB 25/360 SW

Ordering data

Order No.	Type		Colour	Height	Width	Qty.
2519250000	MF-W 9/5.2 F MM WS	○	white	9 mm	5.2 mm	800
2519240000	MF-W 9/5 F MM WS	○	white	9 mm	5 mm	800
2519230000	MF-W 9/5 MM WS	○	white	9 mm	5 mm	1200

Note: External roll holder required for BP



EL KSM terminal markers

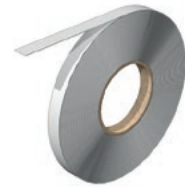
Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polypropylene	-50...100 °C	V-2		2005090000	RIBBON MM-TB 25/360 SW

Ordering data

Order No.	Type	Colour	Height	Length	Qty.
2799270000	EL KSM 10.6 MM WS 30M	white	10.6 mm	30 m	1
2799280000	EL KSM 7.6 MM WS 30M	white	7.6 mm	30 m	1
2922670000	EL KSM 8.8 MM WS 30M	white	8.8 mm	30 m	1

Note: External roll holder required for BP



WAD-FO terminal markers

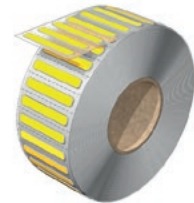
Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
	80...30 °C	V-0	PE-foam with acrylic adhesive	2005080000	RIBBON MM 76/360 SW

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
2969390000	WAD-FO 5 MM GE	● yellow	5 mm	33.3 mm	250
2969370000	WAD-FO 5 MM WS	○ white	5 mm	33.3 mm	250
2969400000	WAD-FO 8 MM GE	● yellow	8 mm	33.3 mm	250
2969380000	WAD-FO 8 MM WS	○ white	8 mm	33.3 mm	250

Note: External roll holder required for BP



Wire and cable markers TM-I, WM, SFM, SFX, ELS and THM ET

Make your connections visible

A control cabinet can only pass the acceptance test if the various circuits can be unequivocally identified. Using our markers to uniquely identify wires and cables lets you make the most of your options and profit from a range of additional benefits.

Process reliability: TM-I

TM-I insert tags have a guide tab which enables them to slide easily into the transparent sleeves. Once the label is in place, the tab can be snapped off at the predetermined break point. The ready-assembled sleeves are then simply pushed over the wires. Your benefits: large quantities can be efficiently pre-assembled in a single step. This saves both time and money.

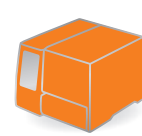
Un-detachable: WM

Our closed, un-detachable markers are mounted without the need for additional tools. The cable is simply threaded through the openings at both ends before wiring takes place. The inherent tension of the material fixes the marker in place. WM markers are available in four sizes for wire cross-sections from 0.25 mm² to 16 mm². For each size you can choose from three label lengths and two colours. This provides you with just the right assortment for carrying out the everyday task of labelling conductors in a control cabinet.

Highly flexible: SFX

SFX markers are the preferred choice for identifying cables if you opt for a classic cable tie solution. Cables do not by nature always run in a straight line. The material used in SFX markers addresses this circumstance with highly flexible polyurethane. The marker follows every curve of the cable and latches on without resistance.

Additional cable and conductor markers are the **ELS** insertion labels and the **THM ET** labels, which are attached to the conductor using cable ties.



THM MultiMark



THM MultiMark PLUS



Processing reliability thanks to the precisely placed break point. The TM-I is inserted into the sleeve in no time at all: push in, bend up and down and you're done.



WM markers are available in four sizes for wire cross-sections from 0.25 mm² to 16 mm².

Ordering data

Possible printing systems	THM MultiMark, THM MultiMark PLUS
Ink ribbon	2005070000 RIBBON MM 110/360 SW (black) 2005080000 RIBBON MM 76/360 SW (black) 2005040000 RIBBON MM 84/300 WS (white) 2918800000 RIBBON MM 110/300 WS (white)
Printer roller THM MultiMark	1357420000 THM MMP ROLLER 115 2799000000 THM MMP ROLLER SFM 1 2786210000 THM MMP ROLLER SFM 2 2719270000 THM MMP ROLLER SFM 3 2835010000 THM MMP ROLLER SFM 4
Printer roller THM MultiMark PLUS	2672590000 MM PLUS ROLLER 110

Your benefits with MultiMark

- Compact, practical range of products
- Quickly printed and assembled
- Reliable identification of your connections
- Excellent material properties
- Large label field ensures good legibility

WM wire markers

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...150 °C	HB		2005080000	RIBBON MM 76/360 SW

Ordering data

Order No.	Type	Colour	Wire O.D.	Labelling field	Qty.
2006250000	WM 0/12 1.0-2.0 MM GE	● yellow	1 - 2 mm	13 x 3.5 mm	2000
2006170000	WM 0/12 1.0-2.0 MM WS	○ white	1 - 2 mm	13 x 3.5 mm	2000
2006090000	WM 0/21 1.0-2.0 MM GE	● yellow	1 - 2 mm	22 x 3.5 mm	2000
2006010000	WM 0/21 1.0-2.0 MM WS	○ white	1 - 2 mm	22 x 3.5 mm	2000
2006410000	WM 0/6 1.0-2.0 MM GE	● yellow	1 - 2 mm	7 x 3.5 mm	2000
2006330000	WM 0/6 1.0-2.0 MM WS	○ white	1 - 2 mm	7 x 3.5 mm	2000
2006270000	WM 1/12 2.0-3.5 MM GE	● yellow	2 - 3.5 mm	13 x 4.8 mm	2000
2006190000	WM 1/12 2.0-3.5 MM WS	○ white	2 - 3.5 mm	13 x 4.8 mm	2000
2006110000	WM 1/21 2.0-3.5 MM GE	● yellow	2 - 3.5 mm	22 x 4.8 mm	2000
2006030000	WM 1/21 2.0-3.5 MM WS	○ white	2 - 3.5 mm	22 x 4.8 mm	2000
2006430000	WM 1/6 2.0-3.5 MM GE	● yellow	2 - 3.5 mm	7 x 4.8 mm	2000
2006350000	WM 1/6 2.0-3.5 MM WS	○ white	2 - 3.5 mm	7 x 4.8 mm	2000
2006290000	WM 2/12 3.5-5.0 MM GE	● yellow	3.5 - 5 mm	12 x 6.4 mm	2000
2006210000	WM 2/12 3.5-5.0 MM WS	○ white	3.5 - 5 mm	12 x 6.4 mm	2000
2006130000	WM 2/21 3.5-5.0 MM GE	● yellow	3.5 - 5 mm	22 x 6.4 mm	2000
2006050000	WM 2/21 3.5-5.0 MM WS	○ white	3.5 - 5 mm	22 x 6.4 mm	2000
2006450000	WM 2/6 3.5-5.0 MM GE	● yellow	3.5 - 5 mm	7 x 6.4 mm	2000
2006370000	WM 2/6 3.5-5.0 MM WS	○ white	3.5 - 5 mm	7 x 6.4 mm	2000
2006310000	WM 3/12 5.0-8.0 MM GE	● yellow	5 - 8 mm	12 x 10 mm	2000
2006230000	WM 3/12 5.0-8.0 MM WS	○ white	5 - 8 mm	12 x 10 mm	2000
2006150000	WM 3/21 5.0-8.0 MM GE	● yellow	5 - 8 mm	22 x 10 mm	2000
2006070000	WM 3/21 5.0-8.0 MM WS	○ white	5 - 8 mm	22 x 10 mm	2000
2006470000	WM 3/6 5.0-8.0 MM GE	● yellow	5 - 8 mm	7 x 10 mm	2000
2006390000	WM 3/6 5.0-8.0 MM WS	○ white	5 - 8 mm	7 x 10 mm	2000



SFM 1 wire marker

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
PC-ABS, TPU	-50...90 °C	V-2		2005090000	RIBBON MM-TB 25/360 SW

Ordering data

Order No.	Type	Colour	Wire O.D.	Labelling field	Qty.
2719060000	SFM 1/12 1.2-1.8 MM GE	● yellow	1.2 - 1.8 mm	2.8 x 9.5 mm	1400
2719030000	SFM 1/12 1.2-1.8 MM WS	○ white	1.2 - 1.8 mm	2.8 x 9.5 mm	1400
2719070000	SFM 1/18 1.2-1.8 MM GE	● yellow	1.2 - 1.8 mm	2.8 x 15.5 mm	900
2719040000	SFM 1/18 1.2-1.8 MM WS	○ white	1.2 - 1.8 mm	2.8 x 15.5 mm	900
2719080000	SFM 1/24 1.2-1.8 MM GE	● yellow	1.2 - 1.8 mm	2.8 x 21.5 mm	700
2719050000	SFM 1/24 1.2-1.8 MM WS	○ white	1.2 - 1.8 mm	2.8 x 21.5 mm	700



Wire and cable markers – TM-I, WM, SFM, SFX, ELS and THM ET

SFM 2 wire marker

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
PC-ABS, TPU	-50...90 °C	V-2		2005090000	RIBBON MM-TB 25/360 SW

Ordering data

Order No.	Type	Colour	Wire O.D.	Labelling field	Qty.
2719120000	SFM 2/12 1.8-2.5 MM GE	● yellow	1.8 - 2.5 mm	3.3 x 9.5 mm	1400
2719090000	SFM 2/12 1.8-2.5 MM WS	○ white	1.8 - 2.5 mm	3.3 x 9.5 mm	1400
2719130000	SFM 2/18 1.8-2.5 MM GE	● yellow	1.8 - 2.5 mm	3.3 x 15.5 mm	900
2719100000	SFM 2/18 1.8-2.5 MM WS	○ white	1.8 - 2.5 mm	3.3 x 15.5 mm	900
2719140000	SFM 2/24 1.8-2.5 MM GE	● yellow	1.8 - 2.5 mm	3.3 x 21.5 mm	700
2719110000	SFM 2/24 1.8-2.5 MM WS	○ white	1.8 - 2.5 mm	3.3 x 21.5 mm	700



SFM 3 wire marker

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
PC-ABS, TPU	-50...90 °C	V-2		2005090000	RIBBON MM-TB 25/360 SW

Ordering data

Order No.	Type	Colour	Wire O.D.	Labelling field	Qty.
2719180000	SFM 3/12 2.5-3.3 MM GE	● yellow	2.5 - 3.3 mm	3.7 x 9.5 mm	1400
2719150000	SFM 3/12 2.5-3.3 MM WS	○ white	2.5 - 3.3 mm	3.7 x 9.5 mm	1400
2719190000	SFM 3/18 2.5-3.3 MM GE	● yellow	2.5 - 3.3 mm	3.7 x 15.5 mm	900
2719160000	SFM 3/18 2.5-3.3 MM WS	○ white	2.5 - 3.3 mm	3.7 x 15.5 mm	900
2719200000	SFM 3/24 2.5-3.3 MM GE	● yellow	2.5 - 3.3 mm	3.7 x 21.5 mm	700
2719170000	SFM 3/24 2.5-3.3 MM WS	○ white	2.5 - 3.3 mm	3.7 x 21.5 mm	700



SFM 4 wire marker

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
PC-ABS, TPU	-50...90 °C	V-2		2005090000	RIBBON MM-TB 25/360 SW

Ordering data

Order No.	Type	Colour	Wire O.D.	Labelling field	Qty.
2719240000	SFM 4/12 3.3-4.0 MM GE	● yellow	2.5 - 4 mm	4.9 x 9.5 mm	1200
2719210000	SFM 4/12 3.3-4.0 MM WS	○ white	2.5 - 4 mm	4.9 x 9.5 mm	1200
2719250000	SFM 4/18 3.3-4.0 MM GE	● yellow	2.5 - 4 mm	4.9 x 15.5 mm	800
2719220000	SFM 4/18 3.3-4.0 MM WS	○ white	2.5 - 4 mm	4.9 x 15.5 mm	800
2719260000	SFM 4/24 3.3-4.0 MM GE	● yellow	2.5 - 4 mm	4.9 x 21.5 mm	600
2719230000	SFM 4/24 3.3-4.0 MM WS	○ white	2.5 - 4 mm	4.9 x 21.5 mm	600



TM-I wire markers

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...150 °C	HB		2005080000	RIBBON MM 76/360 SW

Ordering data

Order No.	Type		Colour	Height	Width	Qty.
2005550000	TM-I 12 MM GE	●	yellow	12 mm	4 mm	2000
2005440000	TM-I 12 MM WS	○	white	12 mm	4 mm	2000
2005580000	TM-I 15 MM GE	●	yellow	15 mm	4 mm	2000
2005450000	TM-I 15 MM WS	○	white	15 mm	4 mm	2000
2005610000	TM-I 18 MM GE	●	yellow	18 mm	4 mm	2000
2005470000	TM-I 18 MM WS	○	white	18 mm	4 mm	2000
2005640000	TM-I 20 MM GE	●	yellow	20 mm	4 mm	2000
2005490000	TM-I 20 MM WS	○	white	20 mm	4 mm	2000
2005670000	TM-I 23 MM GE	●	yellow	23 mm	4 mm	2000
2005510000	TM-I 23 MM WS	○	white	23 mm	4 mm	2000
2005700000	TM-I 30 MM GE	●	yellow	30 mm	4 mm	2000
2005530000	TM-I 30 MM WS	○	white	30 mm	4 mm	2000

ELS inlay tags

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...150 °C	HB		2005080000	RIBBON MM 76/360 SW

Ordering data

Order No.	Type		Colour	Height	Width	Qty.
2010620000	ELS 6/30 MM GE	●	yellow	30 mm	6 mm	3000
2009980000	ELS 6/30 MM WS	○	white	30 mm	6 mm	3000
2005260000	ELS 16/40 MM GE	●	yellow	40 mm	16 mm	2000
2005200000	ELS 16/40 MM WS	○	white	40 mm	16 mm	2000
2519160000	ELS 7/40 MM GE	●	yellow	40 mm	6.3 mm	3000
2518620000	ELS 7/40 MM WS	○	white	40 mm	6.3 mm	3000
2005240000	ELS 8/20 MM GE	●	yellow	20 mm	8 mm	3000
2005180000	ELS 8/20 MM WS	○	white	20 mm	8 mm	3000



Wire and cable markers – TM-I, WM, SFM, SFX, ELS and THM ET

SFX cable markers

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyurethane	-40...90 °C	HB		2005040000	RIBBON MM 84/300 WS
				2005080000	RIBBON MM 76/360 SW

Ordering data

Order No.	Type		Colour	Height / Width	Labelling field	Qty.
2005320000	SFX 9/24 MM WS	○	white	26 / 15 mm	23.5 x 9 mm	1000
2005380000	SFX 9/24 MM GE	●	yellow	26 / 15 mm	23.5 x 9 mm	1000
2519090000	SFX 9/24 MM RT	●	red	26 / 15 mm	23.5 x 9 mm	1000
2519100000	SFX 9/24 MM BL	●	blue	26 / 15 mm	23.5 x 9 mm	1000
2519080000	SFX 9/24 MM GN	●	green	26 / 15 mm	23.5 x 9 mm	1000
2519070000	SFX 9/24 MM SW	●	black	26 / 15 mm	23.5 x 9 mm	1000
2712090000	SFX 9/24 MM BP WS	○	white	26 / 15 mm	23.5 x 9 mm	9000
2712100000	SFX 9/24 MM BP GE	●	yellow	26 / 15 mm	23.5 x 9 mm	9000
2005340000	SFX 11/60 MM WS	○	white	60 / 13 mm	44 x 10.5 mm	1000
2005400000	SFX 11/60 MM GE	●	yellow	60 / 13 mm	44 x 10.5 mm	1000
2519040000	SFX 11/60 MM RT	●	red	60 / 13 mm	44 x 10.5 mm	1000
2519060000	SFX 11/60 MM BL	●	blue	60 / 13 mm	44 x 10.5 mm	1000
2519050000	SFX 11/60 MM GN	●	green	60 / 13 mm	44 x 10.5 mm	1000
2518650000	SFX 11/60 MM SW	●	black	60 / 13 mm	44 x 10.5 mm	1000
2712120000	SFX 11/60 MM BP GE	●	yellow	60 / 13 mm	44 x 10.5 mm	6000
2712110000	SFX 11/60 MM BP WS	○	white	60 / 13 mm	44 x 10.5 mm	6000
2005360000	SFX 30/60 MM WS	○	white	60 / 32 mm	45 x 29.5 mm	300
2005420000	SFX 30/60 MM GE	●	yellow	60 / 32 mm	45 x 29.5 mm	300
2519130000	SFX 30/60 MM RT	●	red	60 / 32 mm	45 x 29.5 mm	300
2519140000	SFX 30/60 MM BL	●	blue	60 / 32 mm	45 x 29.5 mm	300
2519110000	SFX 30/60 MM GN	●	green	60 / 32 mm	45 x 29.5 mm	300
2519120000	SFX 30/60 MM SW	●	black	60 / 32 mm	45 x 29.5 mm	300

Note: External roll holder required for BP.



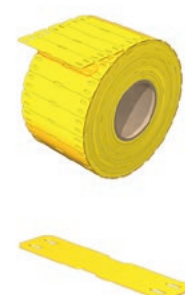
SFX-VT cable markers - Transportation industry

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyolefine, Polyurethane	-55...105 °C	HB		2448880000	RIBBON MM-HS 60/300 SW

Ordering data

Order No.	Type		Colour	Height / Width	Labelling field	Qty.
2621460000	SFX-VT 9/24 MM GE	●	yellow	26 / 15 mm	23.5 x 9 mm	1000
2621470000	SFX-VT 9/24 MM WS	○	white	26 / 15 mm	23.5 x 9 mm	1000
2799320000	SFX-VT 9/24 MM BL	●	blue	26 / 15 mm	23.5 x 9 mm	1000
2799310000	SFX-VT 9/24 MM RT	●	red	26 / 15 mm	23.5 x 9 mm	1000
2621440000	SFX-VT 11/60 MM GE	●	yellow	60 / 13 mm	10.5 x 44 mm	1000
2621450000	SFX-VT 11/60 MM WS	○	white	60 / 13 mm	10.5 x 44 mm	1000
2900970000	SFX-VT 11/60 MM BL	●	blue	60 / 13 mm	10.5 x 44 mm	1000
2900960000	SFX-VT 11/60 MM RT	●	red	60 / 13 mm	10.5 x 44 mm	1000



SFX-DT cable markers - Detectable

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyethylene	-30...65 °C	HB		2448880000	RIBBON MM-HS 60/300 SW

Ordering data

Order No.	Type		Colour	Height / Width	Labelling field	Qty.
2621490000	SFX-DT 9/24 MM BL	●	blue	26 / 15 mm	23.5 x 9 mm	1000
2621480000	SFX-DT 11/60 MM BL	●	blue	60 / 13 mm	10.5 x 44 mm	1000



THM ET cable markers

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polypropylene	-50...100 °C	HB		2448880000	RIBBON MM-HS 60/300 SW

Ordering data

Order No.	Type		Colour	Height / Width	Diameter	Qty.
2539410000	THM ET 28/28 WS	○	white	28 / 28 mm		1500
2539380000	THM ET 55/55 WS	○	white	55 / 55 mm		1000
2539400000	THM ET DIA 55 WS	○	white		55 mm	1000
2539390000	THM ET TA 58/55 WS	○	white	58 / 55 mm		1000



WriteOn

Cable labels

Tough polyester labels with high elasticity

The WriteOn cable labels are used to label wires and cables up to an outside diameter of 36 mm.

The transparent adhesive strip fixes and protects the printing on the marker surface.

The new THM WO-Q and THM WO-QX have a special type of carrier material and therefore make it easier to separate the labels in each case. THM MultiMark PLUS In addition, the TM WO-QX have perforations in the transparent protective film and therefore enable versatile mounting on different conductor diameters.



The marking is protected against dirt and abrasion by the transparent strip



Technical data THM WO, THM WO-Q, THM WO-QX

THM WriteOn	
Material	Polyester film
UL 94 flammability rating	HB
Approval acc. to UL 96	Yes
Temperature range	-40 °C to 150 °C
Adhesive	Acrylate

Technical data THM WO T

Material	Polyvinyl fluoride film – Tedlar®
UL 94 flammability rating	HB
Approval acc. to UL 96	No
Temperature range	-40 °C to 140 °C
Adhesive	Acrylate

Technical data THM WO VIN, THM WO-Q VIN, THM WO-QX VIN, THM WO-R VIN

Material	Vinyl film
UL 94 flammability rating	HB
Approval acc. to UL 96	No
Temperature range	-40 °C to 80 °C
Adhesive	Acrylate

Ordering data

Possible printing systems	THM MultiMark, THM MultiMark PLUS
Ink ribbon	RIBBON MM 110/360 SW (2005070000)
Printer roller THM MultiMark	1357420000 THM MMP ROLLER 115
Printer roller THM MultiMark PLUS	2672590000 MM PLUS ROLLER 110



Simplified removal of THM WO-Q and THM WO-QX markers due to the special contour of the carrier material

Your benefits with THM WriteOn

- Quick and easy labelling.
- Marking protected against dirt and abrasion by attaching the transparent adhesive strip
- Simplified separation
- „A single marker for a wide range of conductor diameters
- Available on reels for thermal transfer printers and in DIN A4 sheets for laser printers

THM WriteOn

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester film	-40...150 °C	V-0	Polyacrylate adhesive	2005070000	RIBBON MM 110/360 SW

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
1856630000	THM WO 12/18 GE	yellow	12 mm	18 mm	10000
1856640000	THM WO 12/18 WS	white	12 mm	18 mm	10000
2621530000	THM WO 14/22 WS	white	14 mm	22 mm	5000
1429450000	THM WO 15/140 WS	white	15 mm	140 mm	500
1429440000	THM WO 15/70 WS	white	15 mm	70 mm	500
1774380000	THM WO 17.8/34 WS	white	17.8 mm	33.9 mm	3000
2621500000	THM WO 20/32 WS	white	20 mm	32 mm	3000
2004970000	THM WO 24.5/100 WS	white	25.4 mm	100 mm	2000
1109130000	THM WO 24.5/62 WS	white	24.5 mm	62 mm	2500
2621520000	THM WO 24/69 WS	white	24 mm	69 mm	1000
2621510000	THM WO 25/37 WS	white	25 mm	37 mm	2500
2912620000	THM WO VIN 25.4/63 WS	white	25.4 mm	63.5 mm	1500
1109140000	THM WO 25.4/95.2 WS	white	25.4 mm	95.2 mm	1000
1751561687	THM WO 25/140 GE	yellow	25 mm	140 mm	1050
1751561044	THM WO 25/140 WS	white	25 mm	140 mm	1050
1774340000	THM WO 25/76 GE	yellow	25 mm	76 mm	1800
1774350000	THM WO 25/76 WS	white	25 mm	76 mm	1800
2711990000	THM WO 25.4/93 WS	white	25.4 mm	93 mm	500
1774410000	THM WO 33.5/93.1 GE	yellow	33.5 mm	93.1 mm	500
1774400000	THM WO 33.5/93.1 WS	white	33.5 mm	93.1 mm	500
3008290000	THM WO 50/100 WS	white	50 mm	100 mm	1
1109190000	THM WO 50.8/150 BL	blue	50.8 mm	150 mm	500
1109180000	THM WO 50.8/150 GE	yellow	50.8 mm	150 mm	500
1109170000	THM WO 50.8/150 RT	red	50.8 mm	150 mm	500
1109150000	THM WO 50.8/150 WS	white	50.8 mm	150 mm	500
1934190000	THM WO 51/36 WS	white	50.8 mm	36 mm	1000

THM WriteOn-Q - for quick stripping

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester film	-40...150 °C	V-0	Polyacrylate adhesive	2005080000	RIBBON MM 76/360 SW
				2005070000	RIBBON MM 110/360 SW

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
2711870000	THM WO-Q 25/19.1 WS	white	25 mm	19.1 mm	1000
2711880000	THM WO-Q 25/31.8 WS	white	25 mm	31.8 mm	1000
2711890000	THM WO-Q 25/38.1 WS	white	25 mm	38.1 mm	1000
2711900000	THM WO-Q 25/51.4 WS	white	25 mm	51.4 mm	1000
2711960000	THM WO-QX 25/38.1WS	white	25 mm	38.1 mm	1000
2711950000	THM WO-QX 25/100 WS	white	25 mm	100 mm	1000

THM WriteOn QX with perforated protective foil

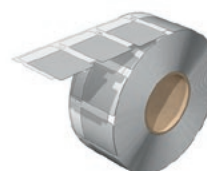
THM WriteOn - Tedlar

Technical data

Material	Temp. range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Tedlar polyvinyl fluoride film®	-40...107 °C	V-0	Polyacrylate adhesive	2005070000	RIBBON MM 110/360 SW

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
1003380000	THM WO T 24.5/100 WS	white	24.5 mm	100 mm	2000
1003420000	THM WO T 24.5/62 WS	white	24.5 mm	62 mm	2500



Wire and cable markers – THM WriteOn

THM WriteOn - Vinyl

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Vinyl film	-40...80 °C	V-0	Polyacrylate adhesive	2005070000	RIBBON MM 110/360 SW

Ordering data

Order No.	Type		Colour	Height	Width	Qty.
1382940000	THM WO VIN 12/18 WS	○	white	12 mm	18 mm	10000
2657100000	THM WO VIN 12.7/19 WS	○	white	12.7 mm	19.1 mm	10000
2657110000	THM WO VIN 12.7/38.1 WS	○	white	12.7 mm	38.1 mm	10000
1382930000	THM WO VIN 17.8/34 WS	○	white	17.8 mm	34 mm	3000
1391430000	THM WO VIN 24.5/100 WS	○	white	24.5 mm	100 mm	2000
1391410000	THM WO VIN 24.5/62 WS	○	white	24.5 mm	62 mm	2000
1253150000	THM WO VIN 25/25 WS	○	white	25 mm	25 mm	5000
2657130000	THM WO VIN 25.4/19 SP WS	○	white	25.4 mm	19 mm	400
2657120000	THM WO VIN 25.4/19 WS	○	white	25.4 mm	19 mm	2000
2657150000	THM WO VIN 25.4/31.8 SP WS	○	white	25.4 mm	31.8 mm	400
2657140000	THM WO VIN 25.4/31.8 WS	○	white	25.4 mm	31.8 mm	2000
1110600000	THM WO VIN 25.4/36.5 WS IW	○	white	25.4 mm	36.5 mm	2500
2625560000	THM WO VIN 25.4/36.5 GE IW	●	yellow	25.4 mm	36.5 mm	2500
2657170000	THM WO VIN 25.4/38.1 SP WS	○	white	25.4 mm	38.1 mm	400
2657160000	THM WO VIN 25.4/38.1 WS	○	white	25.4 mm	38.1 mm	2000
2657190000	THM WO VIN 25.4/57.2 SP WS	○	white	25.4 mm	57.2 mm	400
2657180000	THM WO VIN 25.4/57.2 WS	○	white	25.4 mm	57.2 mm	2000
2657210000	THM WO VIN 25.4/63.5 SP WS	○	white	25.4 mm	63.5 mm	400
2657200000	THM WO VIN 25.4/63.5 WS	○	white	25.4 mm	63.5 mm	2000
1110610000	THM WO VIN 25.4/95.2 WS IW	○	white	25.4 mm	95.2 mm	1000
1882900000	THM WO VIN 49.5/57.1 WS	○	white	49.53 mm	57.1 mm	1000

THM WriteOn-Q VIN - for quick stripping

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Vinyl film	-40...80 °C	V-0	Polyacrylate adhesive	2005080000	RIBBON MM 76/360 SW
				2005070000	RIBBON MM 110/360 SW

Ordering data

Order No.	Type		Colour	Height	Width	Qty.
2711910000	THM WO-Q VIN 25/19.1 WS	○	white	25 mm	19.1 mm	1000
2711920000	THM WO-Q VIN 25/31.8 WS	○	white	25 mm	31.8 mm	1000
2711930000	THM WO-Q VIN 25/38.1 WS	○	white	25 mm	38.1 mm	1000
2711940000	THM WO-Q VIN 25/51.4 WS	○	white	25 mm	51.4 mm	1000
2711980000	THM WO-QX VIN 25/38.1 WS	○	white	25 mm	38.1 mm	1000
2711970000	THM WO-QX VIN 25/100 WS	○	white	25 mm	100 mm	1000

THM WO-QX VIN with perforated protective foil

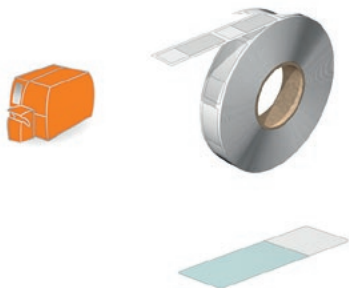
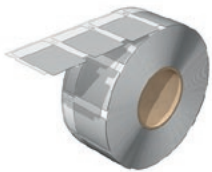
THM WriteOn-R VIN - for THM MultiMark R-Fix

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Vinyl film	-40...80 °C	V-0		2005080000	RIBBON MM 76/360 SW

Ordering data

Order No.	Type		Colour	Height	Width	Qty.
2932070000	THM WO-R VIN 12.7/19.1 WS	○	white	12.7 mm	19.1 mm	7450
2932100000	THM WO-R VIN 12.7/38.1 WS	○	white	12.7 mm	38.1 mm	7450
2932080000	THM WO-R VIN 25.4/19.1 WS	○	white	25.4 mm	19.1 mm	5800
2932090000	THM WO-R VIN 25.4/25.4 WS	○	white	25.4 mm	25.4 mm	4000
2932130000	THM WO-R VIN 25.4/31.8 WS	○	white	25.4 mm	70 mm	2250
2932110000	THM WO-R VIN 25.4/38.1 WS	○	white	25.4 mm	38.1 mm	4000
3062890000	THM WO-R VIN 25.4/57.2 WS	○	white	25.4 mm	57.2 mm	2750
2932120000	THM WO-R VIN 25.4/63.5 WS	○	white	25.4 mm	63.5 mm	2450



LM W0

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive
Polyester film	-40 °C...150 °C	V-0	Acrylate

Ordering data

Order No.	Type		Colour	Labelling field	Wire O.D.	Qty.
1773880000	LM W0 15/140 WS	○	white	15 x 70 mm	16.2 - 36.4 mm	260
1759871044	LM W0 15/70 WS	○	white	15 x 30 mm	8.2 - 14.3 mm	520
1695711687	LM W0 18/34 GE	●	yellow	18 x 12.7 mm	5 - 7 mm	880
1695711044	LM W0 18/34 WS	○	white	17.8 x 13 mm	5 - 7 mm	880
1695721687	LM W0 23/55 GE	●	yellow	23 x 12.7 mm	6.8 - 12 mm	400
1695721044	LM W0 23/55 WS	○	white	23 x 12.7 mm	6.8 - 12 mm	400
1768390000	LM W0 25.4/57 GE	●	yellow	25.4 x 18 mm	6.8 - 12 mm	350
1768380000	LM W0 25.4/57 WS	○	white	25.4 x 18 mm	5.9 - 12.3 mm	350
1768400000	LM W0 25.4/95 WS	○	white	25.4 x 25 mm	8 - 22 mm	210
1712491687	LM W0 25/140 GE	●	yellow	25 x 26 mm	16.2 - 36.4 mm	160
1712491044	LM W0 25/140 WS	○	white	25 x 26 mm	16.2 - 36.4 mm	160
1695731687	LM W0 25/68 GE	●	yellow	25 x 17 mm	8.2 - 14.3 mm	280
1695731044	LM W0 25/68 WS	○	white	25 x 17 mm	8.2 - 14.3 mm	280
1695741687	LM W0 36/93 GE	●	yellow	36 x 25 mm	9.5 - 22.3 mm	150
1695741044	LM W0 36/93 WS	○	white	36 x 25 mm	9.5 - 22.3 mm	150
1768430000	LM W0 37/25 GE	●	yellow	37 x 8 mm	3.4 - 4.8 mm	550



MultMark shrink sleeves

For you at a glance

Identify cables and wires in confined spaces

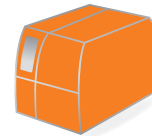
For a long time now, clear and durable identification of your plant's modules, electrical components, wires and cables has not only been an absolute must but also highly important with respect to maintenance and troubleshooting. Labelling using shrink sleeves is one very common way of identifying wires and cables.

For example, shrink sleeves are actually the most common form of marker used for identification purposes in the railway industry. In this industry, an essential consideration is the stringent requirements regarding flammability characteristics. With our shrink sleeves, we meet the need for a labelling solution that satisfies the most stringent requirements set down in the CEN/TS 45545-2 HL3 standard.

In applications where space is at a premium, shrink sleeves offer a compact marking solution, for example when wiring multi pole plug in. Our new endless shrink sleeves offer customised design opportunities.



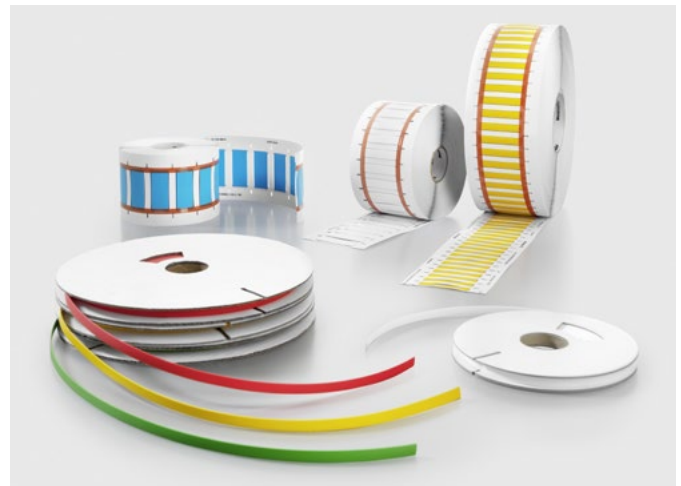
THM MultiMark



THM MultiMark PLUS



THM MultiMark TWIN



All materials are printed in a customised manner in combination with the intuitive M-Print® PRO labelling software.



Technical data HS-HF, HSS-HF, HSS-HF EL

Material	Polyolefin, halogenfrei
Flammability Rating	ASTM D 635-HB EN 45545-2 HL 3
Temperature range	-55 °C to 105 °C
Rate of shrinkage	2:1
Recom. shrink temperature	90 °C
Ink ribbon organised	2448880000, RIBBON MM-HS 60/300 SW
Ink ribbon endless	1426210000, RIBBON HSS HF EL 40/300

Technical data HS, HSS EL

Material	Polyolefin
Flammability Rating	UL 224 VW-1
Temperature range	- 55 °C to 135 °C
Rate of shrinkage	3:1
Recom. shrink temperature	90 °C
Ink ribbon organised	2448880000, RIBBON MM-HS 60/300 SW
Ink ribbon endless	1426210000, RIBBON HSS HF EL 40/300

Technical data HS-FR

Material	Polyolefin
Flammability Rating	EN 45545-HL2
Temperature range	- 55 °C to 125 °C
Rate of shrinkage	2:1
Recom. shrink temperature	90 °C
Ink ribbon organised	2448880000, RIBBON MM-HS 60/300 SW

Ordering data

Possible printing systems	THM MultiMark, THM MultiMark PLUS, THM MultiMark TWIN
Ink ribbon organised	2448880000, RIBBON MM-HS 60/300 SW (black) 2005040000 RIBBON MM 80/300 WS (white)
Ink ribbon endless	1426210000, RIBBON HSS HF EL 40/300 SW (black)
Printer roller THM MultiMark	Labels, shrink sleeves: THM MMP ROLLER 115 (1357420000)
Printer roller THM MultiMark PLUS, THM MultiMark TWIN	2672590000 MM PLUS ROLLER 110
Perforation unit for endless material	1416330000 THM MMP PERFORATOR (THM MultiMark) 1540770000 THM PLUS M PERFORATOR (THM MultiMark PLUS)

Your benefits with MultiMark shrink sleeves

- Configure markers the simple way with the M-Print® PRO labelling software
- Convenient assembly due to perforation of endless markers
- Time-saving installation thanks to simple handling
- Comply with common standards by using resistant markers

HS ... 12.7 mm

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	3:1	-55...135 °C	90 °C	2448880000	RIBBON MM-HS 60/300 SW

Ordering data

Order No.	Type		Colour	Height	Wire O.D.	Qty.
2526030000	HS 0.8-2.4/12 MM W	○	white	12.7 mm	0.8 - 2.4 mm	4000
2526060000	HS 0.8-2.4/12 MM Y	●	yellow	12.7 mm	0.8 - 2.4 mm	4000
2526070000	HS 1.0-3.2/12 MM W	○	white	12.7 mm	1 - 3.2 mm	4000
2526080000	HS 1.0-3.2/12 MM Y	●	yellow	12.7 mm	1 - 3.2 mm	4000
2526090000	HS 1.6-4.8/12 MM W	○	white	12.7 mm	1.6 - 4.8 mm	4000
2526100000	HS 1.6-4.8/12 MM Y	●	yellow	12.7 mm	1.6 - 4.8 mm	4000
2526110000	HS 2.1-6.4/12 MM W	○	white	12.7 mm	2.1 - 6.4 mm	4000
2526120000	HS 2.1-6.4/12 MM Y	●	yellow	12.7 mm	2.1 - 6.4 mm	4000
2526130000	HS 3.2-9.5/12 MM W	○	white	12.7 mm	3.2 - 9.5 mm	2000
2526140000	HS 3.2-9.5/12 MM Y	●	yellow	12.7 mm	3.2 - 9.5 mm	2000
2526150000	HS 4.2-12.7/12 MM W	○	white	12.7 mm	4.2 - 12.7 mm	2000
2526160000	HS 4.2-12.7/12 MM Y	●	yellow	12.7 mm	4.2 - 12.7 mm	2000

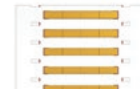
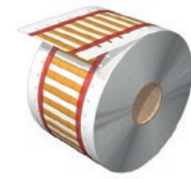
HS...25.4 mm

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	3:1	-55...135 °C	90 °C	2448880000	RIBBON MM-HS 60/300 SW

Ordering data

Order No.	Type		Colour	Height	Wire O.D.	Qty.
2437470000	HS 0.8-2.4/25 MM W	○	white	25.4 mm	0.8 - 2.4 mm	2000
2437480000	HS 0.8-2.4/25 MM Y	●	yellow	25.4 mm	0.8 - 2.4 mm	2000
2437510000	HS 1.0-3.2/25 MM W	○	white	25.4 mm	1 - 3.2 mm	2000
2437520000	HS 1.0-3.2/25 MM Y	●	yellow	25.4 mm	1 - 3.2 mm	2000
2437550000	HS 1.6-4.8/25 MM W	○	white	25.4 mm	1.6 - 4.8 mm	2000
2437560000	HS 1.6-4.8/25 MM Y	●	yellow	25.4 mm	1.6 - 4.8 mm	2000
2437630000	HS 2.1-6.4/25 MM W	○	white	25.4 mm	2.1 - 6.4 mm	2000
2437640000	HS 2.1-6.4/25 MM Y	●	yellow	25.4 mm	2.1 - 6.4 mm	2000
2437670000	HS 3.2-9.5/25 MM W	○	white	25.4 mm	3.2 - 9.5 mm	1000
2437680000	HS 3.2-9.5/25 MM Y	●	yellow	25.4 mm	3.2 - 9.5 mm	1000
2437710000	HS 4.2-12.7/25 MM W	○	white	25.4 mm	4.2 - 12.7 mm	1000
2437720000	HS 4.2-12.7/25 MM Y	●	yellow	25.4 mm	4.2 - 12.7 mm	1000
2437750000	HS 6.4-19.1/25 MM W	○	white	25.4 mm	6.4 - 19.1 mm	800
2437760000	HS 6.4-19.1/25 MM Y	●	yellow	25.4 mm	6.4 - 19.1 mm	800
2437790000	HS 8.5-25.4/25 MM W	○	white	25.4 mm	8.5 - 25.4 mm	400
2437800000	HS 8.5-25.4/25 MM Y	●	yellow	25.4 mm	8.5 - 25.4 mm	400
2437590000	HS 12.7-38.1/25 MM W	○	white	25.4 mm	12.7 - 38.1 mm	200
2437600000	HS 12.7-38.1/25 MM Y	●	yellow	25.4 mm	12.7 - 38.1 mm	200



Wire and cable markers – shrink sleeves

HS...50.8 mm

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	3:1	-55...135 °C	90 °C	2448880000	RIBBON MM-HS 60/300 SW

Ordering data

Order No.	Type		Colour	Height	Wire O.D.	Qty.
2437490000	HS 0.8-2.4/50 MM W	○	white	50.8 mm	0.8 - 2.4 mm	1000
2437500000	HS 0.8-2.4/50 MM Y	●	yellow	50.8 mm	0.8 - 2.4 mm	1000
2437530000	HS 1.0-3.2/50 MM W	○	white	50.8 mm	1 - 3.2 mm	1000
2437540000	HS 1.0-3.2/50 MM Y	●	yellow	50.8 mm	1 - 3.2 mm	1000
2437570000	HS 1.6-4.8/50 MM W	○	white	50.8 mm	1.6 - 4.8 mm	1000
2437580000	HS 1.6-4.8/50 MM Y	●	yellow	50.8 mm	1.6 - 4.8 mm	1000
2437650000	HS 2.1-6.4/50 MM W	○	white	50.8 mm	2.1 - 6.4 mm	1000
2437660000	HS 2.1-6.4/50 MM Y	●	yellow	50.8 mm	2.1 - 6.4 mm	1000
2437690000	HS 3.2-9.5/50 MM W	○	white	50.8 mm	3.2 - 9.5 mm	500
2437700000	HS 3.2-9.5/50 MM Y	●	yellow	50.8 mm	3.2 - 9.5 mm	500
2437730000	HS 4.2-12.7/50 MM W	○	white	50.8 mm	4.2 - 12.7 mm	500
2437740000	HS 4.2-12.7/50 MM Y	●	yellow	50.8 mm	4.2 - 12.7 mm	500
2437770000	HS 6.4-19.1/50 MM W	○	white	50.8 mm	6.4 - 19.1 mm	400
2437780000	HS 6.4-19.1/50 MM Y	●	yellow	50.8 mm	6.4 - 19.1 mm	400
2437810000	HS 8.5-25.4/50 MM W	○	white	50.8 mm	8.5 - 25.4 mm	200
2437820000	HS 8.5-25.4/50 MM Y	●	yellow	50.8 mm	8.5 - 25.4 mm	200
2437610000	HS 12.7-38.1/50 MM W	○	white	50.8 mm	12.7 - 38.1 mm	100
2437620000	HS 12.7-38.1/50 MM Y	●	yellow	50.8 mm	12.7 - 38.1 mm	100

HS-HF 12.7 mm halogen-free

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...105 °C	90 °C	2448880000	RIBBON MM-HS 60/300 SW

Ordering data

Order No.	Type		Colour	Height	Wire O.D.	Qty.
2526230000	HS-HF 1.2-2.4/12 MM W	○	white	12.7 mm	1.2 - 2.4 mm	4000
2526240000	HS-HF 1.2-2.4/12 MM Y	●	yellow	12.7 mm	1.2 - 2.4 mm	4000
2526250000	HS-HF 1.6-3.2/12 MM W	○	white	12.7 mm	1.6 - 3.2 mm	4000
2526260000	HS-HF 1.6-3.2/12 MM Y	●	yellow	12.7 mm	1.6 - 3.2 mm	4000
2526270000	HS-HF 2.4-4.8/12 MM W	○	white	12.7 mm	2.4 - 4.8 mm	4000
2526280000	HS-HF 2.4-4.8/12 MM Y	●	yellow	12.7 mm	2.4 - 4.8 mm	4000
2526290000	HS-HF 3.2-6.4/12 MM W	○	white	12.7 mm	3.2 - 6.4 mm	4000
2526300000	HS-HF 3.2-6.4/12 MM Y	●	yellow	12.7 mm	3.2 - 6.4 mm	4000
2526310000	HS-HF 4.8-9.5/12 MM W	○	white	12.7 mm	4.8 - 9.5 mm	2000
2526320000	HS-HF 4.8-9.5/12 MM Y	●	yellow	12.7 mm	4.8 - 9.5 mm	2000
2526330000	HS-HF 6.4-12.7/12 MM W	○	white	12.7 mm	6.4 - 12.7 mm	2000
2526340000	HS-HF 6.4-12.7/12 MM Y	●	yellow	12.7 mm	6.4 - 12.7 mm	2000



HS-HF 25.4 mm halogen-free

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...105 °C	90 °C	2448880000	RIBBON MM-HS 60/300 SW

Ordering data

Order No.	Type		Colour	Height	Wire O.D.	Qty.
2437830000	HS-HF 1.2-2.4/25 MM W	○	white	25.4 mm	1.2 - 2.4 mm	2000
2437840000	HS-HF 1.2-2.4/25 MM Y	●	yellow	25.4 mm	1.2 - 2.4 mm	2000
2437870000	HS-HF 1.6-3.2/25 MM W	○	white	25.4 mm	1.6 - 3.2 mm	2000
2437880000	HS-HF 1.6-3.2/25 MM Y	●	yellow	25.4 mm	1.6 - 3.2 mm	2000
2437990000	HS-HF 2.4-4.8/25 MM W	○	white	25.4 mm	2.4 - 4.8 mm	2000
2438000000	HS-HF 2.4-4.8/25 MM Y	●	yellow	25.4 mm	2.4 - 4.8 mm	2000
2438040000	HS-HF 3.2-6.4/25 MM W	○	white	25.4 mm	3.2 - 6.4 mm	2000
2438050000	HS-HF 3.2-6.4/25 MM Y	●	yellow	25.4 mm	3.2 - 6.4 mm	2000
2438090000	HS-HF 4.8-9.5/25 MM W	○	white	25.4 mm	4.8 - 9.5 mm	1000
2438100000	HS-HF 4.8-9.5/25 MM Y	●	yellow	25.4 mm	4.8 - 9.5 mm	1000
2438140000	HS-HF 6.4-12.7/25 MM W	○	white	25.4 mm	6.4 - 12.7 mm	1000
2438150000	HS-HF 6.4-12.7/25 MM Y	●	yellow	25.4 mm	6.4 - 12.7 mm	1000
2438190000	HS-HF 9.5-19.1/25 MM W	○	white	25.4 mm	9.5 - 19.1 mm	800
2438200000	HS-HF 9.5-19.1/25 MM Y	●	yellow	25.4 mm	9.5 - 19.1 mm	800
2437910000	HS-HF 12.7-25.4/25 MM W	○	white	25.4 mm	12.7 - 25.4 mm	400
2437920000	HS-HF 12.7-25.4/25 MM Y	●	yellow	25.4 mm	12.7 - 25.4 mm	400
2437950000	HS-HF 19.5-38.1/25 MM W	○	white	25.4 mm	19.5 - 38.1 mm	200
2437960000	HS-HF 19.5-38.1/25 MM Y	●	yellow	25.4 mm	19.5 - 38.1 mm	200

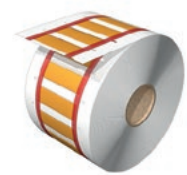
HS-HF 50.8 mm halogen-free

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...105 °C	90 °C	2448880000	RIBBON MM-HS 60/300 SW

Ordering data

Order No.	Type		Colour	Height	Wire O.D.	Qty.
2437850000	HS-HF 1.2-2.4/50 MM W	○	white	50.8 mm	1.2 - 2.4 mm	1000
2437860000	HS-HF 1.2-2.4/50 MM Y	●	yellow	50.8 mm	1.2 - 2.4 mm	1000
2437890000	HS-HF 1.6-3.2/50 MM W	○	white	50.8 mm	1.6 - 3.2 mm	1000
2437900000	HS-HF 1.6-3.2/50 MM Y	●	yellow	50.8 mm	1.6 - 3.2 mm	1000
2438010000	HS-HF 2.4-4.8/50 MM W	○	white	50.8 mm	2.4 - 4.8 mm	1000
2438020000	HS-HF 2.4-4.8/50 MM Y	●	yellow	50.8 mm	2.4 - 4.8 mm	1000
2438060000	HS-HF 3.2-6.4/50 MM W	○	white	50.8 mm	3.2 - 6.4 mm	1000
2438070000	HS-HF 3.2-6.4/50 MM Y	●	yellow	50.8 mm	3.2 - 6.4 mm	1000
2438110000	HS-HF 4.8-9.5/50 MM W	○	white	50.8 mm	4.8 - 9.5 mm	500
2438120000	HS-HF 4.8-9.5/50 MM Y	●	yellow	50.8 mm	4.8 - 9.5 mm	500
2438160000	HS-HF 6.4-12.7/50 MM W	○	white	50.8 mm	6.4 - 12.7 mm	500
2438170000	HS-HF 6.4-12.7/50 MM Y	●	yellow	50.8 mm	6.4 - 12.7 mm	500
2438210000	HS-HF 9.5-19.1/50 MM W	○	white	50.8 mm	9.5 - 19.1 mm	400
2438220000	HS-HF 9.5-19.1/50 MM Y	●	yellow	50.8 mm	9.5 - 19.1 mm	400
2437930000	HS-HF 12.7-25.4/50 MM W	○	white	50.8 mm	12.7 - 25.4 mm	200
2437940000	HS-HF 12.7-25.4/50 MM Y	●	yellow	50.8 mm	12.7 - 25.4 mm	200
2437970000	HS-HF 19.5-38.1/50 MM W	○	white	50.8 mm	19.5 - 38.1 mm	100
2437980000	HS-HF 19.5-38.1/50 MM Y	●	yellow	50.8 mm	19.5 - 38.1 mm	100



Wire and cable markers – shrink sleeves

HS-FR... 25.4 - in accordance with DIN EN 50343 Annex H

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...125 °C	90 °C	2448880000	RIBBON MM-HS 60/300 SW

Ordering data

Order No.	Type		Colour	Height	Wire O.D.	Qty.
2621560000	HS-FR 1.2-2.4/25 MM W	○	white	24.9 mm	1.2 - 2.4 mm	2000
2621570000	HS-FR 1.2-2.4/25 MM Y	●	yellow	24.9 mm	1.2 - 2.4 mm	2000
2621580000	HS-FR 1.6-3.2/25 MM W	○	white	24.9 mm	1.6 - 3.2 mm	2000
2621590000	HS-FR 1.6-3.2/25 MM Y	●	yellow	24.9 mm	1.6 - 3.2 mm	2000
2621600000	HS-FR 2.4-4.8/25 MM W	○	white	24.9 mm	2.4 - 4.8 mm	2000
2621610000	HS-FR 2.4-4.8/25 MM Y	●	yellow	24.9 mm	2.4 - 4.8 mm	2000
2621620000	HS-FR 3.2-6.4/25 MM W	○	white	24.9 mm	3.2 - 6.4 mm	2000
2621630000	HS-FR 3.2-6.4/25 MM Y	●	yellow	24.9 mm	3.2 - 6.4 mm	2000
2621640000	HS-FR 4.8-9.5/25 MM W	○	white	24.9 mm	4.8 - 9.5 mm	1000
2621650000	HS-FR 4.8-9.5/25 MM Y	●	yellow	24.9 mm	4.8 - 9.5 mm	1000
2621660000	HS-FR 6.4-12.7/25 MM W	○	white	24.9 mm	6.4 - 12.7 mm	1000
2621670000	HS-FR 6.4-12.7/25 MM Y	●	yellow	24.9 mm	6.4 - 12.7 mm	1000



HSS... Endless 10 meters

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	3:1	-55...135 °C	90 °C	1426210000	RIBBON HSS HF EL 40/300 SW

Ordering data

Order No.	Type		Colour	Length	Wire O.D.	Qty.
1489680000	HSS 6.4-19.1 EL W10M	○	white	10000 mm	6.4 - 19.1 mm	1
1489690000	HSS 6.4-19.1 EL Y10M	●	yellow	10000 mm	6.4 - 19.1 mm	1
1489690000	HSS 8.5-25.4 EL W10M	○	white	10000 mm	8.5 - 25.4 mm	1
1489610000	HSS 8.5-25.4 EL Y10M	●	yellow	10000 mm	8.5 - 25.4 mm	1



HSS... Endless 13 meters

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	3:1	-55...135 °C	90 °C	1426210000	RIBBON HSS HF EL 40/300 SW

Ordering data

Order No.	Type		Colour	Length	Wire O.D.	Qty.
1489620000	HSS 0.8-2.4 EL W13M	○	white	13000 mm	0.8 - 2.4 mm	1
1489530000	HSS 0.8-2.4 EL Y13M	●	yellow	13000 mm	0.8 - 2.4 mm	1
1489630000	HSS 1.0-3.2 EL W13M	○	white	13000 mm	1 - 3.2 mm	1
1489540000	HSS 1.0-3.2 EL Y13M	●	yellow	13000 mm	1 - 3.2 mm	1
1489640000	HSS 1.6-4.8 EL W13M	○	white	13000 mm	1.6 - 4.8 mm	1
1489550000	HSS 1.6-4.8 EL Y13M	●	yellow	13000 mm	1.6 - 4.8 mm	1
1489650000	HSS 2.1-6.4 EL W13M	○	white	13000 mm	2.1 - 6.4 mm	1
1489560000	HSS 2.1-6.4 EL Y13M	●	yellow	13000 mm	2.1 - 6.4 mm	1
1489660000	HSS 3.2-9.5 EL W13M	○	white	13000 mm	3.2 - 9.5 mm	1
1489570000	HSS 3.2-9.5 EL Y13M	●	yellow	13000 mm	3.2 - 9.5 mm	1
1489670000	HSS 4.2-12.7 EL W13M	○	white	13000 mm	4.2 - 12.7 mm	1
1489580000	HSS 4.2-12.7 EL Y13M	●	yellow	13000 mm	4.2 - 12.7 mm	1

HSS... Endless 30 meters

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	3:1	-55...135 °C	90 °C	1426210000	RIBBON HSS HF EL 40/300 SW

Ordering data

Order No.	Type		Colour	Length	Wire O.D.	Qty.
1505840000	HSS 0.8-2.4 EL W30M	○	white	30000 mm	0.8 - 2.4 mm	1
1505760000	HSS 0.8-2.4 EL Y30M	●	yellow	30000 mm	0.8 - 2.4 mm	1
1505850000	HSS 1.0-3.2 EL W30M	○	white	30000 mm	1 - 3.2 mm	1
1505770000	HSS 1.0-3.2 EL Y30M	●	yellow	30000 mm	1 - 3.2 mm	1
1505860000	HSS 1.6-4.8 EL W30M	○	white	30000 mm	1.6 - 4.8 mm	1
1505780000	HSS 1.6-4.8 EL Y30M	●	yellow	30000 mm	1.6 - 4.8 mm	1
1505870000	HSS 2.1-6.4 EL W30M	○	white	30000 mm	2.1 - 6.4 mm	1
1505790000	HSS 2.1-6.4 EL Y30M	●	yellow	30000 mm	2.1 - 6.4 mm	1
1505880000	HSS 3.2-9.5 EL W30M	○	white	30000 mm	3.2 - 9.5 mm	1
1505800000	HSS 3.2-9.5 EL Y30M	●	yellow	30000 mm	3.2 - 9.5 mm	1
1505890000	HSS 4.2-12.7 EL W30M	○	white	30000 mm	4.2 - 12.7 mm	1
1505810000	HSS 4.2-12.7 EL Y30M	●	yellow	30000 mm	4.2 - 12.7 mm	1
1505900000	HSS 6.4-19.1 EL W30M	○	white	30000 mm	6.4 - 19.1 mm	1
1505820000	HSS 6.4-19.1 EL Y30M	●	yellow	30000 mm	6.4 - 19.1 mm	1
1505910000	HSS 8.5-25.4 EL W30M	○	white	30000 mm	8.5 - 25.4 mm	1
1505830000	HSS 8.5-25.4 EL Y30M	●	yellow	30000 mm	8.5 - 25.4 mm	1

Note: External roll holder necessary

HSS-HF... Halogen-free Endless 10 meters

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...105 °C	90 °C	1426210000	RIBBON HSS HF EL 40/300 SW

Ordering data

Order No.	Type		Colour	Length	Wire O.D.	Qty.
1423390000	HSS-HF 9.5-19.1 EL W10M	○	white	10000 mm	9.5 - 19.1 mm	1
1423280000	HSS-HF 9.5-19.1 EL Y10M	●	yellow	10000 mm	9.5 - 19.1 mm	1
1423410000	HSS-HF 12.7-25.4 EL W10M	○	white	10000 mm	12.7 - 25.4 mm	1
1423290000	HSS-HF 12.7-25.4 EL Y10M	●	yellow	10000 mm	12.7 - 25.4 mm	1



HSS-HF... Halogen-free Endless 13 meters

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...105 °C	90 °C	1426210000	RIBBON HSS HF EL 40/300 SW

Ordering data

Order No.	Type		Colour	Length	Wire O.D.	Qty.
1423330000	HSS-HF 1.2-2.4 EL W13M	○	white	13000 mm	1.2 - 2.4 mm	1
1423220000	HSS-HF 1.2-2.4 EL Y13M	●	yellow	13000 mm	1.2 - 2.4 mm	1
1423340000	HSS-HF 1.6-3.2 EL W13M	○	white	13000 mm	1.6 - 3.2 mm	1
1423230000	HSS-HF 1.6-3.2 EL Y13M	●	yellow	13000 mm	1.6 - 3.2 mm	1
1423350000	HSS-HF 2.4-4.8 EL W13M	○	white	13000 mm	2.4 - 4.8 mm	1
1423240000	HSS-HF 2.4-4.8 EL Y13M	●	yellow	13000 mm	2.4 - 4.8 mm	1
1423360000	HSS-HF 3.2-6.4 EL W13M	○	white	13000 mm	3.2 - 6.4 mm	1
1423250000	HSS-HF 3.2-6.4 EL Y13M	●	yellow	13000 mm	3.2 - 6.4 mm	1
1423370000	HSS-HF 4.8-9.5 EL W13M	○	white	13000 mm	4.8 - 9.5 mm	1
1423260000	HSS-HF 4.8-9.5 EL Y13M	●	yellow	13000 mm	4.8 - 9.5 mm	1
1423380000	HSS-HF 6.4-12.7 EL W13M	○	white	13000 mm	6.4 - 12.7 mm	1
1423270000	HSS-HF 6.4-12.7 EL Y13M	●	yellow	13000 mm	6.4 - 12.7 mm	1



HSS-HF... Halogen-free Endless 30 meters

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...105 °C	90 °C	1426210000	RIBBON HSS HF EL 40/300 SW

Ordering data

Order No.	Type	Colour	Length	Wire O.D.	Qty.
1513240000	HSS-HF 1.2-2.4 EL W30M	white	30000 mm	1.2 - 2.4 mm	1
1513140000	HSS-HF 1.2-2.4 EL Y30M	yellow	30000 mm	1.2 - 2.4 mm	1
1562740000	HSS-HF 1.2-2.4 EL R30M	red	30000 mm	1.2 - 2.4 mm	1
1562840000	HSS-HF 1.2-2.4 EL B30M	blue	30000 mm	1.2 - 2.4 mm	1
1562940000	HSS-HF 1.2-2.4 EL G30M	green	30000 mm	1.2 - 2.4 mm	1
1513250000	HSS-HF 1.6-3.2 EL W30M	white	30000 mm	1.6 - 3.2 mm	1
1513150000	HSS-HF 1.6-3.2 EL Y30M	yellow	30000 mm	1.6 - 3.2 mm	1
1562750000	HSS-HF 1.6-3.2 EL R30M	red	30000 mm	1.6 - 3.2 mm	1
1562850000	HSS-HF 1.6-3.2 EL B30M	blue	30000 mm	1.6 - 3.2 mm	1
1562950000	HSS-HF 1.6-3.2 EL G30M	green	30000 mm	1.6 - 3.2 mm	1
1513270000	HSS-HF 2.4-4.8 EL W30M	white	30000 mm	2.4 - 4.8 mm	1
1513170000	HSS-HF 2.4-4.8 EL Y30M	yellow	30000 mm	2.4 - 4.8 mm	1
1562770000	HSS-HF 2.4-4.8 EL R30M	red	30000 mm	2.4 - 4.8 mm	1
1562870000	HSS-HF 2.4-4.8 EL B30M	blue	30000 mm	2.4 - 4.8 mm	1
1562970000	HSS-HF 2.4-4.8 EL G30M	green	30000 mm	2.4 - 4.8 mm	1
1513280000	HSS-HF 3.2-6.4 EL W30M	white	30000 mm	3.2 - 6.4 mm	1
1513180000	HSS-HF 3.2-6.4 EL Y30M	yellow	30000 mm	3.2 - 6.4 mm	1
1562780000	HSS-HF 3.2-6.4 EL R30M	red	30000 mm	3.2 - 6.4 mm	1
1562880000	HSS-HF 3.2-6.4 EL B30M	blue	30000 mm	3.2 - 6.4 mm	1
1562980000	HSS-HF 3.2-6.4 EL G30M	green	30000 mm	3.2 - 6.4 mm	1
1513290000	HSS-HF 4.8-9.5 EL W30M	white	30000 mm	4.8 - 9.5 mm	1
1513190000	HSS-HF 4.8-9.5 EL Y30M	yellow	30000 mm	4.8 - 9.5 mm	1
1562890000	HSS-HF 4.8-9.5 EL B30M	blue	30000 mm	4.8 - 9.5 mm	1
1562990000	HSS-HF 4.8-9.5 EL G30M	green	30000 mm	4.8 - 9.5 mm	1
1513300000	HSS-HF 6.4-12.7 EL W30M	white	30000 mm	6.4 - 12.7 mm	1
1513200000	HSS-HF 6.4-12.7 EL Y30M	yellow	30000 mm	6.4 - 12.7 mm	1
1562800000	HSS-HF 6.4-12.7 EL R30M	red	30000 mm	6.4 - 12.7 mm	1
1562900000	HSS-HF 6.4-12.7 EL B30M	blue	30000 mm	6.4 - 12.7 mm	1
1563020000	HSS-HF 6.4-12.7 EL G30M	green	30000 mm	6.4 - 12.7 mm	1
1513320000	HSS-HF 9.5-19.1 EL W30M	white	30000 mm	9.5 - 19.1 mm	1
1513220000	HSS-HF 9.5-19.1 EL Y30M	yellow	30000 mm	9.5 - 19.1 mm	1
1562820000	HSS-HF 9.5-19.1 EL R30M	red	30000 mm	9.5 - 19.1 mm	1
1562920000	HSS-HF 9.5-19.1 EL B30M	blue	30000 mm	9.5 - 19.1 mm	1
1563030000	HSS-HF 9.5-19.1 EL G30M	green	30000 mm	9.5 - 19.1 mm	1
1513330000	HSS-HF 12.7-25.4 EL W30M	white	30000 mm	12.7 - 25.4 mm	1
1513230000	HSS-HF 12.7-25.4 EL Y30M	yellow	30000 mm	12.7 - 25.4 mm	1
1562830000	HSS-HF 12.7-25.4 EL R30M	red	30000 mm	12.7 - 25.4 mm	1
1562930000	HSS-HF 12.7-25.4 EL B30M	blue	30000 mm	12.7 - 25.4 mm	1
1563040000	HSS-HF 12.7-25.4 EL G30M	green	30000 mm	12.7 - 25.4 mm	1

Note: External roll holder necessary

HSS-HF... Halogen-free Endless 50 meters

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...105 °C	90 °C	1426210000	RIBBON HSS HF EL 40/300 SW

Ordering data

Order No.	Type	Colour	Length	Wire O.D.	Qty.
1562720000	HSS-HF 9.5-19.1 EL Y50M	yellow	50000 mm	9.5 - 19.1 mm	1
1562730000	HSS-HF 12.7-25.4 EL Y50M	yellow	50000 mm	12.7 - 25.4 mm	1

Note: External roll holder necessary



Wire and cable markers – shrink sleeves

HSS-HF... Halogen-free Endless 75 meters

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...105 °C	90 °C	1426210000	RIBBON HSS HF EL 40/300 SW

Ordering data

Order No.	Type		Colour	Length	Wire O.D.	Qty.
1562640000	HSS-HF 1.2-2.4 EL Y75M	●	yellow	75000 mm	1.2 - 2.4 mm	1
2904850000	HSS-HF 1.2-2.4 EL W75M	○	white	75000 mm	1.2 - 2.4 mm	1
1562650000	HSS-HF 1.6-3.2 EL Y75M	●	yellow	75000 mm	1.6 - 3.2 mm	1
2904840000	HSS-HF 1.6-3.2 EL W75M	○	white	75000 mm	1.6 - 3.2 mm	1
1562670000	HSS-HF 2.4-4.8 EL Y75M	●	yellow	75000 mm	2.4 - 4.8 mm	1
2904830000	HSS-HF 2.4-4.8 EL W75M	○	white	75000 mm	2.4 - 4.8 mm	1
1562680000	HSS-HF 3.2-6.4 EL Y75M	●	yellow	75000 mm	3.2 - 6.4 mm	1
2788640000	HSS-HF 3.2-6.4 EL W75M	○	white	75000 mm	3.2 - 6.4 mm	1
1562690000	HSS-HF 4.8-9.5 EL Y75M	●	yellow	75000 mm	4.8 - 9.5 mm	1
1562700000	HSS-HF 6.4-12.7 EL Y75M	●	yellow	75000 mm	6.4 - 12.7 mm	1

Note: External roll holder necessary



Device markers ESG, SM, CC, THM PV and EL

Make your systems secure

Nameplates, warning signs or functional labels for control and signaling equipment – device marking ensures that machinery and equipment is used correctly and is indispensable in the control cabinet.

Longevity guaranteed: ESG

The multi-coloured and formatted labels have a strong adhesive layer to ensure the best possible adhesion to the underlying surface. Double laminated polyester makes the basic material very thin and yet extremely tear-resistant.

Prevent incorrect operation: SM

MultiMark device markers can be used for identifying equipment from multiple manufacturers. In various areas of application they guarantee the clear assignment of all components, such as control and signaling devices from different vendors.

Standard included: CC

Our systematically coordinated product range includes labels for identifying standard components, as well as all purpose and familiar formats: such as the CC 85/54 marker for creating nameplates.

Customised Identification: EL

The endless variations of MultiMark markers make them an economical alternative to conventional tag rails or special labels. For any given width, the length can be precisely configured by the software to match the respective markers perfectly. A blade is used to cut the labels individually to the specified size.

Technical data MultiMark ESG, SM, CC, EL

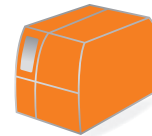
Material	Double-laminated polyester
Material thickness	0.1 mm
Reverse side	Aluminised for all colours
Adhesive	Extremely strong acrylic adhesive
Initial adhesion	950 gr./cm ²

Technical data MultiMark ESG-LP – Spendable

Material	Polyester
Material thickness	0.05 mm
Adhesive	Acrylic adhesive
Initial adhesion	320 gr./cm ²



THM MultiMark



THM MultiMark PLUS



THM MultiMark LPC



Always in the right place: the strong adhesive polyester labels are particularly suitable for labelling equipment.



Type plates are also easy to make with the CC markers and guarantee a secure hold on different surfaces.



Ordering data

Possible printing systems	THM MultiMark, THM MultiMark PLUS, THM MultiMark LPC
Ink ribbon	2005080000, RIBBON MM 76/360 SW (black) 2005090000, RIBBON MM-TB 25/360 SW (black) 2005040000, RIBBON MM 84/300 WS (white) 2918800000, RIBBON MM 110/300 WS (white)
Printer roller	1357420000 THM MMP ROLLER 115
Printer roller THM MultiMark PLUS	2672590000 MM PLUS ROLLER 110

Your benefits with MultiMark

- Double or single laminated polyester
- Can be used with the equipment of many manufacturers
- Device markers with a familiar design
- Delivered on rolls, also for small amounts for thermal transfer printers

Device markers ESG

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...120 °C	V-0	Acrylate adhesive	2005080000	RIBBON MM 76/360 SW
				2005040000	RIBBON MM 84/300 WS

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
2619950000	ESG 6/15 MM GE	● yellow	6 mm	15 mm	3000
2619960000	ESG 6/15 MM GR	● grey	6 mm	15 mm	3000
2619940000	ESG 6/15 MM WS	○ white	6 mm	15 mm	3000
2005110000	ESG 6/17 MM GE	● yellow	6 mm	17 mm	3000
2005120000	ESG 6/17 MM GR	● grey	6 mm	17 mm	3000
2005130000	ESG 6/17 MM SW	● black	6 mm	17 mm	3000
2005100000	ESG 6/17 MM WS	○ white	6 mm	17 mm	3000
2005150000	ESG 8/20 MM GE	● yellow	8 mm	20 mm	3000
2005160000	ESG 8/20 MM GR	● grey	8 mm	20 mm	3000
2005170000	ESG 8/20 MM SW	● black	8 mm	20 mm	3000
2005140000	ESG 8/20 MM WS	○ white	8 mm	20 mm	3000
2005210000	ESG 9/17 MM GE	● yellow	9 mm	17 mm	3000
2005230000	ESG 9/17 MM GR	● grey	9 mm	17 mm	3000
2005250000	ESG 9/17 MM SW	● black	9 mm	17 mm	3000
2005190000	ESG 9/17 MM WS	○ white	9 mm	17 mm	3000

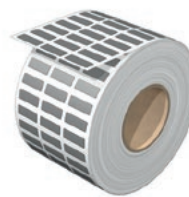
Raised device markers - ESG-F0

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-30...80 °C	V-0	PE-foam with acrylic adhesive	2005080000	RIBBON MM 76/360 SW

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
2620990000	ESG-F0 6/15 MM GE	yellow	6 mm	15 mm	1000
2621060000	ESG-F0 6/15 MM SI	silver	6 mm	15 mm	1000
2620980000	ESG-F0 6/15 MM WS	white	6 mm	15 mm	1000
2620000000	ESG-F0 6/17 MM GE	yellow	6 mm	17 mm	1000
2620910000	ESG-F0 6/17 MM SI	silver	6 mm	17 mm	1000
2619990000	ESG-F0 6/17 MM WS	white	6 mm	17 mm	1000
2620960000	ESG-F0 8/20 MM GE	yellow	8 mm	20 mm	1000
2620970000	ESG-F0 8/20 MM SI	silver	8 mm	20 mm	1000
2620950000	ESG-F0 8/20 MM WS	white	8 mm	20 mm	1000
2620920000	ESG-F0 9/17 MM GE	yellow	9 mm	17 mm	1000
2620940000	ESG-F0 9/17 MM SI	silver	9 mm	17 mm	1000
2620930000	ESG-F0 9/17 MM WS	white	9 mm	17 mm	1000



Device marker ESG Label Processing Center

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyamide	-40...150 °C	V-0	Acrylate adhesive	2005090000	RIBBON MM-TB 25/360 SW

Ordering data

Order No.	Type		Colour	Height	Width	Qty.
2711840000	ESG-LP 6/15 MM WS	○	white	6 mm	15 mm	24000
2711850000	ESG-LP 6/15 MM GE	●	yellow	6 mm	15 mm	24000
2711860000	ESG-LP 6/15 MM SI	●	silver	6 mm	15 mm	24000
2835980000	ESG-LP 9/15 MM GE	●	yellow	9 mm	15 mm	15000
2835990000	ESG-LP 9/15 MM WS	○	white	9 mm	15 mm	15000
2836000000	ESG-LP 9/15 MM SI	●	silver	9 mm	15 mm	15000
2885780000	ESG-LP 6/17 MM WS	○	white	6 mm	17 mm	24000
2885790000	ESG-LP 6/17 MM GE	●	yellow	6 mm	17 mm	24000
2885800000	ESG-LP 6/17 MM SI	●	silver	6 mm	17 mm	24000
2885810000	ESG-LP 9/17 MM WS	○	white	9 mm	17 mm	15000
2885820000	ESG-LP 9/17 MM GE	●	yellow	9 mm	17 mm	15000
2885830000	ESG-LP 9/17 MM SI	●	silver	9 mm	17 mm	15000
2885840000	ESG-LP 9/20 MM WS	○	white	9 mm	20 mm	15000
2885850000	ESG-LP 9/20 MM GE	●	yellow	9 mm	20 mm	15000
2885860000	ESG-LP 9/20 MM SI	●	silver	9 mm	20 mm	15000
2885870000	ESG-LP 10/20 MM WS	○	white	10 mm	20 mm	15000
2885880000	ESG-LP 10/20 MM GE	●	yellow	10 mm	20 mm	15000
2885890000	ESG-LP 10/20 MM SI	●	silver	10 mm	20 mm	15000



Device markers SM

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...120 °C	V-0	Acrylate adhesive	2005080000	RIBBON MM 76/360 SW
				2005040000	RIBBON MM 84/300 WS

Ordering data

Order No.	Type		Colour	Height	Width	Qty.
2006240000	SM 18/9.5 MM GE	●	yellow	9 mm	18 mm	1000
2006260000	SM 18/9.5 MM GR	●	grey	9 mm	18 mm	1000
2006200000	SM 18/9.5 MM SW	●	black	9 mm	18 mm	1000
2006220000	SM 18/9.5 MM WS	○	white	9 mm	18 mm	1000
2535620000	SM 22/22 MM GE	●	yellow	22 mm	22 mm	1000
2535630000	SM 22/22 MM GR	●	grey	22 mm	22 mm	1000
2535610000	SM 22/22 MM WS	○	white	22 mm	22 mm	1000
2006420000	SM 27/8 MM GE	●	yellow	8 mm	27 mm	1000
2006490000	SM 27/8 MM GN	●	green	8 mm	27 mm	1000
2006480000	SM 27/8 MM GR	●	grey	8 mm	27 mm	1000
2006460000	SM 27/8 MM RT	●	red	8 mm	27 mm	1000
2006440000	SM 27/8 MM SW	●	black	8 mm	27 mm	1000
2006400000	SM 27/8 MM WS	○	white	8 mm	27 mm	1000
2006510000	SM 27/12.5 MM GE	●	yellow	12.5 mm	27 mm	1000
2006500000	SM 27/12.5 MM GN	●	green	12.5 mm	27 mm	1000
2006520000	SM 27/12.5 MM GR	●	grey	12.5 mm	27 mm	1000
2006540000	SM 27/12.5 MM RT	●	red	12.5 mm	27 mm	1000
2006530000	SM 27/12.5 MM SW	●	black	12.5 mm	27 mm	1000
2006500000	SM 27/12.5 MM WS	○	white	12.5 mm	27 mm	1000
2006300000	SM 27/18 MM GE	●	yellow	18 mm	27 mm	1000
2006380000	SM 27/18 MM GN	●	green	18 mm	27 mm	1000
2006340000	SM 27/18 MM GR	●	grey	18 mm	27 mm	1000
2006360000	SM 27/18 MM RT	●	red	18 mm	27 mm	1000
2006320000	SM 27/18 MM SW	●	black	18 mm	27 mm	1000
2006280000	SM 27/18 MM WS	○	white	18 mm	27 mm	1000
2496840000	SM 18/9.5 MM GR VPE100	●	grey	9 mm	18 mm	100
2496850000	SM 18/9.5 MM WS VPE100	○	white	9 mm	18 mm	100
2496860000	SM 27/12.5 MM GR VPE100	●	grey	12.5 mm	27 mm	100
2496870000	SM 27/12.5 MM WS VPE100	○	white	12.5 mm	27 mm	100
2496880000	SM 27/18 MM GE VPE100	●	yellow	18 mm	27 mm	100
2496890000	SM 27/18 MM GN VPE100	●	green	18 mm	27 mm	100
2496900000	SM 27/18 MM GR VPE100	●	grey	18 mm	27 mm	100
2496910000	SM 27/18 MM RT VPE100	●	red	18 mm	27 mm	100
2496920000	SM 27/18 MM WS VPE100	○	white	18 mm	27 mm	100
2496930000	SM 27/18-22 MM GE VPE100	●	yellow	47.75 mm	27 mm	100
2496940000	SM 27/18-22 MM GR VPE100	●	grey	47.75 mm	27 mm	100
2496950000	SM 27/18-22 MM SW VPE100	●	black	47.75 mm	27 mm	100
2496960000	SM 27/18-22 MM WS VPE100	○	white	47.75 mm	27 mm	100
2496970000	SM 27/8 MM GE VPE100	●	yellow	8 mm	27 mm	100
2496980000	SM 27/8 MM GN VPE100	●	green	8 mm	27 mm	100
2496990000	SM 27/8 MM GR VPE100	●	grey	8 mm	27 mm	100
2497000000	SM 27/8 MM WS VPE100	○	white	8 mm	27 mm	100
2497010000	SM 36/18-30 MM GR VPE100	●	grey	56 mm	36 mm	100
2497020000	SM 36/18-30 MM WS VPE100	○	white	56 mm	36 mm	100



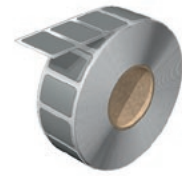
Raised device markers - SM-FO

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-30...80 °C	V-0	PE-foam with acrylic adhesive	2005080000	RIBBON MM 76/360 SW

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
2621170000	SM-FO 18/9.5 MM SI	● silver	9 mm	18 mm	500
2621160000	SM-FO 18/9.5 MM WS	○ white	9 mm	18 mm	500
2712080000	SM-FO 22/22 MM GE	● yellow	22 mm	22 mm	500
2712070000	SM-FO 22/22 MM SI	● silver	22 mm	22 mm	500
2712060000	SM-FO 22/22 MM WS	○ white	22 mm	22 mm	500
2621230000	SM-FO 27/12.5 MM GE	● yellow	12.5 mm	27 mm	500
2621240000	SM-FO 27/12.5 MM SI	● silver	12.5 mm	27 mm	500
2621220000	SM-FO 27/12.5 MM WS	○ white	12.5 mm	27 mm	500
2621110000	SM-FO 27/18 MM GE	● yellow	18 mm	27 mm	500
2621120000	SM-FO 27/18 MM SI	● silver	18 mm	27 mm	500
2621100000	SM-FO 27/18 MM WS	○ white	18 mm	27 mm	500
2621080000	SM-FO 27/8 MM GE	● yellow	8 mm	27 mm	500
2621090000	SM-FO 27/8 MM SI	● silver	8 mm	27 mm	500
2621070000	SM-FO 27/8 MM WS	○ white	8 mm	27 mm	500



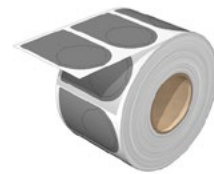
Device markers SM

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...120 °C	V-0	Acrylate adhesive	2005080000	RIBBON MM 76/360 SW
				2005040000	RIBBON MM 84/300 WS

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
2005810000	SM 27/18-22 MM GE	● yellow	47.75 mm	27 mm	1000
2005920000	SM 27/18-22 MM GN	● green	47.75 mm	27 mm	1000
2005860000	SM 27/18-22 MM GR	● grey	47.75 mm	27 mm	1000
2005900000	SM 27/18-22 MM RT	● red	47.75 mm	27 mm	1000
2005880000	SM 27/18-22 MM SW	● black	47.75 mm	27 mm	1000
2005840000	SM 27/18-22 MM WS	○ white	47.75 mm	27 mm	1000
2006080000	SM 36/18-30 MM GE	● yellow	56 mm	36 mm	1000
2006180000	SM 36/18-30 MM GN	● green	56 mm	36 mm	1000
2006120000	SM 36/18-30 MM GR	● grey	56 mm	36 mm	1000
2006160000	SM 36/18-30 MM RT	● red	56 mm	36 mm	1000
2006140000	SM 36/18-30 MM SW	● black	56 mm	36 mm	1000
2006100000	SM 36/18-30 MM WS	○ white	56 mm	36 mm	1000



Raised device markers - SM-FO

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-30...80 °C	V-0	PE-foam with acrylic adhesive	2005080000	RIBBON MM 76/360 SW

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
2621140000	SM-FO 27/18-22 MM GE	● yellow	47.75 mm	27 mm	500
2621130000	SM-FO 27/18-22 MM SI	● silver	47.75 mm	27 mm	500
2621150000	SM-FO 27/18-22 MM WS	○ white	47.75 mm	27 mm	500
2621200000	SM-FO 36/18-30 MM GE	● yellow	56 mm	36 mm	100
2621210000	SM-FO 36/18-30 MM SI	● silver	56 mm	36 mm	100
2621190000	SM-FO 36/18-30 MM WS	○ white	56 mm	36 mm	100



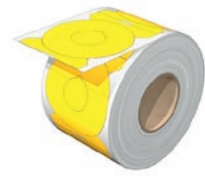
Device markers SM DIA

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...120 °C	V-0	Acrylate adhesive	2005080000	RIBBON MM 76/360 SW

Ordering data

Order No.	Type	Colour	Diameter	Qty.
2006060000	SM DIA 60-22 MM GE	● yellow	60 mm	450
2497030000	SM DIA 60-22 MM GE VPE100	● yellow	60 mm	100



Raised device markers - SM-FO DIA

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-30...80 °C	V-0	PE-foam with acrylic adhesive	2005080000	RIBBON MM 76/360 SW

Ordering data

Order No.	Type	Colour	Diameter	Qty.
2621180000	SM-FO DIA 60-22 MM GE	● yellow	60 mm	100



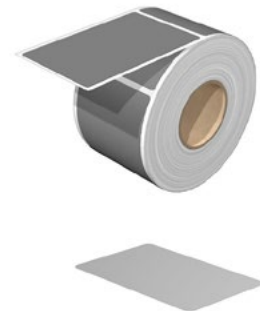
Device markers CC

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...120 °C	V-0	Acrylate adhesive	2005080000	RIBBON MM 76/360 SW
				2005040000	RIBBON MM 84/300 WS

Ordering data

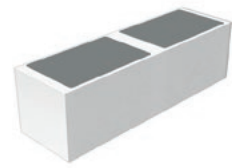
Order No.	Type	Colour	Height	Width	Qty.
2005630000	CC 15/27 MM GE	● yellow	15 mm	27 mm	450
2005660000	CC 15/27 MM GR	● grey	15 mm	27 mm	450
2005690000	CC 15/27 MM SW	● black	15 mm	27 mm	450
2005600000	CC 15/27 MM WS	○ white	15 mm	27 mm	450
2005520000	CC 15/45 MM GE	● yellow	15 mm	45 mm	450
2005540000	CC 15/45 MM GR	● grey	15 mm	45 mm	450
2005570000	CC 15/45 MM SW	● black	15 mm	45 mm	450
2005500000	CC 15/45 MM WS	○ white	15 mm	45 mm	450
2005430000	CC 15/60 MM GE	● yellow	15 mm	60 mm	450
2005460000	CC 15/60 MM GR	● grey	15 mm	60 mm	450
2005480000	CC 15/60 MM SW	● black	15 mm	60 mm	450
2005410000	CC 15/60 MM WS	○ white	15 mm	60 mm	450
2005350000	CC 30/60 MM GE	● yellow	30 mm	60 mm	450
2005370000	CC 30/60 MM GR	● grey	30 mm	60 mm	450
2005390000	CC 30/60 MM SW	● black	30 mm	60 mm	450
2005330000	CC 30/60 MM WS	○ white	30 mm	60 mm	450
2885770000	CC 74/101 MM GE	● yellow	74 mm	101 mm	250
2885760000	CC 74/101 MM GR	● grey	74 mm	101 mm	250
2885750000	CC 74/101 MM WS	○ white	74 mm	101 mm	250
2005280000	CC 85/54 MM GE	● yellow	54 mm	85 mm	450
2005290000	CC 85/54 MM GR	● grey	54 mm	85 mm	450
2005310000	CC 85/54 MM SW	● black	54 mm	85 mm	450
2005270000	CC 85/54 MM WS	○ white	54 mm	85 mm	450



Raised device markers - CC-F0

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-30...80 °C	V-0	PE-foam with acrylic adhesive	2005080000	RIBBON MM 76/360 SW



Ordering data

Order No.	Type		Colour	Height	Width	Qty.
2621380000	CC-F0 15/27 MM GE	●	yellow	15 mm	27 mm	500
2621390000	CC-F0 15/27 MM SI	●	grey	15 mm	27 mm	500
2621370000	CC-F0 15/27 MM WS	○	white	15 mm	27 mm	500
2621350000	CC-F0 15/45 MM GE	●	yellow	15 mm	45 mm	500
2621360000	CC-F0 15/45 MM SI	●	silver	15 mm	45 mm	500
2621340000	CC-F0 15/45 MM WS	○	white	15 mm	45 mm	500
2621320000	CC-F0 15/60 MM GE	●	yellow	15 mm	60 mm	500
2621330000	CC-F0 15/60 MM SI	●	silver	15 mm	60 mm	500
2621310000	CC-F0 15/60 MM WS	○	white	15 mm	60 mm	500
2621290000	CC-F0 30/60 MM GE	●	yellow	30 mm	60 mm	100
2621300000	CC-F0 30/60 MM SI	●	silver	30 mm	60 mm	100
2621280000	CC-F0 30/60 MM WS	○	white	30 mm	60 mm	100
2885740000	CC-F0 74/101 MM GE	●	yellow	74 mm	101 mm	100
2885730000	CC-F0 74/101 MM SI	●	silver	74 mm	101 mm	100
2885720000	CC-F0 74/101 MM WS	○	white	74 mm	101 mm	100
2621260000	CC-F0 85/54 MM GE	●	yellow	54 mm	85 mm	100
2621270000	CC-F0 85/54 MM SI	●	silver	54 mm	85 mm	100
2621250000	CC-F0 85/54 MM WS	○	white	54 mm	85 mm	100

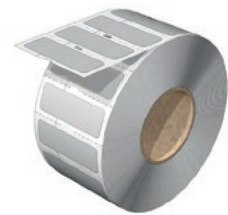
Device markers THM PV

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Fire class acc. to UL 94
Vinyl film	110...-50 °C	V-0	Polyacrylate adhesive	V-0

Ordering data

Order No.	Type		Colour	Height	Width	Qty.
2969150000	THM PV 15/45 TR		Transparent	14.6 mm	44.1 mm	450
2969180000	THM PV 18/9.5 TR		Transparent	8.6 mm	17.6 mm	450
2969170000	THM PV 27/12.5 TR		Transparent	12.1 mm	26.6 mm	450
2969160000	THM PV 27/18 TR		Transparent	17.3 mm	26.6 mm	450
2969130000	THM PV 30/60 TR		Transparent	29.6 mm	59.6 mm	450
2969120000	THM PV 85/54 TR		Transparent	54 mm	85 mm	450



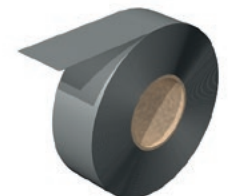
Device markers THM PV EL

Technical data

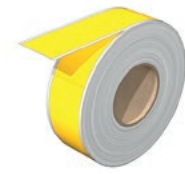
Material	Temperature range	Fire class acc. to UL 94	Adhesive	Fire class acc. to UL 94
Vinyl film	110...-50 °C	V-0	Polyacrylate adhesive	V-0

Ordering data

Order No.	Type		Colour	Height	Width	Qty.
2969070000	THM PV EL 30 WS 30M	○	white	30 mm		1
2969100000	THM PV EL 30 SI 30M	●	silver	30 mm		1
2969060000	THM PV EL 60 WS 30M	○	white	60 mm		1
2969090000	THM PV EL 60 SI 30M	●	silver	60 mm		1
2969050000	THM PV EL 90 WS 30M	○	white	90 mm		1
2969080000	THM PV EL 90 SI 30M	●	silver	90 mm		1



Continuous device marker strips



Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...150 °C	V-0	Acrylate adhesive	2005080000	RIBBON MM 76/360 SW
				2005040000	RIBBON MM 84/300 WS
				2005070000	RIBBON MM 110/360 SW

Ordering data

Order No.	Type		Colour	Height	Length	Qty.
2621400000	EL 6 MM WS 30M	○	white	6 mm	30000 mm	1
2621410000	EL 6 MM GE 30M	●	yellow	6 mm	30000 mm	1
2621420000	EL 9 MM WS 30M	○	white	9 mm	30000 mm	1
2621430000	EL 9 MM GE 30M	●	yellow	9 mm	30000 mm	1
2518680000	EL 12 MM BL 30M	●	blue	12 mm	30000 mm	1
2528220000	EL 12 MM RT 30M	●	red	12 mm	30000 mm	1
2528320000	EL 12 MM GN 30M	●	green	12 mm	30000 mm	1
2006580000	EL 12 MM GE 30M	●	yellow	12 mm	30000 mm	1
2006570000	EL 12 MM WS 30M	○	white	12 mm	30000 mm	1
2528380000	EL 12 MM SW 30M	●	black	12 mm	30000 mm	1
2006600000	EL 12 MM SI 30M	●	silver	12 mm	30000 mm	1
2518990000	EL 15 MM BL 30M	●	blue	15 mm	30000 mm	1
2528270000	EL 15 MM RT 30M	●	red	15 mm	30000 mm	1
2528330000	EL 15 MM GN 30M	●	green	15 mm	30000 mm	1
2006600000	EL 15 MM GE 30M	●	yellow	15 mm	30000 mm	1
2006590000	EL 15 MM WS 30M	○	white	15 mm	30000 mm	1
2528390000	EL 15 MM SW 30M	●	black	15 mm	30000 mm	1
2006610000	EL 15 MM SI 30M	●	silver	15 mm	30000 mm	1
2519000000	EL 27 MM BL 30M	●	blue	27 mm	30000 mm	1
2528280000	EL 27 MM RT 30M	●	red	27 mm	30000 mm	1
2528340000	EL 27 MM GN 30M	●	green	27 mm	30000 mm	1
2006640000	EL 27 MM GE 30M	●	yellow	27 mm	30000 mm	1
2006630000	EL 27 MM WS 30M	○	white	27 mm	30000 mm	1
2528400000	EL 27 MM SW 30M	●	black	27 mm	30000 mm	1
2006620000	EL 27 MM SI 30M	●	silver	27 mm	30000 mm	1
2519010000	EL 38 MM BL 30M	●	blue	38 mm	30000 mm	1
2528290000	EL 38 MM RT 30M	●	red	38 mm	30000 mm	1
2528350000	EL 38 MM GN 30M	●	green	38 mm	30000 mm	1
2006670000	EL 38 MM GE 30M	●	yellow	38 mm	30000 mm	1
2006660000	EL 38 MM WS 30M	○	white	38 mm	30000 mm	1
2528410000	EL 38 MM SW 30M	●	black	38 mm	30000 mm	1
2006650000	EL 38 MM SI 30M	●	silver	38 mm	30000 mm	1
2519020000	EL 60 MM BL 30M	●	blue	60 mm	30000 mm	1
2528300000	EL 60 MM RT 30M	●	red	60 mm	30000 mm	1
2528360000	EL 60 MM GN 30M	●	green	60 mm	30000 mm	1
2006700000	EL 60 MM GE 30M	●	yellow	60 mm	30000 mm	1
2006690000	EL 60 MM WS 30M	○	white	60 mm	30000 mm	1
2528420000	EL 60 MM SW 30M	●	black	60 mm	30000 mm	1
2006680000	EL 60 MM SI 30M	●	silver	60 mm	30000 mm	1
2519030000	EL 100 MM BL 30M	●	blue	100 mm	30000 mm	1
2528310000	EL 100 MM RT 30M	●	red	100 mm	30000 mm	1
2528370000	EL 100 MM GN 30M	●	green	100 mm	30000 mm	1
2006730000	EL 100 MM GE 30M	●	yellow	100 mm	30000 mm	1
2006720000	EL 100 MM WS 30M	○	white	100 mm	30000 mm	1
2528430000	EL 100 MM SW 30M	●	black	100 mm	30000 mm	1
2006710000	EL 100 MM SI 30M	●	silver	100 mm	30000 mm	1

CC-Rail - non-adhesive labels

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polypropylene	-50...100 °C	HB		2005080000	RIBBON MM 76/360 SW

Ordering data

Order No.	Type		Colour	Height	Length	Qty.
2619980000	EL CC-RAIL MM GE 30M	●	yellow	15 mm	30000 mm	1
2619970000	EL CC-RAIL MM WS 30M	○	white	15 mm	30000 mm	1



Labels

The right format for all equipment

THM labels offer brilliant printing quality thanks to the thermal transfer technology. Different materials and the user-friendly printing system M-Print® PRO under Windows optimise all labelling needs.

THM MT 30X

Our powerful self-adhesive labels for equipment identification and the use of different materials for your application means that superior standards of labelling are achieved.

THM GEW

Woven-fabric labels are made from a very flexible cotton fabric. The high adhesion values enable flexible application, especially on rough surfaces.

THM ET S7

THM ET S7 are non-adhesive, roll packaged labels and are used to label the SIMATIC 200SP, S7-1500, S7-300 and S7-400 modules from Siemens.

THM EL

THM EL are adhesive-backed continuous labels for the marking of cable conduits and distribution boxes.

KSW

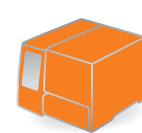
KSW marking strips are used to identify multi-pole PCB connectors. Users can print them individually without being confined to a certain pitch.

Technical data THM MT 30X and THM EL

Material	Polyester or vinyl
Material thickness	0.05 mm
Reverse side	Aluminised only with silver
Adhesive	strong acrylic adhesive
Initial adhesion	540 gr./cm ²

Ordering data

Possible printing systems	THM MultiMark, THM MultiMark PLUS
Ink ribbon	2005070000 RIBBON MM 110/360 SW (black) 2005080000 RIBBON MM 76/360 SW (black) 2005040000 RIBBON MM 80/300 WS (white) 2918800000, RIBBON MM 110/300 WS (white)
Printer roller	Labels, shrink sleeves: THM MMP ROLLER 115 (1357420000)
Printer roller THM MultiMark PLUS	2672590000 MM PLUS ROLLER 110



THM MultiMark



THM MultiMark PLUS



Weidmüller's wide range of labels offers the right solution for every application

Your benefits with THM labels

- High-quality polyester labels in different colours
- Due to the flexible material and thick adhesive layer, the THM GEW can be used on angled or round objects such as cables or hoses
- Roll-packaged THM ET S7 can be used to label the Simatic 200S, S7-300 and S7-400 modules from Siemens
- Labels are automatically positioned in the printer for a perfectly centred print on each label

THM MT - polyester label

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...150 °C	V-0	Acrylate	2005070000	RIBBON MM 110/360 SW



Ordering data

Order No.	Type	Colour	Height	Width	Qty.
1310540000	THM MT30X 8/8 GE	● yellow	8 mm	8 mm	10000
1954070000	THM MT30X 8/8 WS	○ white	8 mm	8 mm	10000
1391390000	THM MT30X 12/6 GE	● yellow	6 mm	12 mm	10000
1072690000	THM MT30X 15/4 GE	● yellow	4 mm	15 mm	10000
1964130000	THM MT30X 15/5.1 GE	● yellow	5.08 mm	15 mm	10000
1753231687	THM MT30X 15/6 GE	● yellow	6 mm	15 mm	10000
1753230001	THM MT30X 15/6 SI	● silver	6 mm	15 mm	10000
1753231044	THM MT30X 15/6 WS	○ white	6 mm	15 mm	10000
1058740000	THM MT30X 15/9 GE	● yellow	9 mm	15 mm	10000
1058750000	THM MT30X 15/9 WS	○ white	9 mm	15 mm	10000
1516990000	THM MT30X 16.5/5.1 GE	● yellow	5.1 mm	16.5 mm	10000
1852520000	THM MT30X 16/7 GE	● yellow	7 mm	16 mm	12500
2969230000	THM MT30X 16/7 WS	○ white	7 mm	16 mm	12500
1338280000	THM MT30X 17.5/17.5 SI	● silver	17.5 mm	17.5 mm	5000
1027620000	THM MT30X 17/8 GE	● yellow	8 mm	17 mm	10000
2712050000	THM MT30X 17/8 WS	○ white	8 mm	17 mm	10000
1856650000	THM MT30X 17/9 GE	● yellow	9 mm	17 mm	10000
1356500000	THM MT30X 17/9 SI	● silver	9 mm	17 mm	10000
1968130000	THM MT30X 17/9 WS	○ white	9 mm	17 mm	10000
2912630000	THM MT30X 17.5/8 GE	● yellow	8 mm	17.5 mm	2500
1753271687	THM MT30X 18/6 GE	● yellow	6 mm	18 mm	10000
1753270001	THM MT30X 18/6 SI	● silver	6 mm	18 mm	10000
1753271044	THM MT30X 18/6 WS	○ white	6 mm	18 mm	10000
2713810000	THM MT30X 18/6.5 SI	● silver	6.5 mm	18 mm	10000
1753251687	THM MT30X 18/9 GE	● yellow	9 mm	18 mm	10000
1753250001	THM MT30X 18/9 SI	● silver	9 mm	18 mm	10000
1753251044	THM MT30X 18/9 WS	○ white	9 mm	18 mm	10000
1085440000	THM MT30X 20/100 WS	○ white	100 mm	20 mm	1500
1753241687	THM MT30X 20/8 GE	● yellow	8 mm	20 mm	10000
1753241044	THM MT30X 20/8 WS	○ white	8 mm	20 mm	10000
1317010000	THM MT30X 24/157 SI	● silver	157 mm	24 mm	500
1378120000	THM MT30X 25.4/50.8 SI	● silver	50.8 mm	25.4 mm	2000
1891770000	THM MT30X 25.9/7.1 WS	○ white	7.1 mm	25.9 mm	5000
1751751687	THM MT30X 25/12 GE	● yellow	12 mm	25 mm	10000
1751750001	THM MT30X 25/12 SI	● silver	12 mm	25 mm	10000
1751751044	THM MT30X 25/12 WS	○ white	12 mm	25 mm	10000
2798960000	THM MT30X 25.4/12.7 TR	Transparent	12.7 mm	25.4 mm	10000
1770090000	THM MT30X 26.5/17.5 SI	● silver	17.5 mm	26.5 mm	10000
1751761687	THM MT30X 26/10 GE	● yellow	10 mm	26 mm	10000
1751760001	THM MT30X 26/10 SI	● silver	10 mm	26 mm	10000
1751761044	THM MT30X 26/10 WS	○ white	10 mm	26 mm	10000
1477340000	THM MT30X 27/27 SI	● silver	27 mm	27 mm	5000
1449830000	THM MT30X 27/85 WS	○ white	85 mm	27 mm	1000
1753261687	THM MT30X 30/20 GE	● yellow	20 mm	30 mm	6000
1753260001	THM MT30X 30/20 SI	● silver	20 mm	30 mm	6000
1753261044	THM MT30X 30/20 WS	○ white	20 mm	30 mm	6000
1014680000	THM MT30X 30/52 SI	● silver	52 mm	30 mm	2000
1356490000	THM MT30X 32/9 GE	● yellow	9 mm	32 mm	10000
1751770001	THM MT30X 32/9 SI	● silver	9 mm	32 mm	10000
1751771044	THM MT30X 32/9 WS	○ white	9 mm	32 mm	10000
1180910000	THM MT30X 36/89 WS	○ white	89 mm	36 mm	1000
1862350000	THM MT30X 38.1/31.8 SI	● silver	31.75 mm	38.1 mm	1000
1011610000	THM MT30X 38/17 WS	○ white	17 mm	38 mm	4000
1751801687	THM MT30X 38/19 GE	● yellow	19 mm	38 mm	2000
1751800001	THM MT30X 38/19 SI	● silver	19 mm	38 mm	2000
1751801044	THM MT30X 38/19 WS	○ white	19 mm	38 mm	2000
1751811687	THM MT30X 45/23 GE	● yellow	23 mm	45 mm	2000
1751810001	THM MT30X 45/23 SI	● silver	23 mm	45 mm	2000
1751811044	THM MT30X 45/23 WS	○ white	23 mm	45 mm	2000
1852540000	THM MT30X 57/27 SI	● silver	27 mm	57 mm	1000
2621550000	THM MT30X 50/18 WS	○ white	18 mm	50 mm	2000
2912640000	THM MT30X 70/32 WS	○ white	32 mm	70 mm	1000

Device markers – THM and LM

THM MT - polyester label

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...150 °C	V-0	Acrylate adhesive	2005070000	RIBBON MM 110/360 SW



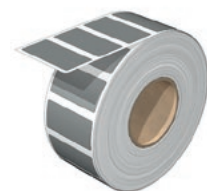
Ordering data

Order No.	Type		Colour	Height	Width	Qty.
1378110000	THM MT30X 63.5/50.8 SI	●	silver	50.8 mm	63.5 mm	500
1751831687	THM MT30X 65/35 GE	●	yellow	35 mm	65 mm	1000
1538740000	THM MT30X 65/35 RT	●	red	35 mm	64 mm	1000
1751830001	THM MT30X 65/35 SI	●	silver	35 mm	65 mm	1000
1751830004	THM MT30X 65/35 SI/G	●	silver	35 mm	65 mm	1000
1751831044	THM MT30X 65/35 WS	○	white	35 mm	65 mm	1000
1378130000	THM MT30X 76.2/50.8 WS	○	white	50.8 mm	76.5 mm	500
1498790000	THM MT30X 76/25 WS	○	white	25 mm	76 mm	1000
1003410000	THM MT30X 89/60 SI	●	silver	60 mm	89 mm	1000
1498780000	THM MT30X 89/60 WS	○	white	60 mm	89 mm	1000
1058770000	THM MT30X 100/90 SI	●	silver	90 mm	100 mm	500
1751821687	THM MT30X 101/48 GE	●	yellow	48 mm	101 mm	500
1751820001	THM MT30X 101/48 SI	●	silver	48 mm	101 mm	500
1751821044	THM MT30X 101/48 WS	○	white	48 mm	101 mm	500
1061810000	THM MT30X 101/74 GE	●	yellow	74 mm	101 mm	500
1466270000	THM MT30X 101/74 RT	●	red	74 mm	101 mm	500
1762960001	THM MT30X 101/74 SI	●	silver	74 mm	101 mm	500
2455620000	THM MT30X 101/74 WS	○	white	74 mm	101 mm	500
1192740000	THM VIN 101/48 GE/G	●	yellow	48 mm	101 mm	500
1778170000	THM MT30X 101/150 SI	●	silver	150 mm	101 mm	250
2712040000	THM MT30X DIA 30 GE	●	yellow			1000

THM VIN - vinyl label

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Vinyl film	-50...90 °C	V-0	Polycrylate adhesive	2005070000	RIBBON MM 110/360 SW



Ordering data

Order No.	Type		Colour	Height	Width	Qty.
1209010000	THM VIN 36/18 SI	●	silver	18 mm	36 mm	2500
1192750000	THM VIN 101/74 GE/G	●	yellow	74 mm	101 mm	500
1192760000	THM VIN 101/150 GE/G	●	yellow	150 mm	101 mm	250

THM GEW - textile label

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Cotton fabric	-29...80 °C	V-0	Natural rubber adhesive	2005070000	RIBBON MM 110/360 SW

Ordering data

Order No.	Type		Colour	Height	Width	Qty.
1059790000	THM GEW 15/6 GE	●	yellow	6 mm	15 mm	10000
1059780000	THM GEW 15/6 WS	○	white	6 mm	15 mm	10000
1365630000	THM GEW 15/9 GE	●	yellow	9 mm	15 mm	10000
1059810000	THM GEW 17/9 GE	●	yellow	9 mm	17 mm	10000
1059800000	THM GEW 17/9 WS	○	white	9 mm	17 mm	10000
1059830000	THM GEW 18/6 GE	●	yellow	6 mm	18 mm	10000
1059820000	THM GEW 18/6 WS	○	white	6 mm	18 mm	10000
1059850000	THM GEW 18/9 GE	●	yellow	9 mm	18 mm	10000
1059840000	THM GEW 18/9 WS	○	white	9 mm	18 mm	10000
1059880000	THM GEW 20/8 GE	●	yellow	8 mm	20 mm	10000
1059870000	THM GEW 20/8 WS	○	white	8 mm	20 mm	10000
2712030000	THM GEW 20/10 GE	●	yellow	10 mm	20 mm	5000
2712020000	THM GEW 20/10 WS	○	white	10 mm	20 mm	5000
1391380000	THM GEW 20/12 GE	●	yellow	12 mm	20 mm	2000
1114450000	THM GEW 30/8 GE	●	yellow	8 mm	30 mm	10000
1335100000	THM GEW 38/19 GE	●	yellow	19 mm	38 mm	2000
1368740000	THM GEW 45/23 GE	●	yellow	23 mm	45 mm	2000

THM EL - Endless polyester

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...150 °C	V-0	Acrylate adhesive	2005070000	RIBBON MM 110/360 SW

Ordering data

Order No.	Type		Colour	Height	Length	Qty.
1517180000	THM EL 30 WS 30M	○	white	30 mm	30000 mm	1
1517240000	THM EL 50 SI 30M	●	silver	50 mm	30000 mm	1
1517220000	THM EL 50 WS 30M	○	white	50 mm	30000 mm	1
1391400000	THM EL 60 SI 50M	●	silver	60 mm	50000 mm	1
1419980000	THM EL 100 GE 30M	●	yellow	100 mm	30000 mm	1
1517270000	THM EL 100 SI 30M	●	silver	100 mm	30000 mm	1
1420010000	THM EL 100 WS 30M	○	white	100 mm	30000 mm	1

THM EL VIN - Endless vinyl

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Vinyl film	-40...80 °C	HB	Polyacrylate adhesive	2005070000	RIBBON MM 110/360 SW

Ordering data

Order No.	Type		Colour	Height	Length	Qty.
1307670000	THM EL VIN 15 WS 2L 30M	○	white	15 mm	30000 mm	1
1096170000	THM EL VIN 15 WS 5L 30M	○	white	15 mm	30000 mm	1
1105550000	THM EL VIN 24 WS 3L 30M	○	white	24 mm	30000 mm	1
1463810000	THM EL VIN 25 GE 30M	●	yellow	25 mm	30000 mm	1
1105560000	THM EL VIN 38 WS 2L 30M	○	white	38 mm	30000 mm	1
1474640000	THM EL VIN 45 WS 30M	○	white	45 mm	30000 mm	1
1463820000	THM EL VIN 50 GE 30M	●	yellow	50 mm	30000 mm	1
1463830000	THM EL VIN 100 GE 30M	●	yellow	100 mm	30000 mm	1
2518700000	THM EL VIN 100 WS 30M	○	white	100 mm	30000 mm	1



Device markers – THM and LM

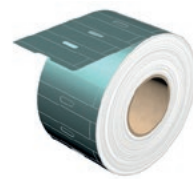
THM ET for Siemens - non-adhesive labels

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polypropylene	-50...100 °C	HB		2005070000	RIBBON MM 110/360 SW

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
1487690000	THM ET 200SP 12.8/31 GE	yellow	31 mm	12.8 mm	2000
1487680000	THM ET 200SP 12.8/31 TU	Turquoise	31 mm	12.8 mm	2000
1161810000	THM ET S7 50/12.5 GE	yellow	50 mm	12.5 mm	2000
1161790000	THM ET S7 50/12.5 TU	Turquoise	50 mm	12.5 mm	2000
1095590000	THM ET S7 50/25 GE	yellow	50 mm	25 mm	1250
1161780000	THM ET S7 50/25 TU	Turquoise	50 mm	25 mm	1250
1161770000	THM ET S7 300-1 GE	yellow	103 mm	22.6 mm	500
1161750000	THM ET S7 300-1 TU	Turquoise	103 mm	22.6 mm	500
1161740000	THM ET S7 300-2 GE	yellow	103.8 mm	17.3 mm	1000
1161730000	THM ET S7 300-2 TU	Turquoise	103.8 mm	17.3 mm	1000
1161710000	THM ET S7 400 TU	Turquoise	251 mm	13.5 mm	500
1991670000	THM ET S7 1500 GE	yellow	108.8 mm	22.9 mm	500
1991680000	THM ET S7 1500 TU	Turquoise	108.8 mm	22.9 mm	500
2093070000	THM ET S7 1500-13 GE	yellow	108.8 mm	13 mm	500
2093010000	THM ET S7 1500-13 TU	Turquoise	108.8 mm	13 mm	500



THM PV - vinyl label

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Vinyl film	-50...110 °C	V-0	Polyacrylate adhesive	2005070000	RIBBON MM 110/360 SW

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
2817450000	THM PV 89/60 B/DR RT	red	60 mm	89 mm	450



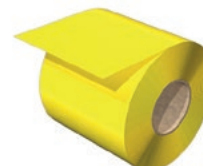
THM PV EL - vinyl label

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Vinyl film	-50...110 °C	V-0	Polyacrylate adhesive	2005070000	RIBBON MM 110/360 SW

Ordering data

Order No.	Type	Colour	Height	Length	Qty.
2817440000	THM PV EL 90 GE 30M	yellow	90 mm	30000 mm	1
2817430000	THM PV EL 90 RT 30M	red	90 mm	30000 mm	1



TABPACK PV - vinyl label

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive
Vinyl film	-50...110 °C	V-0	Polyacrylate adhesive

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
2817470000	TABPACK PV 90/100 WBC	coloured	100 mm	90 mm	20
2817460000	TABPACK PV 90/100 WFF	coloured	100 mm	90 mm	20



THM SE-M - Safety labels

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Vinyl film	-50...110 °C	V-0	Acrylate adhesive	2005040000	RIBBON MM 84/300 WS
				2918800000	RIBBON MM 110/300 WS

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
2885660000	THM SE-M 25 BL	● blue	25 mm	25 mm	250
2885670000	THM SE-M 50 BL	● blue	50 mm	50 mm	250
2885680000	THM SE-M 100 BL	● blue	100 mm	100 mm	250

THM SE-P - Safety labels

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Vinyl film	-50...110 °C	V-0	Acrylate adhesive	2005080000	RIBBON MM 76/360 SW
				2005070000	RIBBON MM 110/360 SW

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
2885690000	THM SE-P 25 RT/WS	red-white	25 mm	25 mm	250
2885700000	THM SE-P 50 RT/WS	red-white	50 mm	50 mm	250
2885710000	THM SE-P 100 RT/WS	red-white	100 mm	100 mm	250

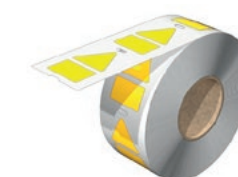
THM SE-W - Safety labels

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Vinyl film	-50...110 °C	V-0	Polyacrylate adhesive	2005080000	RIBBON MM 76/360 SW
				2005070000	RIBBON MM 110/360 SW

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
2885630000	THM SE-W 25 GE	● yellow	25 mm	25 mm	250
2885640000	THM SE-W 50 GE	● yellow	50 mm	50 mm	250
2885650000	THM SE-W 100 GE	● yellow	100 mm	100 mm	250



Device markers – THM and LM

LM MT 300

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive
Polyester, PVC-free	-40 °C...150 °C	HB	Acrylate adhesive

Ordering data

Order No.	Type		Colour	Height	Width	Qty.
1882910000	LM MT300 12/6 GE	●	yellow	6 mm	12 mm	3220
1724141044	LM MT300 15/4.6 WS	○	white	4.63 mm	15 mm	6270
1724141687	LM MT300 15/4.6 GE	●	yellow	4.63 mm	15 mm	6270
1724140001	LM MT300 15/4.6 SI	●	silver	4.63 mm	15 mm	6270
1886361044	LM MT300 15/6 WS	○	white	6 mm	15.2 mm	4840
1686361687	LM MT300 15/6 GE	●	yellow	6 mm	15.2 mm	4840
1686360001	LM MT300 15/6 SI	●	silver	6 mm	15.2 mm	4840
1882890000	LM MT300 15/9 GE	●	yellow	9 mm	15 mm	1860
1835820000	LM MT300 17/6 GE	●	yellow	6 mm	17 mm	4400
1724151044	LM MT300 17/9 WS	○	white	9 mm	17.8 mm	3410
1724151687	LM MT300 17/9 GE	●	yellow	9 mm	17.8 mm	3410
1724150001	LM MT300 17/9 SI	●	silver	9 mm	17.8 mm	3410
1749321044	LM MT300 18/6.5 WS	○	white	6.5 mm	18 mm	3200
1749321687	LM MT300 18/6.5 GE	●	yellow	6.5 mm	18 mm	3200
1749320001	LM MT300 18/6.5 SI	●	silver	6.5 mm	18 mm	3200
1835830000	LM MT300 19/6.3 GE	●	yellow	6.3 mm	19.05 mm	2560
1686381044	LM MT300 20/8 WS	○	white	8 mm	20.3 mm	2640
1686381687	LM MT300 20/8 GE	●	yellow	8 mm	20.3 mm	2640
1686380001	LM MT300 20/8 SI	●	silver	8 mm	20.3 mm	2640
1686391044	LM MT300 25.4/12.7 WS	○	white	12.7 mm	25.4 mm	1470
1686391687	LM MT300 25.4/12.7 GE	●	yellow	12.7 mm	25.4 mm	1470
1686390001	LM MT300 25.4/12.7 SI	●	silver	12.7 mm	25.4 mm	1470
1686401044	LM MT300 26/10 WS	○	white	10 mm	26 mm	1560
1686401687	LM MT300 26/10 GE	●	yellow	10 mm	26 mm	1560
1686400001	LM MT300 26/10 SI	●	silver	10 mm	26 mm	1560
1861510000	LM MT300 27/8 GE	●	yellow	8 mm	27 mm	1980
1873810000	LM MT300 27/18 SI	●	silver	18 mm	27 mm	900
1724161044	LM MT300 30/20 WS	○	white	20 mm	30 mm	780
1724160001	LM MT300 30/20 SI	●	silver	20 mm	30 mm	780
1724161687	LM MT300 30/20 GE	●	yellow	20 mm	30 mm	780
1760461044	LM MT300 40/6 WS	○	white	6 mm	40 mm	1760
1686421044	LM MT300 56/22 WS	○	white	22 mm	56 mm	360
1686420001	LM MT300 56/22 SI	●	silver	22 mm	56 mm	360
1686421687	LM MT300 56/22 GE	●	yellow	22 mm	56 mm	360
1686431044	LM MT300 60/36 WS	○	white	36 mm	60 mm	210
1686431687	LM MT300 60/36 GE	●	yellow	36 mm	60 mm	210
1686430001	LM MT300 60/36 SI	●	silver	36 mm	60 mm	210
1003400000	LM MT300 89/34 WS	○	white	34 mm	89 mm	160
1975160000	LM MT300 105/105 SI	●	silver	105 mm	105 mm	40
1724171044	LM MT300 105/148 WS	○	white	148 mm	105 mm	40
1724170001	LM MT300 105/148 SI	●	silver	148 mm	105 mm	40
1915320000	LM MT300 202/12 GE	●	yellow	12 mm	202 mm	220
1724181687	LM MT300 210/148 GE	●	yellow	148 mm	210 mm	20
1724180001	LM MT300 210/148 SI	●	silver	148 mm	210 mm	20
1686441044	LM MT300 210/297 WS	○	white	297 mm	210 mm	10
1686441687	LM MT300 210/297 GE	●	yellow	297 mm	210 mm	10
1686440001	LM MT300 210/297 SI	●	silver	297 mm	210 mm	10



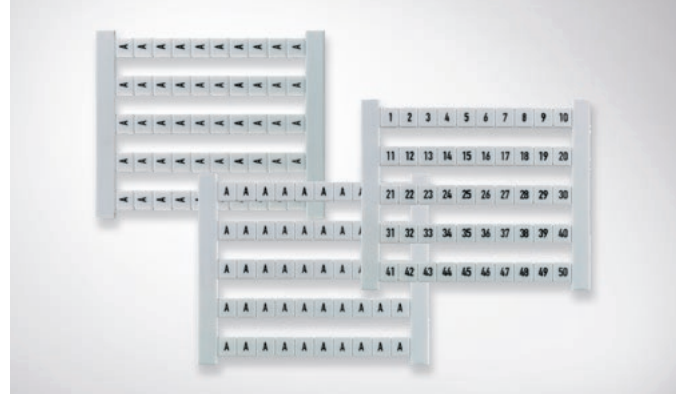
Standard printed markers

Standard printed markers	DEK card – Dekafix standard printing	E.2
	CableLine® – Introduction	E.4
	CableLine® – CLI C – closed wire markers	E.6
	CableLine® – CLI O – open wire markers	E.36
	CableLine® – CLI M – cable markers and holders	E.42
	CableLine® – accessories	E.49
	WSM – stainless steel markers	E.52
	Labels – standard print	E.56
	KSW – PCB plug-in connector labels	E.58

DEK card – Dekafix standard printing

The Dekafix marker is the universal marker for terminals and plug-in connectors, as well as electronic modules from the Weidmüller product range. Dekafix provides you with a wide range of standard printing options. The system is particularly suitable for short sequences of numbers and is also available for customer-specific printing.

- In strips for fast installation
- Large selection of ready-to-use printed markers
- Excellent printing quality with the MC Laser
- Available in 4 widths



In the form of a card, the Dekafix (DEK) marker is the universal marker for the Weidmüller SAK, W, P and Z series. The markers lie flush in the marker channel which guarantees optimum and secure positioning.



Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C
Printing	Black

Ordering data

Qty	500 pcs	10 cards
Pitch	DEK 5 = 5 mm : DEK 6 = 6 mm : DEK 6.5 = 6.5 mm : DEK 8 = 8 mm	
Printing variations	FW = consecutive horizontal	e.g. DEK 5 FW 1-50
	FS = consecutive vertical	e.g. DEK 5 FS 51-100
	FWZ = consecutive horizontal line	e.g. DEK 5 FWZ 1-10
	FSZ = consecutive vertical line	e.g. DEK 5 FSZ 21-30
	GW = identical horizontal	e.g. DEK 5 GW A
	GS = identical vertical	e.g. DEK 5 GS B

Specify colour and characters for special printing

- The DEK marker is suitable for all wire and plug-in connectors, plus electronic assemblies from Weidmüller
- The system is particularly suitable for short number strings and is also available with custom printing
- Wide selection of ready-to-use, printed markers
- In strips for fast installation

DEK variant

Type	Order No.
DEK 5 FS 1-50	0473560001
DEK 5 FS 51-100	0473560051
DEK 5 FS 101-150	0473560101
DEK 5 FS 151-200	0473560151
DEK 5 FS 201-250	0473560201
DEK 5 FSZ 1-10	0460660001
DEK 5 FSZ 11-20	0460660011
DEK 5 FSZ 21-30	0460660021
DEK 5 FSZ 31-40	0460660031
DEK 5 FSZ 41-50	0460660041
DEK 5 FSZ 51-60	0460660051
DEK 5 FSZ 61-70	0460660061
DEK 5 FSZ 71-80	0460660071
DEK 5 FSZ 81-90	0460660081
DEK 5 FSZ 91-100	0460660091
DEK 5 FW 1-50	0473460001
DEK 5 FW 51-100	0473460051
DEK 5 FW 101-150	0473460101
DEK 5 FW 151-200	0473460151
DEK 5 FW 201-250	0473460201
DEK 5 FW 251-300	0473460251
DEK 5 FW 301-350	0473460301
DEK 5 FW 351-400	0473460351
DEK 5 FW 401-450	0473460401
DEK 5 FW 451-500	0473460451
DEK 5 FW 501-550	0473460501
DEK 5 FW 551-600	0473460551
DEK 5 FW 601-650	0473460601
DEK 5 FW 651-700	0473460651
DEK 5 FW 701-750	0473460701
DEK 5 FW 751-800	0473460751
DEK 5 FW 801-850	0473460801
DEK 5 FW 851-900	0473460851
DEK 5 FW 901-950	0473460901
DEK 5 FW 1,3,5,...99	1358460000
DEK 5 FW 2,4,...100	1358560000
DEK 5 FWZ 1-10	0523060001
DEK 5 FWZ 11-20	0523060011
DEK 5 FWZ 21-30	0523060021
DEK 5 FWZ 31-40	0523060031
DEK 5 FWZ 41-50	0523060041
DEK 5 FWZ 51-60	0523060051
DEK 5 FWZ 61-70	0523060061
DEK 5 FWZ 71-80	0523060071
DEK 5 FWZ 81-90	0523060081
DEK 5 FWZ 91-100	0523060091
DEK 5 FWZ 1,3,5-19	0235860000
DEK 5 FWZ 2,4,6-20	0236160000
DEK 5 FWZ 21,23,25-39	0235960000
DEK 5 FWZ 22,24,26-40	0236260000
DEK 5 FWZ 41,43,45-59	0236060000
DEK 5 FWZ 42,44,46-60	0236360000
DEK 5 FWZ L1-EIK	0354361203
DEK 5 FWZ L1-PE	0354361187
DEK 5 FWZ U,V,W,N,PE	0558360000
DEK 5 GW +	0576261198
DEK 5 GW -	0576261199
DEK 5 GW 1	0522660001
DEK 5 GW 2	0522660002
DEK 5 GW 3	0522660003
DEK 5 GW 4	0522660004
DEK 5 GW 5	0522660005
DEK 5 GW 6	0522660006
DEK 5 GW 7	0522660007
DEK 5 GW 8	0522660008
DEK 5 GW 9	0522660009
DEK 5 GW 10	0522660010
DEK 5 GW 11	0522660011
DEK 5 GW 12	0522660012
DEK 5 GW 13	0522660013
DEK 5 GW 14	0522660014
DEK 5 GW 15	0522660015

Type	Order No.
DEK 5 GW 16	0522660016
DEK 5 GW 17	0522660017
DEK 5 GW 18	0522660018
DEK 5 GW 19	0522660019
DEK 5 GW 20	0522660020
DEK 5 GW 21	0522660021
DEK 5 GW A	0522761021
DEK 5 GW B	0522761022
DEK 5 GW ERDE	0576261202
DEK 5 GW ERDE I.KR.	0576261203
DEK 5 GW F	0522761026
DEK 5 GW L	0522761032
DEK 5 GW L1	0522361075
DEK 5 GW L2	0522361076
DEK 5 GW L3	0522361077
DEK 5 GW N	0522761034
DEK 5 GW O	0522761035
DEK 5 GW PE	0537261187
DEK 5 GW R	0522761038
DEK 5 GW S	0522761039
DEK 5 GW T	0522761040
DEK 5 GW U	0522761041
DEK 5 GW V	0522761042
DEK 5 GW W	0522761043
DEK 5 GW X	0522761044
DEK 5/3,5 MC FSZ 1-10	1762320001
DEK 5/3,5 MC FSZ 11-20	1762320011
DEK 5/3,5 MC FSZ 21-30	1762320021
DEK 5/3,5 MC FSZ 31-40	1762320031
DEK 5/3,5 MC FSZ 41-50	1762320041
DEK 5/3,5 MC FSZ 51-60	1762320051
DEK 5/3,5 MC FSZ 61-70	1762320061
DEK 5/3,5 MC FSZ 71-80	1762320071
DEK 5/3,5 MC FSZ 81-90	1762320081
DEK 5/3,5 MC FSZ 91-100	1762320091
DEK 5/3,5 MC FSZ 101-110	1762320101
DEK 5/3,5 MC FSZ 111-120	1762320111
DEK 5/3,5 MC FSZ 121-130	1762320121
DEK 6 FS 1-50	0468760001
DEK 6 FS 51-100	0468760051
DEK 6 FS 101-150	0468760101
DEK 6 FSZ 1-10	0133360001
DEK 6 FSZ 11-20	0133360011
DEK 6 FSZ 21-30	0133360021
DEK 6 FSZ 31-40	0133360031
DEK 6 FSZ 41-50	0133360041
DEK 6 FW 1-50	0468660001
DEK 6 FW 51-100	0468660051
DEK 6 FW 101-150	0468660101
DEK 6 FW 151-200	0468660151
DEK 6 FW 201-250	0468660201
DEK 6 FW 251-300	0468660251
DEK 6 FW 301-350	0468660301
DEK 6 FW 351-400	0468660351
DEK 6 FW 451-500	0468660451
DEK 6 FW 501-550	0468660501
DEK 6 FW 551-600	0468660551
DEK 6 FW 601-650	0468660601
DEK 6 FW 651-700	0468660651
DEK 6 FW 701-750	0468660701
DEK 6 FW 751-800	0468660751
DEK 6 FW 801-850	0468660801
DEK 6 FW 851-900	0468660851
DEK 6 FW 901-950	0468660901
DEK 6 FW 951-999	0468660951
DEK 6 FW 1,3,5,...99	1358760000
DEK 6 FW 2,4,...100	1358760000
DEK 6 FW L,N,PE	0632560000
DEK 6 FWZ 1-10	0518960001
DEK 6 FWZ 11-20	0518960011

Type	Order No.
DEK 6 FWZ 21-30	0518960021
DEK 6 FWZ 31-40	0518960031
DEK 6 FWZ 41-50	0518960041
DEK 6 FWZ 51-60	0518960051
DEK 6 FWZ 61-70	0518960061
DEK 6 FWZ 71-80	0518960071
DEK 6 FWZ 81-90	0518960081
DEK 6 FWZ 91-100	0518960091
DEK 6 FWZ 101-110	0518960101
DEK 6 FWZ L1-ERDE I.KRE	0631961203
DEK 6 FWZ L1-PE	0631961187
DEK 6 GW +	1318061198
DEK 6 GW -	1318061199
DEK 6 GW 1	0526960001
DEK 6 GW 2	0526960002
DEK 6 GW 3	0526960003
DEK 6 GW 4	0526960004
DEK 6 GW 5	0526960005
DEK 6 GW 6	0526960006
DEK 6 GW 8	0526960008
DEK 6 GW 10	0526960010
DEK 6 GW ERDE	1318061202
DEK 6 GW PE	1318061187
DEK 6,5 FS 1-50	0468260001
DEK 6,5 FS 51-100	0468260051
DEK 6,5 FS 101-150	0468260101
DEK 6,5 FSZ 1-10	0407360001
DEK 6,5 FSZ 11-20	0407360011
DEK 6,5 FW 1-50	0468160001
DEK 6,5 FW 51-100	0468160051
DEK 6,5 FW 101-150	0468160101
DEK 6,5 FW L1-ERDE I.KR	0632161203
DEK 6,5 FWZ 1-10	0519060001
DEK 6,5 FWZ 11-20	0519060011
DEK 6,5 FWZ 21-30	0519060021

CableLine®

The programme of products for all wire markings

Individual laser markers as a combined system

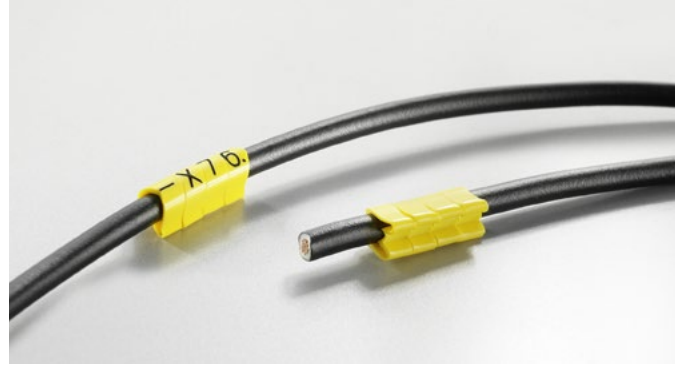
Our well matched selection of CableLine products provides you with everything you need for all your professional marking requirements. The combination of systems are defined by the application and contain the following: open and closed cross-section markers from 0.5 to 70 mm², individual markers, transparent sleeves and markers for cable tie assembly. They are available in plastic or stainless steel, with the appropriate accessories and with the labelling options; these products optimally fulfil a wide range of requirements. The laser system used by Weidmüller produces abrasive-resistant print with brilliant quality.

CableLine® – the benefits to you

- No print system necessary
- Simple retrospect changes on site possible

The CableLine® programme comprises

- Wire markers
- Cable markers
- Standard or customer special print
- Accessories and tools
- Available in PVC or stainless steel versions



Closed marking from type CLI C with permanent fit. Mounted by sliding onto the wire end.



Open marker from type CLI O also allows mounting onto already connected wires.



Markers from type CLI M are pushed onto holding strips of type CLI MH and finally mounted with cable ties.

CableLine® packaging types



Technical data

	Type	max. characters per marker SDR	Marker length mm	CD	MultiPack	Box	Looped strip
	CLI C 02-3	1	3	500	1000 (5 x 200)	-	-
	CLI C 02-6	2	6	250	1000 (5 x 200)	-	-
	CLI C 02-9	3	9	125	500 (5 x 100)	-	-
	CLI C 02-12	4	12	-	-	-	-
	CLI C 02-15	5	15	-	-	-	-
	CLI C 02-18	8	18	-	-	-	-
	CLI C 02-21	10	21	-	-	-	-
	CLI C 1-3	1	3	500	1000 (5 x 200)	-	-
	CLI C 1-6	2	6	250	500 (5 x 100)	-	-
	CLI C 1-9	3	9	125	500 (5 x 100)	-	-
	CLI C 1-12	4	12	-	-	-	-
	CLI C 1-15	5	15	-	-	-	-
	CLI C 1-18	8	18	-	-	-	-
	CLI C 1-21	10	21	-	-	-	-
	CLI C 1-24	12	24	-	-	-	-
	CLI C 1-33	17	33	-	-	-	-
	CLI C 2-4	1	4	250	500 (5 x 100)	-	-
	CLI C 2-6	2	6	125	500 (5 x 100)	-	-
	CLI C 2-9	3	9	125	500 (5 x 100)	-	-
	CLI C 2-12	4	12	-	-	-	-
	CLI C 2-15	6	15	-	-	-	-
	CLI C 2-18	8	18	-	-	-	-
	CLI C 2-21	10	21	-	-	-	-
	CLI C 3-6	2	6	-	100 (5 x 20)	-	-
	CLI C 3-9	3	9	-	100 (5 x 20)	-	-
	CLI C 3-12	4	12	-	-	-	-
	CLI C 3-15	5	15	-	-	-	-
	CLI C 3-18	8	18	-	-	-	-
	CLI C 3-21	10	21	-	-	-	-
	CLI O 10-3	1	3	-	1000 (5 x 200)	-	-
	CLI O 20-3	1	3	-	1000 (5 x 200)	-	-
	CLI O 30-3	1	3	-	1000 (5 x 200)	-	-
	CLI M 2-4	1	4	500	500 (5 x 100)	-	-
	CLI M 2-6	2	6	250	500 (5 x 100)	-	1000
	CLI M 2-9	3	9	125	-	-	1000
	CLI M 2-12	4	12	-	-	-	1000
	CLI M 2-21	10	21	-	-	-	1000
	CLI M 2-250	12	25	-	-	-	1000
	CLI M 2-400	21	40	-	-	-	1000
	CLI MH-70		70	-	-	100	-
	CLI MH-110		110	-	-	100	-

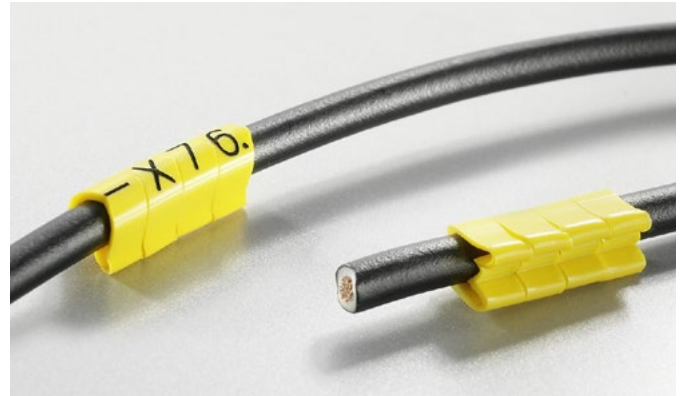
CLI C – Closed wire markers

CLI C wire markers are fitted to unconnected cables. Four different sizes are available to mark wire cross-sections from 0.5 mm² to maximum 70 mm².

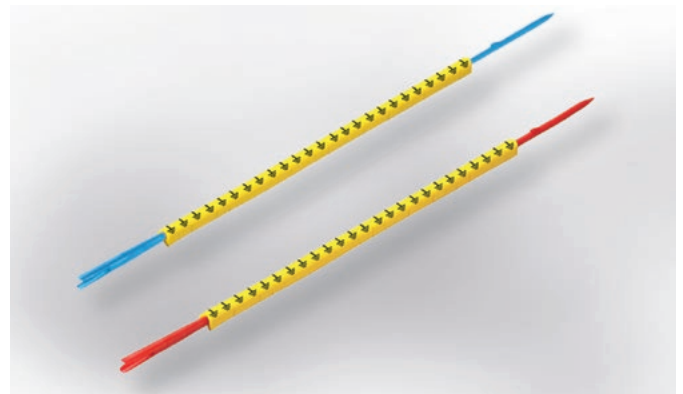
The markers are already printed and ready for use. Individual markings can be created by simply combining the individual markers.

Advantages:

- Closed markers, secure and adjustable for unconnected cables
- Special resilient bellow profile ensures a wide application range
- Fast and easy to fit – in next to no time
- Compatible accessories take the strain off marking tasks
- Permanent high-quality markings
- Best contrast for optimum legibility



Closed marking from type CLI C with permanent fit. Mounted by sliding onto the wire end.



CLI R are pre-assembled mounting mandrels with CLI C markers.

CLI C

Version	Closed markers made from soft PVC. Resilient bellow construction enables fast and easy attachment. Standard, special and international colour-code compliant prints available.
Material	Soft PVC, cadmium- and silicone-free
Temperature range	-30 °C ... 80 °C
Flammability classification	Corresponds to V0 to UL 94
Resistance	Highly resistant to oils and petrol as well as gamma and UV radiation
Printing	Laser marking

Wire cross-section

CLI C02	0.5 mm ² – 1.5 mm ²
CLI C 1	1.5 mm ² – 4 mm ²
CLI C 2	2.5 mm ² – 16 mm ²
CLI C 3	16 mm ² – 70 mm ²

CLI C 02 Blank (CD)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568241058	CLI C 02-3 GE NE CD	yellow	3.5 / 3.4 mm	Blank	500



CLI C 02 Blank (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0213811687	CLI C 02-3 GE NE MP	yellow	3.5 / 3.5 mm	Blank	200



CLI C 02 Blank (on loop)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	Loop

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1873741687	CLI C 02-18 GE NE SG	yellow	3.5 / 3.4 mm	Neutral	1000



CLI C 1 Blank (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0171111687	CLI C 1-3 GE NE MP	yellow	5 / 4.2 mm	Blank	200



CableLine® – CLI C – closed wire markers

CLI C 1 Blank (CD)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568251693	CLI C 1-3 BL NE CD	blue	5 / 4.2 mm	Blank	500
1568251699	CLI C 1-3 GE NE CD	yellow	5 / 4.2 mm	Blank	500
1568251688	CLI C 1-3 GN NE CD	green	5 / 4.2 mm	Blank	500
1568251691	CLI C 1-3 GR NE CD	grey	5 / 4.2 mm	Blank	500
1568251686	CLI C 1-3 RT NE CD	red	5 / 4.2 mm	Blank	500
1568251694	CLI C 1-3 SW NE CD	black	5 / 4.2 mm	Blank	500
1568251044	CLI C 1-3 WS NE CD	white	5 / 4.2 mm	Blank	500
1868811687	CLI C 1-6 GE NE CD	yellow	5 / 4.2 mm	Blank	250



CLI C1 Blank (on loop)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	Loop

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1871801687	CLI C 1-18 GE NE SG	yellow	5 / 4.2 mm	Neutral	1000



CLI C 2 Blank (CD)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...60 °C	4 - 10 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0171301687	CLI C 2-4 GE NE CD	yellow	8 / 6.9 mm	Blank	250
1871971687	CLI C 2-9 GE NE CD	yellow	8 / 6.9 mm	Blank	125



CLI C 2 Blank (on loop)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...60 °C	4 - 10 mm	Loop

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1871831687	CLI C 2-18 GE NE SG	yellow	8 / 6.9 mm	Neutral	1000



CLI C 02 Custom Printing (CD)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...60 °C	1.3 - 3 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568249999	CLI C 02-3 SDR CD	CSP	3.5 / 3.4 mm	Custom printing	500
1869999999	CLI C 02-6 SDR CD	CSP	3.5 / 3.4 mm	Custom printing	250
1899290000	CLI C 02-9 SDR CD	CSP	3.5 / 3.4 mm	Custom printing	125



CLI C 02 Custom printing (on loop)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...60 °C	1.3 - 3 mm	Loop

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1912550000	CLI C 02-3 SDR SG	CSP	3.5 / 3.4 mm	Custom printing	100
1873330000	CLI C 02-12 SDR SG	CSP	3.5 / 3.4 mm	Custom printing	100
0252509999	CLI C 02-15 SDR SG	CSP	3.5 / 3.4 mm	Custom printing	100



CLI C 1 Custom Printing (CD)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...60 °C	2.5 - 5 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568259999	CLI C 1-3 SDR CD	CSP	5 / 4.2 mm	Custom printing	500
0252709999	CLI C 1-6 SDR CD	CSP	5 / 4.2 mm	Custom printing	250
0252809999	CLI C 1-9 SDR CD	CSP	5 / 4.2 mm	Custom printing	125



CableLine® – CLI C – closed wire markers

CLI C 1 Custom printing (on loop)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...60 °C	2.5 - 5 mm	Loop

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1912650000	CLI C 1-3 SDR SG	CSP	5 / 4.2 mm	Custom printing	100
1912700000	CLI C 1-6 SDR SG	CSP	5 / 4.2 mm	Custom printing	100
1868819999	CLI C 1-9 SDR SG	CSP	5 / 4.2 mm	Custom printing	100
1873350000	CLI C 1-12 SDR SG	CSP	5 / 4.2 mm	Custom printing	100
1873360000	CLI C 1-15 SDR SG	CSP	5 / 4.2 mm	Custom printing	50
1871809999	CLI C 1-18 SDR SG	CSP	5 / 4.2 mm	Custom printing	100



CLI C 2 Custom Printing (CD)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...60 °C	4 - 10 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568269999	CLI C 2-4 SDR CD	CSP	8 / 6.9 mm	Custom printing	250
1871909999	CLI C 2-6 SDR CD	CSP	8 / 6.9 mm	Custom printing	125
1899240000	CLI C 2-9 SDR CD	CSP	8 / 6.9 mm	Custom printing	100



CLI C 2 Custom printing (on loop)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...60 °C	4 - 10 mm	Loop

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1871979999	CLI C 2-9 SDR SG	CSP	8 / 6.9 mm	Custom printing	100
1873380000	CLI C 2-12 SDR SG	CSP	8 / 6.9 mm	Custom printing	100
1873390000	CLI C 2-15 SDR SG	CSP	8 / 6.9 mm	Custom printing	100
1871839999	CLI C 2-18 SDR SG	CSP	8 / 6.9 mm	Custom printing	100
1873400000	CLI C 2-21 SDR SG	CSP	8 / 6.9 mm	Custom printing	100
1912710000	CLI C 2-24 SDR SG	CSP	8 / 6.9 mm	Custom printing	100
1912720000	CLI C 2-27 SDR SG	CSP	8 / 6.9 mm	Custom printing	100
1912730000	CLI C 2-30 SDR SG	CSP	8 / 6.9 mm	Custom printing	100
1912740000	CLI C 2-33 SDR SG	CSP	8 / 6.9 mm	Custom printing	100
1912750000	CLI C 2-36 SDR SG	CSP	8 / 6.9 mm	Custom printing	100
1912760000	CLI C 2-39 SDR SG	CSP	8 / 6.9 mm	Custom printing	100



CLI C 3 Custom Printing (on loop)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...60 °C	8 - 16 mm	Loop

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1872309999	CLI C 3-6 SDR SG	CSP	17 / 11 mm	Custom printing	100
1872659999	CLI C 3-9 SDR SG	CSP	17 / 11 mm	Custom printing	100
1873420000	CLI C 3-12 SDR SG	CSP	17 / 11 mm	Custom printing	100



CLI C 02-3 International colour code (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0252111503	CLI C 02-3 SW/WS 0 MP	● black	3.5 / 3.4 mm	0	200
0252111506	CLI C 02-3 BR/WS 1 MP	● brown	3.5 / 3.4 mm	1	200
0252111509	CLI C 02-3 RT/WS 2 MP	● red	3.5 / 3.4 mm	2	200
0252111512	CLI C 02-3 OR/SW 3 MP	● orange	3.5 / 3.4 mm	3	200
0252111514	CLI C 02-3 GE/SW 4 MP	● yellow	3.5 / 3.4 mm	4	200
0252111518	CLI C 02-3 GN/WS 5 MP	● green	3.5 / 3.4 mm	5	200
0252111521	CLI C 02-3 BL/WS 6 MP	● blue	3.5 / 3.4 mm	6	200
0252111524	CLI C 02-3 VI/WS 7 MP	● violet	3.5 / 3.4 mm	7	200
0252111527	CLI C 02-3 GR/SW 8 MP	● grey	3.5 / 3.4 mm	8	200
0252111530	CLI C 02-3 WS/SW 9 MP	○ white	3.5 / 3.4 mm	9	200



CableLine® – CLI C – closed wire markers

CLI C 02-3 Alphabetic (MulitPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0252111637	CLI C 02-3 GE/SW A MP	yellow	3.5 / 3.4 mm	A	200
0252111639	CLI C 02-3 GE/SW B MP	yellow	3.5 / 3.4 mm	B	200
0252111641	CLI C 02-3 GE/SW C MP	yellow	3.5 / 3.4 mm	C	200
0252111643	CLI C 02-3 GE/SW D MP	yellow	3.5 / 3.4 mm	D	200
0252111645	CLI C 02-3 GE/SW E MP	yellow	3.5 / 3.4 mm	E	200
0252111647	CLI C 02-3 GE/SW F MP	yellow	3.5 / 3.4 mm	F	200
0252111649	CLI C 02-3 GE/SW G MP	yellow	3.5 / 3.4 mm	G	200
0252111651	CLI C 02-3 GE/SW H MP	yellow	3.5 / 3.4 mm	H	200
0252111653	CLI C 02-3 GE/SW I MP	yellow	3.5 / 3.4 mm	I	200
0252111655	CLI C 02-3 GE/SW J MP	yellow	3.5 / 3.4 mm	J	200
0252111657	CLI C 02-3 GE/SW K MP	yellow	3.5 / 3.4 mm	K	200
0252111659	CLI C 02-3 GE/SW L MP	yellow	3.5 / 3.4 mm	L	200
0252111661	CLI C 02-3 GE/SW M MP	yellow	3.5 / 3.4 mm	M	200
0252111663	CLI C 02-3 GE/SW N MP	yellow	3.5 / 3.4 mm	N	200
0252111665	CLI C 02-3 GE/SW O MP	yellow	3.5 / 3.4 mm	O	200
0252111667	CLI C 02-3 GE/SW P MP	yellow	3.5 / 3.4 mm	P	200
0252111669	CLI C 02-3 GE/SW Q MP	yellow	3.5 / 3.4 mm	Q	200
0252111671	CLI C 02-3 GE/SW R MP	yellow	3.5 / 3.4 mm	R	200
0252111673	CLI C 02-3 GE/SW S MP	yellow	3.5 / 3.4 mm	S	200
0252111676	CLI C 02-3 GE/SW T MP	yellow	3.5 / 3.4 mm	T	200
0252111679	CLI C 02-3 GE/SW U MP	yellow	3.5 / 3.4 mm	U	200
0252111681	CLI C 02-3 GE/SW V MP	yellow	3.5 / 3.4 mm	V	200
0252111683	CLI C 02-3 GE/SW W MP	yellow	3.5 / 3.4 mm	W	200
0252111687	CLI C 02-3 GE/SW X MP	yellow	3.5 / 3.4 mm	X	200
0252111696	CLI C 02-3 GE/SW Y MP	yellow	3.5 / 3.4 mm	Y	200
0252111698	CLI C 02-3 GE/SW Z MP	yellow	3.5 / 3.4 mm	Z	200



CLI C 02-3 Special characters (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0252111742	CLI C 02-3 GE/SW / MP	yellow	3.5 / 3.4 mm	/	200
0252111738	CLI C 02-3 GE/SW + MP	yellow	3.5 / 3.4 mm	+	200
0252111740	CLI C 02-3 GE/SW - MP	yellow	3.5 / 3.4 mm	-	200
0252111748	CLI C 02-3 GE/SW . MP	yellow	3.5 / 3.4 mm	.	200
0252111750	CLI C 02-3 GE/SW : MP	yellow	3.5 / 3.4 mm	:	200
0252111751	CLI C 02-3 GE/SW = MP	yellow	3.5 / 3.4 mm	=	200
0252111752	CLI C 02-3 GE/SW AC MP	yellow	3.5 / 3.4 mm	AC	200
0252111746	CLI C 02-3 GE/SW ET MP	yellow	3.5 / 3.4 mm	±	200
0252111697	CLI C 02-3 GE/SW Å MP	yellow	3.5 / 3.4 mm	Å	200
0252111699	CLI C 02-3 GE/SW Ä MP	yellow	3.5 / 3.4 mm	Ä	200
1568241736	CLI C 02-3 GE/SW Ø CD	yellow	3.5 / 3.4 mm	Ø	500
0252111741	CLI C 02-3 BL/WS - MP	blue	3.5 / 3.4 mm	-	200
0252111737	CLI C 02-3 RT/WS + MP	red	3.5 / 3.4 mm	+	200



CLI C 02-3 International colour code (CD)**Technical data**

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568241503	CLI C 02-3 SW/WS 0 CD	black	3.5 / 3.4 mm	0	500
1568241506	CLI C 02-3 BR/WS 1 CD	brown	3.5 / 3.4 mm	1	500
1568241509	CLI C 02-3 RT/WS 2 CD	red	3.5 / 3.4 mm	2	500
1568241512	CLI C 02-3 OR/SW 3 CD	orange	3.5 / 3.4 mm	3	500
1568241514	CLI C 02-3 GE/SW 4 CD	yellow	3.5 / 3.4 mm	4	500
1568241518	CLI C 02-3 GN/WS 5 CD	green	3.5 / 3.4 mm	5	500
1568241521	CLI C 02-3 BL/WS 6 CD	blue	3.5 / 3.4 mm	6	500
1568241524	CLI C 02-3 VI/WS 7 CD	violet	3.5 / 3.4 mm	7	500
1568241527	CLI C 02-3 GR/SW 8 CD	grey	3.5 / 3.4 mm	8	500
1568241530	CLI C 02-3 WS/SW 9 CD	white	3.5 / 3.4 mm	9	500

**CLI C 02-3 Numeric sequence (CD)****Technical data**

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568241502	CLI C 02-3 GE/SW 0 CD	yellow	3.5 / 3.4 mm	0	500
1869821502	CLI C 02-3 WS/SW 0 CD	white	3.5 / 3.4 mm	0	500
1568241505	CLI C 02-3 GE/SW 1 CD	yellow	3.5 / 3.4 mm	1	500
1869821505	CLI C 02-3 WS/SW 1 CD	white	3.5 / 3.4 mm	1	500
1568241508	CLI C 02-3 GE/SW 2 CD	yellow	3.5 / 3.4 mm	2	500
1869821508	CLI C 02-3 WS/SW 2 CD	white	3.5 / 3.4 mm	2	500
1568241511	CLI C 02-3 GE/SW 3 CD	yellow	3.5 / 3.4 mm	3	500
1869821511	CLI C 02-3 WS/SW 3 CD	white	3.5 / 3.4 mm	3	500
1568241514	CLI C 02-3 GE/SW 4 CD	yellow	3.5 / 3.4 mm	4	500
1869821514	CLI C 02-3 WS/SW 4 CD	white	3.5 / 3.4 mm	4	500
1568241517	CLI C 02-3 GE/SW 5 CD	yellow	3.5 / 3.4 mm	5	500
1869821517	CLI C 02-3 WS/SW 5 CD	white	3.5 / 3.4 mm	5	500
1568241520	CLI C 02-3 GE/SW 6 CD	yellow	3.5 / 3.4 mm	6	500
1869821520	CLI C 02-3 WS/SW 6 CD	white	3.5 / 3.4 mm	6	500
1568241523	CLI C 02-3 GE/SW 7 CD	yellow	3.5 / 3.4 mm	7	500
1869821523	CLI C 02-3 WS/SW 7 CD	white	3.5 / 3.4 mm	7	500
1568241526	CLI C 02-3 GE/SW 8 CD	yellow	3.5 / 3.4 mm	8	500
1869821526	CLI C 02-3 WS/SW 8 CD	white	3.5 / 3.4 mm	8	500
1568241529	CLI C 02-3 GE/SW 9 CD	yellow	3.5 / 3.4 mm	9	500
1568241530	CLI C 02-3 WS/SW 9 CD	white	3.5 / 3.4 mm	9	500



CLI C 02-3 Alphabetic (CD)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568241637	CLI C 02-3 GE/SW A CD	yellow	3.5 / 3.4 mm	A	500
1568241639	CLI C 02-3 GE/SW B CD	yellow	3.5 / 3.4 mm	B	500
1568241641	CLI C 02-3 GE/SW C CD	yellow	3.5 / 3.4 mm	C	500
1568241643	CLI C 02-3 GE/SW D CD	yellow	3.5 / 3.4 mm	D	500
1568241645	CLI C 02-3 GE/SW E CD	yellow	3.5 / 3.4 mm	E	500
1568241647	CLI C 02-3 GE/SW F CD	yellow	3.5 / 3.4 mm	F	500
1568241649	CLI C 02-3 GE/SW G CD	yellow	3.5 / 3.4 mm	G	500
1568241651	CLI C 02-3 GE/SW H CD	yellow	3.5 / 3.4 mm	H	500
1568241653	CLI C 02-3 GE/SW I CD	yellow	3.5 / 3.4 mm	I	500
1568241655	CLI C 02-3 GE/SW J CD	yellow	3.5 / 3.4 mm	J	500
1568241657	CLI C 02-3 GE/SW K CD	yellow	3.5 / 3.4 mm	K	500
1568241659	CLI C 02-3 GE/SW L CD	yellow	3.5 / 3.4 mm	L	500
1568241661	CLI C 02-3 GE/SW M CD	yellow	3.5 / 3.4 mm	M	500
1568241663	CLI C 02-3 GE/SW N CD	yellow	3.5 / 3.4 mm	N	500
1568241665	CLI C 02-3 GE/SW O CD	yellow	3.5 / 3.4 mm	O	500
1568241667	CLI C 02-3 GE/SW P CD	yellow	3.5 / 3.4 mm	P	500
1568241669	CLI C 02-3 GE/SW Q CD	yellow	3.5 / 3.4 mm	Q	500
1568241671	CLI C 02-3 GE/SW R CD	yellow	3.5 / 3.4 mm	R	500
1568241673	CLI C 02-3 GE/SW S CD	yellow	3.5 / 3.4 mm	S	500
1568241676	CLI C 02-3 GE/SW T CD	yellow	3.5 / 3.4 mm	T	500
1568241679	CLI C 02-3 GE/SW U CD	yellow	3.5 / 3.4 mm	U	500
1568241681	CLI C 02-3 GE/SW V CD	yellow	3.5 / 3.4 mm	V	500
1568241683	CLI C 02-3 GE/SW W CD	yellow	3.5 / 3.4 mm	W	500
1568241687	CLI C 02-3 GE/SW X CD	yellow	3.5 / 3.4 mm	X	500
1568241696	CLI C 02-3 GE/SW Y CD	yellow	3.5 / 3.4 mm	Y	500
1568241698	CLI C 02-3 GE/SW Z CD	yellow	3.5 / 3.4 mm	Z	500



CLI C 02-3 Special characters (CD)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568241738	CLI C 02-3 GE/SW + CD	yellow	3.5 / 3.4 mm	+	500
1568241740	CLI C 02-3 GE/SW - CD	yellow	3.5 / 3.4 mm	-	500
1869821740	CLI C 02-3 WS/SW - CD	white	3.5 / 3.4 mm	-	500
1568241748	CLI C 02-3 GE/SW . CD	yellow	3.5 / 3.4 mm	.	500
1568241742	CLI C 02-3 GE/SW / CD	yellow	3.5 / 3.4 mm	/	500
1568241750	CLI C 02-3 GE/SW : CD	yellow	3.5 / 3.4 mm	:	500
1568241751	CLI C 02-3 GE/SW = CD	yellow	3.5 / 3.4 mm	=	500
1568241752	CLI C 02-3 GE/SW AC CD	yellow	3.5 / 3.4 mm	AC	500
1568241746	CLI C 02-3 GE/SW ET CD	yellow	3.5 / 3.4 mm	⏏	500
1568241747	CLI C 02-3 GE/SW PET. CD	yellow	3.5 / 3.4 mm	PET.	500
1568241056	CLI C 02-3 GE/SW Å CD	yellow	3.5 / 3.4 mm	Å	500
1568241055	CLI C 02-3 GE/SW Ä CD	yellow	3.5 / 3.4 mm	Ä	500
1568241057	CLI C 02-3 GE/SW Ö CD	yellow	3.5 / 3.4 mm	Ö	500
1568241741	CLI C 02-3 BL/WS - CD	blue	3.5 / 3.4 mm	-	500
1568241737	CLI C 02-3 RT/WS + CD	red	3.5 / 3.4 mm	+	500



CLI C 02-6 Special characters (CD)**Technical data**

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568241726	CLI C 02-6 GE/SW A1 CD	yellow	3.5 / 3.4 mm	A1	250
1568241727	CLI C 02-6 GE/SW A2 CD	yellow	3.5 / 3.4 mm	A2	250
1568241728	CLI C 02-6 GE/SW L1 CD	yellow	3.5 / 3.4 mm	L1	250
1568241729	CLI C 02-6 GE/SW L2 CD	yellow	3.5 / 3.4 mm	L2	250
1568241730	CLI C 02-6 GE/SW L3 CD	yellow	3.5 / 3.4 mm	L3	250

**CLI C 02-6 Special characters (MultiPack)****Technical data**

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0252111726	CLI C 02-6 GE/SW A1 MP	yellow	3.5 / 3.4 mm	A1	100
0252111727	CLI C 02-6 GE/SW A2 MP	yellow	3.5 / 3.4 mm	A2	100
0252111728	CLI C 02-6 GE/SW L1 MP	yellow	3.5 / 3.4 mm	L1	100
0252111729	CLI C 02-6 GE/SW L2 MP	yellow	3.5 / 3.4 mm	L2	100
0252111730	CLI C 02-6 GE/SW L3 MP	yellow	3.5 / 3.4 mm	L3	100

**CLI C 02-9 Special characters (MultiPack)****Technical data**

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0252111734	CLI C 02-9 GE/SW PEN MP	yellow	3.5 / 3.4 mm	PEN	100

**CLI C 02-9 Special characters (CD)****Technical data**

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568241734	CLI C 02-9 GE/SW PEN CD	yellow	3.5 / 3.4 mm	PEN	125



CableLine® – CLI C – closed wire markers

CLI C 1-3 International colour code (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0252611503	CLI C 1-3 SW/WS 0 MP	black	5 / 4.2 mm	0	200
0252611506	CLI C 1-3 BR/WS 1 MP	brown	5 / 4.2 mm	1	200
0252611509	CLI C 1-3 RT/WS 2 MP	red	5 / 4.2 mm	2	200
0252611512	CLI C 1-3 OR/SW 3 MP	orange	5 / 4.2 mm	3	200
0252611514	CLI C 1-3 GE/SW 4 MP	yellow	5 / 4.2 mm	4	200
0252611518	CLI C 1-3 GN/WS 5 MP	green	5 / 4.2 mm	5	200
0252611521	CLI C 1-3 BL/WS 6 MP	blue	5 / 4.2 mm	6	200
0252611524	CLI C 1-3 VI/WS 7 MP	violet	5 / 4.2 mm	7	200
0252611527	CLI C 1-3 GR/SW 8 MP	grey	5 / 4.2 mm	8	200
0252611530	CLI C 1-3 WS/SW 9 MP	white	5 / 4.2 mm	9	200

CLI C 1-3 Numeric sequence (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0252611502	CLI C 1-3 GE/SW 0 MP	yellow	5 / 4.2 mm	0	200
0252611505	CLI C 1-3 GE/SW 1 MP	yellow	5 / 4.2 mm	1	200
0252611508	CLI C 1-3 GE/SW 2 MP	yellow	5 / 4.2 mm	2	200
0252611511	CLI C 1-3 GE/SW 3 MP	yellow	5 / 4.2 mm	3	200
0252611514	CLI C 1-3 GE/SW 4 MP	yellow	5 / 4.2 mm	4	200
0252611517	CLI C 1-3 GE/SW 5 MP	yellow	5 / 4.2 mm	5	200
0252611520	CLI C 1-3 GE/SW 6 MP	yellow	5 / 4.2 mm	6	200
0252611523	CLI C 1-3 GE/SW 7 MP	yellow	5 / 4.2 mm	7	200
0252611526	CLI C 1-3 GE/SW 8 MP	yellow	5 / 4.2 mm	8	200
0252611529	CLI C 1-3 GE/SW 9 MP	yellow	5 / 4.2 mm	9	200



CLI C 1-3 Alphabetic (MulitPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0252611637	CLI C 1-3 GE/SW A MP	yellow	5 / 4.2 mm	A	200
0252611639	CLI C 1-3 GE/SW B MP	yellow	5 / 4.2 mm	B	200
0252611641	CLI C 1-3 GE/SW C MP	yellow	5 / 4.2 mm	C	200
0252611643	CLI C 1-3 GE/SW D MP	yellow	5 / 4.2 mm	D	200
0252611645	CLI C 1-3 GE/SW E MP	yellow	5 / 4.2 mm	E	200
0252611647	CLI C 1-3 GE/SW F MP	yellow	5 / 4.2 mm	F	200
0252611649	CLI C 1-3 GE/SW G MP	yellow	5 / 4.2 mm	G	200
0252611651	CLI C 1-3 GE/SW H MP	yellow	5 / 4.2 mm	H	200
0252611653	CLI C 1-3 GE/SW I MP	yellow	5 / 4.2 mm	I	200
0252611655	CLI C 1-3 GE/SW J MP	yellow	5 / 4.2 mm	J	200
0252611657	CLI C 1-3 GE/SW K MP	yellow	5 / 4.2 mm	K	200
0252611659	CLI C 1-3 GE/SW L MP	yellow	5 / 4.2 mm	L	200
0252611661	CLI C 1-3 GE/SW M MP	yellow	5 / 4.2 mm	M	200
0252611663	CLI C 1-3 GE/SW N MP	yellow	5 / 4.2 mm	N	200
0252611665	CLI C 1-3 GE/SW O MP	yellow	5 / 4.2 mm	O	200
0252611667	CLI C 1-3 GE/SW P MP	yellow	5 / 4.2 mm	P	200
0252611669	CLI C 1-3 GE/SW Q MP	yellow	5 / 4.2 mm	Q	200
0252611671	CLI C 1-3 GE/SW R MP	yellow	5 / 4.2 mm	R	200
0252611673	CLI C 1-3 GE/SW S MP	yellow	5 / 4.2 mm	S	200
0252611676	CLI C 1-3 GE/SW T MP	yellow	5 / 4.2 mm	T	200
0252611679	CLI C 1-3 GE/SW U MP	yellow	5 / 4.2 mm	U	200
0252611681	CLI C 1-3 GE/SW V MP	yellow	5 / 4.2 mm	V	200
0252611683	CLI C 1-3 GE/SW W MP	yellow	5 / 4.2 mm	W	200
0252611687	CLI C 1-3 GE/SW X MP	yellow	5 / 4.2 mm	X	200
0252611696	CLI C 1-3 GE/SW Y MP	yellow	5 / 4.2 mm	Y	200
0252611698	CLI C 1-3 GE/SW Z MP	yellow	5 / 4.2 mm	Z	200



CLI C 1-3 Special characters (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0252611738	CLI C 1-3 GE/SW + MP	yellow	5 / 4.2 mm	+	200
0252611740	CLI C 1-3 GE/SW - MP	yellow	5 / 4.2 mm	-	200
0252611748	CLI C 1-3 GE/SW . MP	yellow	5 / 4.2 mm	.	200
0252611742	CLI C 1-3 GE/SW / MP	yellow	5 / 4.2 mm	/	200
0252611750	CLI C 1-3 GE/SW : MP	yellow	5 / 4.2 mm	:	200
0252611751	CLI C 1-3 GE/SW = MP	yellow	5 / 4.2 mm	=	200
0252611752	CLI C 1-3 GE/SW AC MP	yellow	5 / 4.2 mm	AC	200
0252611746	CLI C 1-3 GE/SW ET MP	yellow	5 / 4.2 mm	⊥	200
0252611747	CLI C 1-3 GE/SW PET. MP	yellow	5 / 4.2 mm	⊕	200
0252611697	CLI C 1-3 GE/SW Å MP	yellow	5 / 4.2 mm	Å	200
0252611699	CLI C 1-3 GE/SW Ä MP	yellow	5 / 4.2 mm	Ä	200
0252611695	CLI C 1-3 GE/SW Ö MP	yellow	5 / 4.2 mm	Ö	200
0252611741	CLI C 1-3 BL/WS - MP	blue	5 / 4.2 mm	-	200
0252611664	CLI C 1-3 BL/WS N MP	blue	5 / 4.2 mm	N	200
0252611737	CLI C 1-3 RT/WS + MP	red	5 / 4.2 mm	+	200



CableLine® – CLI C – closed wire markers

CLI C 1-3 International colour code (CD)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568251503	CLI C 1-3 SW/WS 0 CD	black	5 / 4.2 mm	0	500
1568251506	CLI C 1-3 BR/WS 1 CD	brown	5 / 4.2 mm	1	500
1568251509	CLI C 1-3 RT/WS 2 CD	red	5 / 4.2 mm	2	500
1568251512	CLI C 1-3 OR/SW 3 CD	orange	5 / 4.2 mm	3	500
1568251514	CLI C 1-3 GE/SW 4 CD	yellow	5 / 4.2 mm	4	500
1568251518	CLI C 1-3 GN/WS 5 CD	green	5 / 4.2 mm	5	500
1568251521	CLI C 1-3 BL/WS 6 CD	blue	5 / 4.2 mm	6	500
1568251524	CLI C 1-3 VI/WS 7 CD	violet	5 / 4.2 mm	7	500
1568251527	CLI C 1-3 GR/SW 8 CD	grey	5 / 4.2 mm	8	500
1568251530	CLI C 1-3 WS/SW 9 CD	white	5 / 4.2 mm	9	500

CLI C 1-3 Numeric sequence (CD)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568251502	CLI C 1-3 GE/SW 0 CD	yellow	5 / 4.2 mm	0	500
1568251000	CLI C 1-3 WS/SW 0 CD	white	5 / 4.2 mm	0	500
1568251505	CLI C 1-3 GE/SW 1 CD	yellow	5 / 4.2 mm	1	500
1568250001	CLI C 1-3 WS/SW 1 CD	white	5 / 4.2 mm	1	500
1568251508	CLI C 1-3 GE/SW 2 CD	yellow	5 / 4.2 mm	2	500
1568250002	CLI C 1-3 WS/SW 2 CD	white	5 / 4.2 mm	2	500
1568251511	CLI C 1-3 GE/SW 3 CD	yellow	5 / 4.2 mm	3	500
1568250003	CLI C 1-3 WS/SW 3 CD	white	5 / 4.2 mm	3	500
1568251514	CLI C 1-3 GE/SW 4 CD	yellow	5 / 4.2 mm	4	500
1568250004	CLI C 1-3 WS/SW 4 CD	white	5 / 4.2 mm	4	500
1568251517	CLI C 1-3 GE/SW 5 CD	yellow	5 / 4.2 mm	5	500
1568250005	CLI C 1-3 WS/SW 5 CD	white	5 / 4.2 mm	5	500
1568251520	CLI C 1-3 GE/SW 6 CD	yellow	5 / 4.2 mm	6	500
1568250006	CLI C 1-3 WS/SW 6 CD	white	5 / 4.2 mm	6	500
1568251523	CLI C 1-3 GE/SW 7 CD	yellow	5 / 4.2 mm	7	500
1568250007	CLI C 1-3 WS/SW 7 CD	white	5 / 4.2 mm	7	500
1568251526	CLI C 1-3 GE/SW 8 CD	yellow	5 / 4.2 mm	8	500
1568250008	CLI C 1-3 WS/SW 8 CD	white	5 / 4.2 mm	8	500
1568251529	CLI C 1-3 GE/SW 9 CD	yellow	5 / 4.2 mm	9	500
1568251530	CLI C 1-3 WS/SW 9 CD	white	5 / 4.2 mm	9	500



CLI C 1-3 Alphabetic (CD)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568251637	CLI C 1-3 GE/SW A CD	● yellow	5 / 4.2 mm	A	500
1568251021	CLI C 1-3 WS/SW A CD	○ white	5 / 4.2 mm	A	500
1568251639	CLI C 1-3 GE/SW B CD	● yellow	5 / 4.2 mm	B	500
1568251022	CLI C 1-3 WS/SW B CD	○ white	5 / 4.2 mm	B	500
1568251641	CLI C 1-3 GE/SW C CD	● yellow	5 / 4.2 mm	C	500
1568251023	CLI C 1-3 WS/SW C CD	○ white	5 / 4.2 mm	C	500
1568251643	CLI C 1-3 GE/SW D CD	● yellow	5 / 4.2 mm	D	500
1568251024	CLI C 1-3 WS/SW D CD	○ white	5 / 4.2 mm	D	500
1568251645	CLI C 1-3 GE/SW E CD	● yellow	5 / 4.2 mm	E	500
1568251025	CLI C 1-3 WS/SW E CD	○ white	5 / 4.2 mm	E	500
1568251647	CLI C 1-3 GE/SW F CD	● yellow	5 / 4.2 mm	F	500
1568251026	CLI C 1-3 WS/SW F CD	○ white	5 / 4.2 mm	F	500
1568251649	CLI C 1-3 GE/SW G CD	● yellow	5 / 4.2 mm	G	500
1568251027	CLI C 1-3 WS/SW G CD	○ white	5 / 4.2 mm	G	500
1568251651	CLI C 1-3 GE/SW H CD	● yellow	5 / 4.2 mm	H	500
1568251028	CLI C 1-3 WS/SW H CD	○ white	5 / 4.2 mm	H	500
1568251653	CLI C 1-3 GE/SW I CD	● yellow	5 / 4.2 mm	I	500
1568251029	CLI C 1-3 WS/SW I CD	○ white	5 / 4.2 mm	I	500
1568251655	CLI C 1-3 GE/SW J CD	● yellow	5 / 4.2 mm	J	500
1568251030	CLI C 1-3 WS/SW J CD	○ white	5 / 4.2 mm	J	500
1568251657	CLI C 1-3 GE/SW K CD	● yellow	5 / 4.2 mm	K	500
1568251031	CLI C 1-3 WS/SW K CD	○ white	5 / 4.2 mm	K	500
1568251659	CLI C 1-3 GE/SW L CD	● yellow	5 / 4.2 mm	L	500
1568251032	CLI C 1-3 WS/SW L CD	○ white	5 / 4.2 mm	L	500
1568251661	CLI C 1-3 GE/SW M CD	● yellow	5 / 4.2 mm	M	500
1568251033	CLI C 1-3 WS/SW M CD	○ white	5 / 4.2 mm	M	500
1568251663	CLI C 1-3 GE/SW N CD	● yellow	5 / 4.2 mm	N	500
1568251034	CLI C 1-3 WS/SW N CD	○ white	5 / 4.2 mm	N	500
1568251665	CLI C 1-3 GE/SW O CD	● yellow	5 / 4.2 mm	O	500
1568251035	CLI C 1-3 WS/SW O CD	○ white	5 / 4.2 mm	O	500
1568251667	CLI C 1-3 GE/SW P CD	● yellow	5 / 4.2 mm	P	500
1568251036	CLI C 1-3 WS/SW P CD	○ white	5 / 4.2 mm	P	500
1568251669	CLI C 1-3 GE/SW Q CD	● yellow	5 / 4.2 mm	Q	500
1568251037	CLI C 1-3 WS/SW Q CD	○ white	5 / 4.2 mm	Q	500
1568251671	CLI C 1-3 GE/SW R CD	● yellow	5 / 4.2 mm	R	500
1568251038	CLI C 1-3 WS/SW R CD	○ white	5 / 4.2 mm	R	500
1568251673	CLI C 1-3 GE/SW S CD	● yellow	5 / 4.2 mm	S	500
1568251039	CLI C 1-3 WS/SW S CD	○ white	5 / 4.2 mm	S	500
1568251676	CLI C 1-3 GE/SW T CD	● yellow	5 / 4.2 mm	T	500
1568251040	CLI C 1-3 WS/SW T CD	○ white	5 / 4.2 mm	T	500
1568251679	CLI C 1-3 GE/SW U CD	● yellow	5 / 4.2 mm	U	500
1568251041	CLI C 1-3 WS/SW U CD	○ white	5 / 4.2 mm	U	500
1568251681	CLI C 1-3 GE/SW V CD	● yellow	5 / 4.2 mm	V	500
1568251042	CLI C 1-3 WS/SW V CD	○ white	5 / 4.2 mm	V	500
1568251683	CLI C 1-3 GE/SW W CD	● yellow	5 / 4.2 mm	W	500
1568251043	CLI C 1-3 WS/SW W CD	○ white	5 / 4.2 mm	W	500
1568251687	CLI C 1-3 GE/SW X CD	● yellow	5 / 4.2 mm	X	500
1568251054	CLI C 1-3 WS/SW X CD	○ white	5 / 4.2 mm	X	500
1568251696	CLI C 1-3 GE/SW Y CD	● yellow	5 / 4.2 mm	Y	500
1568251045	CLI C 1-3 WS/SW Y CD	○ white	5 / 4.2 mm	Y	500
1568251698	CLI C 1-3 GE/SW Z CD	● yellow	5 / 4.2 mm	Z	500
1568251046	CLI C 1-3 WS/SW Z CD	○ white	5 / 4.2 mm	Z	500



CLI C 1-3 Special characters (CD)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568251753	CLI C 1-3 GE/SW * CD	yellow	5 / 4.2 mm	*	500
1568251738	CLI C 1-3 GE/SW + CD	yellow	5 / 4.2 mm	+	500
1568251048	CLI C 1-3 WS/SW + CD	white	5 / 4.2 mm	+	500
1568251740	CLI C 1-3 GE/SW - CD	yellow	5 / 4.2 mm	-	500
1568251049	CLI C 1-3 WS/SW - CD	white	5 / 4.2 mm	-	500
1568251748	CLI C 1-3 GE/SW . CD	yellow	5 / 4.2 mm	.	500
1568251047	CLI C 1-3 WS/SW . CD	white	5 / 4.2 mm	.	500
1568251742	CLI C 1-3 GE/SW / CD	yellow	5 / 4.2 mm	/	500
1568251050	CLI C 1-3 WS/SW / CD	white	5 / 4.2 mm	/	500
1568251750	CLI C 1-3 GE/SW : CD	yellow	5 / 4.2 mm	:	500
1568251051	CLI C 1-3 WS/SW : CD	white	5 / 4.2 mm	:	500
1568251751	CLI C 1-3 GE/SW = CD	yellow	5 / 4.2 mm	=	500
1568251052	CLI C 1-3 WS/SW = CD	white	5 / 4.2 mm	=	500
1568251752	CLI C 1-3 GE/SW AC CD	yellow	5 / 4.2 mm	AC	500
1568251746	CLI C 1-3 GE/SW ET CD	yellow	5 / 4.2 mm	⊥	500
1568251053	CLI C 1-3 WS/SW ET CD	white	5 / 4.2 mm	⊥	500
1568251747	CLI C 1-3 GE/SW PET. CD	yellow	5 / 4.2 mm	⊕	500
1568251058	CLI C 1-3 WS/SW PET. CD	white	5 / 4.2 mm	⊕	500
1568251797	CLI C 1-3 GE/SW Å CD	yellow	5 / 4.2 mm	Å	500
1568251055	CLI C 1-3 WS/SW ? CD	white	5 / 4.2 mm	?	500
1568251799	CLI C 1-3 GE/SW Ä CD	yellow	5 / 4.2 mm	Ä	500
1568251735	CLI C 1-3 GE/SW Æ CD	yellow	5 / 4.2 mm	Æ	500
1568251795	CLI C 1-3 GE/SW Ö CD	yellow	5 / 4.2 mm	Ö	500
1568251057	CLI C 1-3 WS/SW Ö CD	white	5 / 4.2 mm	Ö	500
1568251736	CLI C 1-3 GE/SW Ø CD	yellow	5 / 4.2 mm	Ø	500
1568251741	CLI C 1-3 BL/WS - CD	blue	5 / 4.2 mm	-	500
1568251664	CLI C 1-3 BL/WS N CD	blue	5 / 4.2 mm	N	500
1568251737	CLI C 1-3 RT/WS + CD	red	5 / 4.2 mm	+	500



CLI C 1-6 Numeric sequence (MultiPack)**Technical data**

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0252711522	CLI C 1-6 GE/SW 01 MP	yellow	5 / 4.2 mm	01	100
0252711523	CLI C 1-6 GE/SW 02 MP	yellow	5 / 4.2 mm	02	100
0252711524	CLI C 1-6 GE/SW 03 MP	yellow	5 / 4.2 mm	03	100
0252711525	CLI C 1-6 GE/SW 04 MP	yellow	5 / 4.2 mm	04	100
0252711526	CLI C 1-6 GE/SW 05 MP	yellow	5 / 4.2 mm	05	100
0252711527	CLI C 1-6 GE/SW 06 MP	yellow	5 / 4.2 mm	06	100
0252711528	CLI C 1-6 GE/SW 07 MP	yellow	5 / 4.2 mm	07	100
0252711529	CLI C 1-6 GE/SW 08 MP	yellow	5 / 4.2 mm	08	100
0252711530	CLI C 1-6 GE/SW 09 MP	yellow	5 / 4.2 mm	09	100

**CLI C 1-6 Special characters (MultiPack)****Technical data**

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0252711726	CLI C 1-6 GE/SW A1 MP	yellow	5 / 4.2 mm	A1	100
0252711727	CLI C 1-6 GE/SW A2 MP	yellow	5 / 4.2 mm	A2	100
0252711728	CLI C 1-6 GE/SW L1 MP	yellow	5 / 4.2 mm	L1	100
0252711729	CLI C 1-6 GE/SW L2 MP	yellow	5 / 4.2 mm	L2	100
0252711730	CLI C 1-6 GE/SW L3 MP	yellow	5 / 4.2 mm	L3	100
0252711733	CLI C 1-6 GE/SW PE MP	yellow	5 / 4.2 mm	PE	100



CableLine® – CLI C – closed wire markers

CLI C 1-9 Special characters (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0252711734	CLI C 1-9 GE/SW PEN MP	yellow	5 / 4.2 mm	PEN	100



CLI C 1-6 Numeric sequence (CD)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1868811522	CLI C 1-6 GE/SW 01 CD	yellow	5 / 4.2 mm	01	250
1868811523	CLI C 1-6 GE/SW 02 CD	yellow	5 / 4.2 mm	02	250
1868811524	CLI C 1-6 GE/SW 03 CD	yellow	5 / 4.2 mm	03	250
1868811525	CLI C 1-6 GE/SW 04 CD	yellow	5 / 4.2 mm	04	250
1868811526	CLI C 1-6 GE/SW 05 CD	yellow	5 / 4.2 mm	05	250
1868811527	CLI C 1-6 GE/SW 06 CD	yellow	5 / 4.2 mm	06	250
1868811528	CLI C 1-6 GE/SW 07 CD	yellow	5 / 4.2 mm	07	250
1868811529	CLI C 1-6 GE/SW 08 CD	yellow	5 / 4.2 mm	08	250
1868811530	CLI C 1-6 GE/SW 09 CD	yellow	5 / 4.2 mm	09	250



CLI C 1-6 Special characters (CD)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1868811726	CLI C 1-6 GE/SW A1 CD	yellow	5 / 4.2 mm	A1	250
1868811727	CLI C 1-6 GE/SW A2 CD	yellow	5 / 4.2 mm	A2	250
1868811728	CLI C 1-6 GE/SW L1 CD	yellow	5 / 4.2 mm	L1	250
1868811729	CLI C 1-6 GE/SW L2 CD	yellow	5 / 4.2 mm	L2	250
1868811730	CLI C 1-6 GE/SW L3 CD	yellow	5 / 4.2 mm	L3	250
1868811733	CLI C 1-6 GE/SW PE CD	yellow	5 / 4.2 mm	PE	250
1868811735	CLI C 1-6 GE/SW U1 CD	yellow	5 / 4.2 mm	U1	250
1868811736	CLI C 1-6 GE/SW U2 CD	yellow	5 / 4.2 mm	U2	250
1868811738	CLI C 1-6 GE/SW UN CD	yellow	5 / 4.2 mm	UN	250
1868811150	CLI C 1-6 GE/SW X1 CD	yellow	5 / 4.2 mm	X1	250
1868811151	CLI C 1-6 GE/SW X2 CD	yellow	5 / 4.2 mm	X2	250



CLI C 1-9 Special characters (CD)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1868811734	CLI C 1-9 GE/SW PEN CD	yellow	5 / 4.2 mm	PEN	125



CLI C 2-4 International colour code (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	4 - 10 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0251311503	CLI C 2-4 SW/WS 0 MP	black	8 / 7 mm	0	100
0251311506	CLI C 2-4 BR/WS 1 MP	brown	8 / 7 mm	1	100
0251311509	CLI C 2-4 RT/WS 2 MP	red	8 / 7 mm	2	100
0251311512	CLI C 2-4 OR/SW 3 MP	orange	8 / 7 mm	3	100
0251311514	CLI C 2-4 GE/SW 4 MP	yellow	8 / 7 mm	4	100
0251311518	CLI C 2-4 GN/WS 5 MP	green	8 / 7 mm	5	100
0251311521	CLI C 2-4 BL/WS 6 MP	blue	8 / 7 mm	6	100
0251311524	CLI C 2-4 VI/WS 7 MP	violet	8 / 7 mm	7	100
0251311527	CLI C 2-4 GR/SW 8 MP	grey	8 / 7 mm	8	100
0251310009	CLI C 2-4 WS/SW 9 MP	white	8 / 7 mm	9	100



CableLine® – CLI C – closed wire markers

CLI C 2-4 Numeric sequence (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	4 - 10 mm	MultiPack



Ordering data

Order No.	Type		Colour	Depth / Width	Printing	Qty.
0251311502	CLI C 2-4 GE/SW 0 MP	●	yellow	8 / 7 mm	0	100
0251311000	CLI C 2-4 WS/SW 0 MP	○	white	8 / 7 mm	0	100
0251311505	CLI C 2-4 GE/SW 1 MP	●	yellow	8 / 7 mm	1	100
0251310001	CLI C 2-4 WS/SW 1 MP	○	white	8 / 7 mm	1	100
0251311508	CLI C 2-4 GE/SW 2 MP	●	yellow	8 / 7 mm	2	100
0251310002	CLI C 2-4 WS/SW 2 MP	○	white	8 / 7 mm	2	100
0251311511	CLI C 2-4 GE/SW 3 MP	●	yellow	8 / 7 mm	3	100
0251310003	CLI C 2-4 WS/SW 3 MP	○	white	8 / 7 mm	3	100
0251311514	CLI C 2-4 GE/SW 4 MP	●	yellow	8 / 7 mm	4	100
0251310004	CLI C 2-4 WS/SW 4 MP	○	white	8 / 7 mm	4	100
0251311517	CLI C 2-4 GE/SW 5 MP	●	yellow	8 / 7 mm	5	100
0251310005	CLI C 2-4 WS/SW 5 MP	○	white	8 / 7 mm	5	100
0251311520	CLI C 2-4 GE/SW 6 MP	●	yellow	8 / 7 mm	6	100
0251310006	CLI C 2-4 WS/SW 6 MP	○	white	8 / 7 mm	6	100
0251311523	CLI C 2-4 GE/SW 7 MP	●	yellow	8 / 7 mm	7	100
0251310007	CLI C 2-4 WS/SW 7 MP	○	white	8 / 7 mm	7	100
0251311526	CLI C 2-4 GE/SW 8 MP	●	yellow	8 / 7 mm	8	100
0251310008	CLI C 2-4 WS/SW 8 MP	○	white	8 / 7 mm	8	100
0251311529	CLI C 2-4 GE/SW 9 MP	●	yellow	8 / 7 mm	9	100
0251310009	CLI C 2-4 WS/SW 9 MP	○	white	8 / 7 mm	9	100

CLI C 2-4 Alphabetic (MulitPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	4 - 10 mm	MultiPack



Ordering data

Order No.	Type		Colour	Depth / Width	Printing	Qty.
0251311637	CLI C 2-4 GE/SW A MP	●	yellow	8 / 7 mm	A	100
0251311639	CLI C 2-4 GE/SW B MP	●	yellow	8 / 7 mm	B	100
0251311641	CLI C 2-4 GE/SW C MP	●	yellow	8 / 7 mm	C	100
0251311643	CLI C 2-4 GE/SW D MP	●	yellow	8 / 7 mm	D	100
0251311645	CLI C 2-4 GE/SW E MP	●	yellow	8 / 7 mm	E	100
0251311647	CLI C 2-4 GE/SW F MP	●	yellow	8 / 7 mm	F	100
0251311649	CLI C 2-4 GE/SW G MP	●	yellow	8 / 7 mm	G	100
0251311651	CLI C 2-4 GE/SW H MP	●	yellow	8 / 7 mm	H	100
0251311653	CLI C 2-4 GE/SW I MP	●	yellow	8 / 7 mm	I	100
0251311655	CLI C 2-4 GE/SW J MP	●	yellow	8 / 7 mm	J	100
0251311657	CLI C 2-4 GE/SW K MP	●	yellow	8 / 7 mm	K	100
0251311659	CLI C 2-4 GE/SW L MP	●	yellow	8 / 7 mm	L	100
0251311661	CLI C 2-4 GE/SW M MP	●	yellow	8 / 7 mm	M	100
0251311663	CLI C 2-4 GE/SW N MP	●	yellow	8 / 7 mm	N	100
0251311665	CLI C 2-4 GE/SW O MP	●	yellow	8 / 7 mm	O	100
0251311667	CLI C 2-4 GE/SW P MP	●	yellow	8 / 7 mm	P	100
0251311669	CLI C 2-4 GE/SW Q MP	●	yellow	8 / 7 mm	Q	100
0251311671	CLI C 2-4 GE/SW R MP	●	yellow	8 / 7 mm	R	100
0251311673	CLI C 2-4 GE/SW S MP	●	yellow	8 / 7 mm	S	100
0251311676	CLI C 2-4 GE/SW T MP	●	yellow	8 / 7 mm	T	100
0251311679	CLI C 2-4 GE/SW U MP	●	yellow	8 / 7 mm	U	100
0251311681	CLI C 2-4 GE/SW V MP	●	yellow	8 / 7 mm	V	100
0251311683	CLI C 2-4 GE/SW W MP	●	yellow	8 / 7 mm	W	100
0251311687	CLI C 2-4 GE/SW X MP	●	yellow	8 / 7 mm	X	100
0251311696	CLI C 2-4 GE/SW Y MP	●	yellow	8 / 7 mm	Y	100
0251311698	CLI C 2-4 GE/SW Z MP	●	yellow	8 / 7 mm	Z	100

CLI C 2-4 Special characters (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	4 - 10 mm	MultiPack



Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0251311738	CLI C 2-4 GE/SW + MP	● yellow	8 / 7 mm	+	100
0251311048	CLI C 2-4 WS/SW + MP	○ white	8 / 7 mm	+	100
0251311740	CLI C 2-4 GE/SW - MP	● yellow	8 / 7 mm	-	100
0251311049	CLI C 2-4 WS/SW - MP	○ white	8 / 7 mm	-	100
0251311748	CLI C 2-4 GE/SW . MP	● yellow	8 / 7 mm	.	100
0251311742	CLI C 2-4 GE/SW / MP	● yellow	8 / 7 mm	/	100
0251311750	CLI C 2-4 GE/SW : MP	● yellow	8 / 7 mm	:	100
0251311751	CLI C 2-4 GE/SW = MP	● yellow	8 / 7 mm	=	100
0251311752	CLI C 2-4 GE/SW AC MP	● yellow	8 / 7 mm	AC	100
0251311746	CLI C 2-4 GE/SW ET MP	● yellow	8 / 7 mm	±	100
0251311747	CLI C 2-4 GE/SW PET. MP	● yellow	8 / 7 mm	⊕	100
0251311699	CLI C 2-4 GE/SW Å MP	● yellow	8 / 7 mm	Å	100
0251311695	CLI C 2-4 GE/SW Ö MP	● yellow	8 / 7 mm	Ö	100
0251311736	CLI C 2-4 GE/SW Ø MP	● yellow	8 / 7 mm	Ø	100

CLI C 2-4 International colour code (CD)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	4 - 10 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568261503	CLI C 2-4 SW/WS 0 CD	black	8 / 7 mm	0	250
1568261506	CLI C 2-4 BR/WS 1 CD	brown	8 / 7 mm	1	250
1568261509	CLI C 2-4 RT/WS 2 CD	red	8 / 7 mm	2	250
1568261512	CLI C 2-4 OR/SW 3 CD	orange	8 / 7 mm	3	250
1568261514	CLI C 2-4 GE/SW 4 CD	yellow	8 / 7 mm	4	250
1568261518	CLI C 2-4 GN/WS 5 CD	green	8 / 7 mm	5	250
1568261521	CLI C 2-4 BL/WS 6 CD	blue	8 / 7 mm	6	250
1568261524	CLI C 2-4 VI/WS 7 CD	violet	8 / 7 mm	7	250
1568261527	CLI C 2-4 GR/SW 8 CD	grey	8 / 7 mm	8	250
1568261530	CLI C 2-4 WS/SW 9 CD	white	8 / 7 mm	9	250



CLI C 2-4 Numeric sequence (CD)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	4 - 10 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568261502	CLI C 2-4 GE/SW 0 CD	yellow	8 / 7 mm	0	250
1568261505	CLI C 2-4 GE/SW 1 CD	yellow	8 / 7 mm	1	250
1568261508	CLI C 2-4 GE/SW 2 CD	yellow	8 / 7 mm	2	250
1568261511	CLI C 2-4 GE/SW 3 CD	yellow	8 / 7 mm	3	250
1568261514	CLI C 2-4 GE/SW 4 CD	yellow	8 / 7 mm	4	250
1568261517	CLI C 2-4 GE/SW 5 CD	yellow	8 / 7 mm	5	250
1568261520	CLI C 2-4 GE/SW 6 CD	yellow	8 / 7 mm	6	250
1568261523	CLI C 2-4 GE/SW 7 CD	yellow	8 / 7 mm	7	250
1568261526	CLI C 2-4 GE/SW 8 CD	yellow	8 / 7 mm	8	250
1568261529	CLI C 2-4 GE/SW 9 CD	yellow	8 / 7 mm	9	250



CableLine® – CLI C – closed wire markers

CLI C 2-4 Alphabetic (CD)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	4 - 10 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568261637	CLI C 2-4 GE/SW A CD	yellow	8 / 7 mm	A	250
1568261639	CLI C 2-4 GE/SW B CD	yellow	8 / 7 mm	B	250
1568261641	CLI C 2-4 GE/SW C CD	yellow	8 / 7 mm	C	250
1568261643	CLI C 2-4 GE/SW D CD	yellow	8 / 7 mm	D	250
1568261645	CLI C 2-4 GE/SW E CD	yellow	8 / 7 mm	E	250
1568261647	CLI C 2-4 GE/SW F CD	yellow	8 / 7 mm	F	250
1568261649	CLI C 2-4 GE/SW G CD	yellow	8 / 7 mm	G	250
1568261651	CLI C 2-4 GE/SW H CD	yellow	8 / 7 mm	H	250
1568261653	CLI C 2-4 GE/SW I CD	yellow	8 / 7 mm	I	250
1568261655	CLI C 2-4 GE/SW J CD	yellow	8 / 7 mm	J	250
1568261657	CLI C 2-4 GE/SW K CD	yellow	8 / 7 mm	K	250
1568261659	CLI C 2-4 GE/SW L CD	yellow	8 / 7 mm	L	250
1568261661	CLI C 2-4 GE/SW M CD	yellow	8 / 7 mm	M	250
1568261663	CLI C 2-4 GE/SW N CD	yellow	8 / 7 mm	N	250
1568261665	CLI C 2-4 GE/SW O CD	yellow	8 / 7 mm	O	250
1568261667	CLI C 2-4 GE/SW P CD	yellow	8 / 7 mm	P	250
1568261669	CLI C 2-4 GE/SW Q CD	yellow	8 / 7 mm	Q	250
1568261671	CLI C 2-4 GE/SW R CD	yellow	8 / 7 mm	R	250
1568261673	CLI C 2-4 GE/SW S CD	yellow	8 / 7 mm	S	250
1568261676	CLI C 2-4 GE/SW T CD	yellow	8 / 7 mm	T	250
1568261679	CLI C 2-4 GE/SW U CD	yellow	8 / 7 mm	U	250
1568261681	CLI C 2-4 GE/SW V CD	yellow	8 / 7 mm	V	250
1568261683	CLI C 2-4 GE/SW W CD	yellow	8 / 7 mm	W	250
1568261687	CLI C 2-4 GE/SW X CD	yellow	8 / 7 mm	X	250
1568261696	CLI C 2-4 GE/SW Y CD	yellow	8 / 7 mm	Y	250
1568261698	CLI C 2-4 GE/SW Z CD	yellow	8 / 7 mm	Z	250

CLI C 2-4 Special characters (CD)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	4 - 10 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568261738	CLI C 2-4 GE/SW + CD	yellow	8 / 7 mm	+	250
1568261740	CLI C 2-4 GE/SW - CD	yellow	8 / 7 mm	-	250
1568261748	CLI C 2-4 GE/SW . CD	yellow	8 / 7 mm	.	250
1568261742	CLI C 2-4 GE/SW / CD	yellow	8 / 7 mm	/	250
1568261750	CLI C 2-4 GE/SW : CD	yellow	8 / 7 mm	:	250
1568261751	CLI C 2-4 GE/SW = CD	yellow	8 / 7 mm	=	250
1568261752	CLI C 2-4 GE/SW AC CD	yellow	8 / 7 mm	AC	250
1568261746	CLI C 2-4 GE/SW ET CD	yellow	8 / 7 mm	±	250
1568261735	CLI C 2-4 GE/SW Æ CD	yellow	8 / 7 mm	Æ	250
1568261741	CLI C 2-4 BL/WS - CD	blue	8 / 7 mm	-	250
1568261737	CLI C 2-4 RT/WS + CD	red	8 / 7 mm	+	250



CLI C 2-6 Special characters (MultiPack)**Technical data**

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	4 - 10 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1871891728	CLI C 2-6 GE/SW L1 MP	● yellow	8 / 7 mm	L1	100
1871891729	CLI C 2-6 GE/SW L2 MP	● yellow	8 / 7 mm	L2	100
1871891730	CLI C 2-6 GE/SW L3 MP	● yellow	8 / 7 mm	L3	100

**CLI C 2-6 Special characters (CD)****Technical data**

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	4 - 10 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1871901728	CLI C 2-6 GE/SW L1 CD	● yellow	8 / 7 mm	L1	125
1871901729	CLI C 2-6 GE/SW L2 CD	● yellow	8 / 7 mm	L2	125
1871901730	CLI C 2-6 GE/SW L3 CD	● yellow	8 / 7 mm	L3	125
1871901731	CLI C 2-6 GE/SW PE CD	● yellow	8 / 7 mm	PE	125

**CLI C 2-9 Special characters (MultiPack)****Technical data**

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	4 - 10 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1872031734	CLI C 2-9 GE/SW PEN MP	yellow	8 / 7 mm	PEN	100

**CLI C 2-9 Special characters (CD)****Technical data**

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	4 - 10 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1871971734	CLI C 2-9 GE/SW PEN CD	yellow	8 / 7 mm	PEN	125



CableLine® – CLI C – closed wire markers

CLI C 3-6 Numeric sequence (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	8 - 16 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0253411502	CLI C 3-6 GE/SW 0 MP	yellow	17 / 11 mm	0	20
0253411505	CLI C 3-6 GE/SW 1 MP	yellow	17 / 11 mm	1	20
0253411508	CLI C 3-6 GE/SW 2 MP	yellow	17 / 11 mm	2	20
0253411511	CLI C 3-6 GE/SW 3 MP	yellow	17 / 11 mm	3	20
0253411514	CLI C 3-6 GE/SW 4 MP	yellow	17 / 11 mm	4	20
0253411517	CLI C 3-6 GE/SW 5 MP	yellow	17 / 11 mm	5	20
0253411520	CLI C 3-6 GE/SW 6 MP	yellow	17 / 11 mm	6	20
0253411523	CLI C 3-6 GE/SW 7 MP	yellow	17 / 11 mm	7	20
0253411526	CLI C 3-6 GE/SW 8 MP	yellow	17 / 11 mm	8	20
0253411529	CLI C 3-6 GE/SW 9 MP	yellow	17 / 11 mm	9	20



CLI C 3-6 Alphabetic (MulitPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	8 - 16 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0253411637	CLI C 3-6 GE/SW A MP	yellow	17 / 11 mm	A	20
0253411639	CLI C 3-6 GE/SW B MP	yellow	17 / 11 mm	B	20
0253411641	CLI C 3-6 GE/SW C MP	yellow	17 / 11 mm	C	20
0253411643	CLI C 3-6 GE/SW D MP	yellow	17 / 11 mm	D	20
0253411645	CLI C 3-6 GE/SW E MP	yellow	17 / 11 mm	E	20
0253411647	CLI C 3-6 GE/SW F MP	yellow	17 / 11 mm	F	20
0253411649	CLI C 3-6 GE/SW G MP	yellow	17 / 11 mm	G	20
0253411651	CLI C 3-6 GE/SW H MP	yellow	17 / 11 mm	H	20
0253411653	CLI C 3-6 GE/SW I MP	yellow	17 / 11 mm	I	20
0253411655	CLI C 3-6 GE/SW J MP	yellow	17 / 11 mm	J	20
0253411657	CLI C 3-6 GE/SW K MP	yellow	17 / 11 mm	K	20
0253411659	CLI C 3-6 GE/SW L MP	yellow	17 / 11 mm	L	20
0253411661	CLI C 3-6 GE/SW M MP	yellow	17 / 11 mm	M	20
0253411663	CLI C 3-6 GE/SW N MP	yellow	17 / 11 mm	N	20
0253411665	CLI C 3-6 GE/SW O MP	yellow	17 / 11 mm	O	20
0253411667	CLI C 3-6 GE/SW P MP	yellow	17 / 11 mm	P	20
0253411669	CLI C 3-6 GE/SW Q MP	yellow	17 / 11 mm	Q	20
0253411671	CLI C 3-6 GE/SW R MP	yellow	17 / 11 mm	R	20
0253411673	CLI C 3-6 GE/SW S MP	yellow	17 / 11 mm	S	20
0253411676	CLI C 3-6 GE/SW T MP	yellow	17 / 11 mm	T	20
0253411679	CLI C 3-6 GE/SW U MP	yellow	17 / 11 mm	U	20
0253411681	CLI C 3-6 GE/SW V MP	yellow	17 / 11 mm	V	20
0253411683	CLI C 3-6 GE/SW W MP	yellow	17 / 11 mm	W	20
0253411687	CLI C 3-6 GE/SW X MP	yellow	17 / 11 mm	X	20
0253411696	CLI C 3-6 GE/SW Y MP	yellow	17 / 11 mm	Y	20
0253411698	CLI C 3-6 GE/SW Z MP	yellow	17 / 11 mm	Z	20



CLI C 3-6 Special characters (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	8 - 16 mm	MultiPack



Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0253411742	CLI C 3-6 GE/SW / MP	yellow	17 / 11 mm	/	20
0253411738	CLI C 3-6 GE/SW + MP	yellow	17 / 11 mm	+	20
0253411740	CLI C 3-6 GE/SW - MP	yellow	17 / 11 mm	-	20
0253411748	CLI C 3-6 GE/SW . MP	yellow	17 / 11 mm	.	20
0253411750	CLI C 3-6 GE/SW : MP	yellow	17 / 11 mm	:	20
0253411751	CLI C 3-6 GE/SW = MP	yellow	17 / 11 mm	=	20
0253411752	CLI C 3-6 GE/SW AC MP	yellow	17 / 11 mm	AC	20
0253411746	CLI C 3-6 GE/SW ET MP	yellow	17 / 11 mm	⏏	20
0253411741	CLI C 3-6 BL/WS - MP	blue	17 / 11 mm	-	20

CLI C 3-9 Special characters (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	8 - 16 mm	MultiPack



Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0253511726	CLI C 3-9 GE/SW A1 MP	● yellow	17 / 11 mm	A1	20
0253511727	CLI C 3-9 GE/SW A2 MP	● yellow	17 / 11 mm	A2	20
0253511728	CLI C 3-9 GE/SW L1 MP	● yellow	17 / 11 mm	L1	20
0253511729	CLI C 3-9 GE/SW L2 MP	● yellow	17 / 11 mm	L2	20
0253511730	CLI C 3-9 GE/SW L3 MP	● yellow	17 / 11 mm	L3	20
0253511733	CLI C 3-9 GE/SW PE MP	● yellow	17 / 11 mm	PE	20
1872661733	CLI C 3-9 GE/SW PEN MP	● yellow	17 / 11 mm	PEN	20
0253511735	CLI C 3-9 GE/SW SL MP	● yellow	17 / 11 mm	SL	20
0253511750	CLI C 3-9 GE/SW X1 MP	● yellow	17 / 11 mm	X1	20
0253511751	CLI C 3-9 GE/SW X2 MP	● yellow	17 / 11 mm	X2	20

CableLine® – CLI C – closed wire markers

CLI R 02 Blank (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0560001687	CLI R 02-3 GE NE	yellow	4 / 3.4 mm	Blank	10



CLI R 1 Blank (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0572901687	CLI R 1-3 GE NE	yellow	5 / 4.2 mm	Blank	10

CLI R 02 Custom print (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0560009999	CLI R 02-3 SDR	CSP	4 / 3.4 mm	Custom printing	10



CLI R 1 Custom print (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0572909999	CLI R 1-3 SDR	CSP	5 / 4.2 mm	Custom printing	10

CLI R 02 International colour code (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0560001503	CLI R 02-3 SW/WS 0	black	4 / 3.4 mm	0	10
0560001506	CLI R 02-3 BR/WS 1	brown	4 / 3.4 mm	1	10
0560001509	CLI R 02-3 RT/WS 2	red	4 / 3.4 mm	2	10
0560001512	CLI R 02-3 OR/SW 3	orange	4 / 3.4 mm	3	10
0560001513	CLI R 02-3 GE/SW 4	yellow	4 / 3.4 mm	4	10
0560001518	CLI R 02-3 GN/WS 5	green	4 / 3.4 mm	5	10
0560001521	CLI R 02-3 BL/WS 6	blue	4 / 3.4 mm	6	10
0560001524	CLI R 02-3 VI/WS 7	violet	4 / 3.4 mm	7	10
0560001527	CLI R 02-3 GR/SW 8	grey	4 / 3.4 mm	8	10
0560001530	CLI R 02-3 WS/SW 9	white	4 / 3.4 mm	9	10



CLI R 02 Numeric sequence (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0560001501	CLI R 02-3 GE/SW 0	yellow	4 / 3.4 mm	0	10
0560001504	CLI R 02-3 GE/SW 1	yellow	4 / 3.4 mm	1	10
0560001507	CLI R 02-3 GE/SW 2	yellow	4 / 3.4 mm	2	10
0560001510	CLI R 02-3 GE/SW 3	yellow	4 / 3.4 mm	3	10
0560001513	CLI R 02-3 GE/SW 4	yellow	4 / 3.4 mm	4	10
0560001516	CLI R 02-3 GE/SW 5	yellow	4 / 3.4 mm	5	10
0560001519	CLI R 02-3 GE/SW 6	yellow	4 / 3.4 mm	6	10
0560001522	CLI R 02-3 GE/SW 7	yellow	4 / 3.4 mm	7	10
0560001525	CLI R 02-3 GE/SW 8	yellow	4 / 3.4 mm	8	10
0560001528	CLI R 02-3 GE/SW 9	yellow	4 / 3.4 mm	9	10



CableLine® – CLI C – closed wire markers

CLI R 02 Alphabetic (MulitPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0560001638	CLI R 02-3 GE/SW A	● yellow	4 / 3.4 mm	A	10
0560001640	CLI R 02-3 GE/SW B	● yellow	4 / 3.4 mm	B	10
0560001642	CLI R 02-3 GE/SW C	● yellow	4 / 3.4 mm	C	10
0560001644	CLI R 02-3 GE/SW D	● yellow	4 / 3.4 mm	D	10
0560001646	CLI R 02-3 GE/SW E	● yellow	4 / 3.4 mm	E	10
0560001648	CLI R 02-3 GE/SW F	● yellow	4 / 3.4 mm	F	10
0560001650	CLI R 02-3 GE/SW G	● yellow	4 / 3.4 mm	G	10
0560001652	CLI R 02-3 GE/SW H	● yellow	4 / 3.4 mm	H	10
0560001654	CLI R 02-3 GE/SW I	● yellow	4 / 3.4 mm	I	10
0560001656	CLI R 02-3 GE/SW J	● yellow	4 / 3.4 mm	J	10
0560001658	CLI R 02-3 GE/SW K	● yellow	4 / 3.4 mm	K	10
0560001660	CLI R 02-3 GE/SW L	● yellow	4 / 3.4 mm	L	10
0560001662	CLI R 02-3 GE/SW M	● yellow	4 / 3.4 mm	M	10
0560001664	CLI R 02-3 GE/SW N	● yellow	4 / 3.4 mm	N	10
0560001666	CLI R 02-3 GE/SW O	● yellow	4 / 3.4 mm	O	10
0560001668	CLI R 02-3 GE/SW P	● yellow	4 / 3.4 mm	P	10
0560001670	CLI R 02-3 GE/SW Q	● yellow	4 / 3.4 mm	Q	10
0560001672	CLI R 02-3 GE/SW R	● yellow	4 / 3.4 mm	R	10
0560001675	CLI R 02-3 GE/SW S	● yellow	4 / 3.4 mm	S	10
0560001678	CLI R 02-3 GE/SW T	● yellow	4 / 3.4 mm	T	10
0560001680	CLI R 02-3 GE/SW U	● yellow	4 / 3.4 mm	U	10
0560001682	CLI R 02-3 GE/SW V	● yellow	4 / 3.4 mm	V	10
0560001684	CLI R 02-3 GE/SW W	● yellow	4 / 3.4 mm	W	10
0560001693	CLI R 02-3 GE/SW X	● yellow	4 / 3.4 mm	X	10
0560001697	CLI R 02-3 GE/SW Y	● yellow	4 / 3.4 mm	Y	10
0560001699	CLI R 02-3 GE/SW Z	● yellow	4 / 3.4 mm	Z	10

CLI R 02 Special characters (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0560001738	CLI R 02-3 GE/SW +	● yellow	4 / 3.4 mm	+	10
0560001740	CLI R 02-3 GE/SW -	● yellow	4 / 3.4 mm	-	10
0560001749	CLI R 02-3 GE/SW .	● yellow	4 / 3.4 mm	.	10
0560001743	CLI R 02-3 GE/SW /	● yellow	4 / 3.4 mm	/	10

CLI R 02-3 Special characters (MultiPack)**Technical data**

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	1.3 - 3 mm	MultiPack

Ordering data

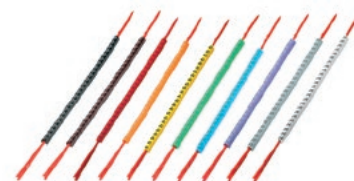
Order No.	Type	Colour	Depth / Width	Printing	Qty.
0560001739	CLI R 02-3 RT/WS +	● red	4 / 3.4 mm	+	10
0560001741	CLI R 02-3 BL/WS -	● blue	4 / 3.4 mm	-	10

**CLI R 1 International colour code (MultiPack)****Technical data**

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0572901502	CLI R 1-3 SW/WS 0	● black	5 / 4.2 mm	0	10
0572901505	CLI R 1-3 BR/WS 1	● brown	5 / 4.2 mm	1	10
0572901508	CLI R 1-3 RT/WS 2	● red	5 / 4.2 mm	2	10
0572901511	CLI R 1-3 OR/WS 3	● orange	5 / 4.2 mm	3	10
0572901515	CLI R 1-3 GE/WS 4	● yellow	5 / 4.2 mm	4	10
0572901517	CLI R 1-3 GN/WS 5	● green	5 / 4.2 mm	5	10
0572901520	CLI R 1-3 BL/WS 6	● blue	5 / 4.2 mm	6	10
0572901523	CLI R 1-3 VI/WS 7	● violet	5 / 4.2 mm	7	10
0572901526	CLI R 1-3 GR/WS 8	● grey	5 / 4.2 mm	8	10
0572901529	CLI R 1-3 WS/WS 9	○ white	5 / 4.2 mm	9	10

**CLI R 1-3 Numeric sequence (MultiPack)****Technical data**

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0572901503	CLI R 1-3 GE/WS 0	yellow	5 / 4.2 mm	0	10
0572901506	CLI R 1-3 GE/WS 1	yellow	5 / 4.2 mm	1	10
0572901509	CLI R 1-3 GE/WS 2	yellow	5 / 4.2 mm	2	10
0572901512	CLI R 1-3 GE/WS 3	yellow	5 / 4.2 mm	3	10
0572901515	CLI R 1-3 GE/WS 4	yellow	5 / 4.2 mm	4	10
0572901518	CLI R 1-3 GE/WS 5	yellow	5 / 4.2 mm	5	10
0572901521	CLI R 1-3 GE/WS 6	yellow	5 / 4.2 mm	6	10
0572901524	CLI R 1-3 GE/WS 7	yellow	5 / 4.2 mm	7	10
0572901527	CLI R 1-3 GE/WS 8	yellow	5 / 4.2 mm	8	10
0572901530	CLI R 1-3 GE/WS 9	yellow	5 / 4.2 mm	9	10



CLI R 1-3 Alphabetic (MulitPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0572901638	CLI R 1-3 GE/SW A	yellow	5 / 4.2 mm	A	10
0572901640	CLI R 1-3 GE/SW B	yellow	5 / 4.2 mm	B	10
0572901642	CLI R 1-3 GE/SW C	yellow	5 / 4.2 mm	C	10
0572901644	CLI R 1-3 GE/SW D	yellow	5 / 4.2 mm	D	10
0572901646	CLI R 1-3 GE/SW E	yellow	5 / 4.2 mm	E	10
0572901648	CLI R 1-3 GE/SW F	yellow	5 / 4.2 mm	F	10
0572901650	CLI R 1-3 GE/SW G	yellow	5 / 4.2 mm	G	10
0572901652	CLI R 1-3 GE/SW H	yellow	5 / 4.2 mm	H	10
0572901654	CLI R 1-3 GE/SW I	yellow	5 / 4.2 mm	I	10
0572901656	CLI R 1-3 GE/SW J	yellow	5 / 4.2 mm	J	10
0572901658	CLI R 1-3 GE/SW K	yellow	5 / 4.2 mm	K	10
0572901660	CLI R 1-3 GE/SW L	yellow	5 / 4.2 mm	L	10
0572901662	CLI R 1-3 GE/SW M	yellow	5 / 4.2 mm	M	10
0572901664	CLI R 1-3 GE/SW N	yellow	5 / 4.2 mm	N	10
0572901666	CLI R 1-3 GE/SW O	yellow	5 / 4.2 mm	O	10
0572901668	CLI R 1-3 GE/SW P	yellow	5 / 4.2 mm	P	10
0572901670	CLI R 1-3 GE/SW Q	yellow	5 / 4.2 mm	Q	10
0572901672	CLI R 1-3 GE/SW R	yellow	5 / 4.2 mm	R	10
0572901675	CLI R 1-3 GE/SW S	yellow	5 / 4.2 mm	S	10
0572901678	CLI R 1-3 GE/SW T	yellow	5 / 4.2 mm	T	10
0572901680	CLI R 1-3 GE/SW U	yellow	5 / 4.2 mm	U	10
0572901682	CLI R 1-3 GE/SW V	yellow	5 / 4.2 mm	V	10
0572901684	CLI R 1-3 GE/SW W	yellow	5 / 4.2 mm	W	10
0572901693	CLI R 1-3 GE/SW X	yellow	5 / 4.2 mm	X	10
0572901697	CLI R 1-3 GE/SW Y	yellow	5 / 4.2 mm	Y	10
0572901699	CLI R 1-3 GE/SW Z	yellow	5 / 4.2 mm	Z	10

CLI R 1-3 Special characters (MultiPack)

Technical data

Material	Fire class acc. to UL 94	Temperature range	Wire O.D.	Version
PVC, soft, without Cadmium	V-0	-30 °C...80 °C	2.5 - 5 mm	MultiPack

Ordering data

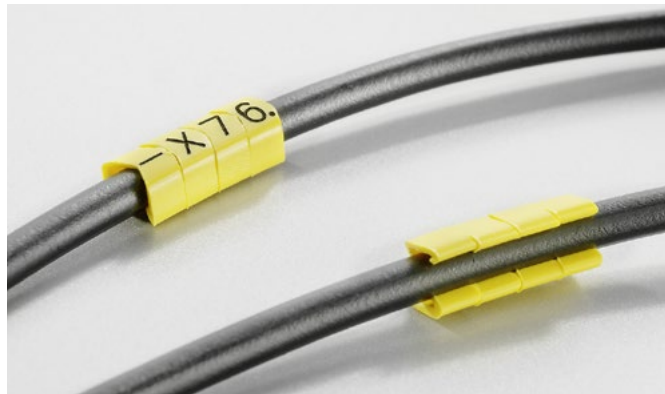
Order No.	Type	Colour	Depth / Width	Printing	Qty.
0572901738	CLI R 1-3 GE/SW +	yellow	5 / 4.2 mm	+	10
0572901740	CLI R 1-3 GE/SW -	yellow	5 / 4.2 mm	-	10
0572901749	CLI R 1-3 GE/SW .	yellow	5 / 4.2 mm	.	10
0572901743	CLI R 1-3 GE/SW /	yellow	5 / 4.2 mm	/	10
0572901745	CLI R 1-3 GE/SW ET	yellow	5 / 4.2 mm	⊥	10
0572901741	CLI R 1-3 BL/WS -	blue	5 / 4.2 mm	-	10
0572901746	CLI R 1-3 BL/WS N	blue	5 / 4.2 mm	N	10
0572901739	CLI R 1-3 RT/WS +	red	5 / 4.2 mm	+	10

CLI O – Open wire markers

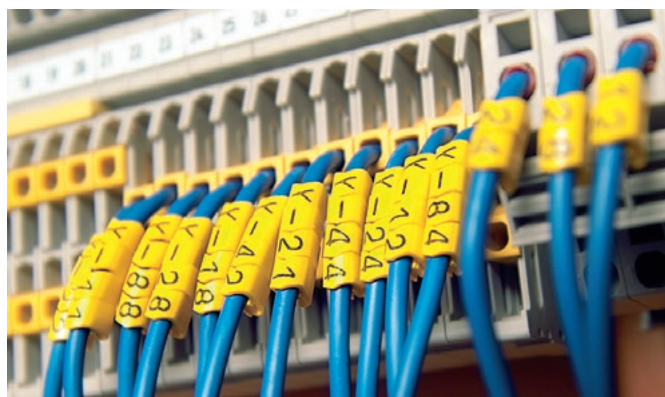
CLI O wire markers are fitted to connected wires, which makes them suitable for updating existing facilities. Three different sizes are available to mark wire cross-sections from 0.4 mm² to maximum 4.0 mm². Profile and design guarantee the secure and permanent attachment of the individually combinable markers.

Advantages:

- Open markers for connected wires
- Marker profile with anti-rotation safeguard for combination marking
- Perfect for all marking tasks of retrofitted wiring
- Extremely low space requirements
- Rapid clip-on attachment saves time



Open marker from type CLI O also allows mounting onto already connected wires.



CLI O

Version	Open markers made from hard PVC. The flexible and sturdy barbed hooks guarantee secure attachment on the wire. Standard, special prints available.
Material	Hard PVC, cadmium- and silicone-free
Temperature range	-30 °C ... 80 °C
Flammability classification	Corresponds to V0 to UL 94
Resistance	Highly resistant to oils and petrol as well as gamma and UV radiation
Printing	Laser marking

Wire cross-section

CLI O 10	0.4 mm ² – 1.5 mm ²
CLI O 20	1.5 mm ² – 3 mm ²
CLI O 30	3 mm ² – 4 mm ²

CLI C 10 Blank (MultiPack)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	2 - 3 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0689600000	CLI 0 10-3 GE NE MP	yellow	4 / 4 mm	Blank	200



CLI O 20 Blank (MultiPack)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	3 - 4 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0689700000	CLI 0 20-3 GE NE MP	yellow	5 / 5.5 mm	Blank	200



CLI O 30 Blank (MultiPack)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	4 - 5 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0689800000	CLI 0 30-3 GE NE MP	yellow	6 / 6 mm	Blank	200



CLI O 10 Custom Printing (MultiPack)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	2 - 3 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0648009999	CLI 0 10-3 SDR MP	CSP	4 / 4 mm	Custom printing	1000



CLI O 20 Custom Printing (MultiPack)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	3 - 4 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0648109999	CLI 0 20-3 SDR MP	CSP	5 / 5.5 mm	Custom printing	1000



CableLine® – CLI O – open wire markers

CLI O 30 Custom Printing (MultiPack)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	4 - 5 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0648209999	CLI O 30-3 SDR MP	CSP	6 / 6 mm	Custom printing	1000



CLI O 10 Alphabetic (MulitPack)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	2 - 3 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0648001637	CLI O 10-3 GE/SW A MP	yellow	4 / 4 mm	A	200
0648001639	CLI O 10-3 GE/SW B MP	yellow	4 / 4 mm	B	200
0648001641	CLI O 10-3 GE/SW C MP	yellow	4 / 4 mm	C	200
0648001643	CLI O 10-3 GE/SW D MP	yellow	4 / 4 mm	D	200
0648001645	CLI O 10-3 GE/SW E MP	yellow	4 / 4 mm	E	200
0648001647	CLI O 10-3 GE/SW F MP	yellow	4 / 4 mm	F	200
0648001649	CLI O 10-3 GE/SW G MP	yellow	4 / 4 mm	G	200
0648001651	CLI O 10-3 GE/SW H MP	yellow	4 / 4 mm	H	200
0648001653	CLI O 10-3 GE/SW I MP	yellow	4 / 4 mm	I	200
0648001655	CLI O 10-3 GE/SW J MP	yellow	4 / 4 mm	J	200
0648001657	CLI O 10-3 GE/SW K MP	yellow	4 / 4 mm	K	200
0648001659	CLI O 10-3 GE/SW L MP	yellow	4 / 4 mm	L	200
0648001661	CLI O 10-3 GE/SW M MP	yellow	4 / 4 mm	M	200
0648001663	CLI O 10-3 GE/SW N MP	yellow	4 / 4 mm	N	200
0648001665	CLI O 10-3 GE/SW O MP	yellow	4 / 4 mm	O	200
0648001667	CLI O 10-3 GE/SW P MP	yellow	4 / 4 mm	P	200
0648001669	CLI O 10-3 GE/SW Q MP	yellow	4 / 4 mm	Q	200
0648001671	CLI O 10-3 GE/SW R MP	yellow	4 / 4 mm	R	200
0648001673	CLI O 10-3 GE/SW S MP	yellow	4 / 4 mm	S	200
0648001676	CLI O 10-3 GE/SW T MP	yellow	4 / 4 mm	T	200
0648001679	CLI O 10-3 GE/SW U MP	yellow	4 / 4 mm	U	200
0648001681	CLI O 10-3 GE/SW V MP	yellow	4 / 4 mm	V	200
0648001683	CLI O 10-3 GE/SW W MP	yellow	4 / 4 mm	W	200
0648001687	CLI O 10-3 GE/SW X MP	yellow	4 / 4 mm	X	200
0648001696	CLI O 10-3 GE/SW Y MP	yellow	4 / 4 mm	Y	200
0648001698	CLI O 10-3 GE/SW Z MP	yellow	4 / 4 mm	Z	200



CLI O 10 Special characters (MultiPack)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	2 - 3 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0648001738	CLI O 10-3 GE/SW + MP	yellow	4 / 4 mm	+	200
0648001740	CLI O 10-3 GE/SW - MP	yellow	4 / 4 mm	-	200
0648001746	CLI O 10-3 GE/SW ET MP	yellow	4 / 4 mm	±	200
0648001699	CLI O 10-3 GE/SW Å MP	yellow	4 / 4 mm	Å	200
0648001695	CLI O 10-3 GE/SW Ö MP	yellow	4 / 4 mm	Ö	200



CLI 0 20 Numeric sequence (MultiPack)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	3 - 4 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0648101502	CLI 0 20-3 GE/SW 0 MP	● yellow	5 / 5.5 mm	0	200
0648101505	CLI 0 20-3 GE/SW 1 MP	● yellow	5 / 5.5 mm	1	200
0648101508	CLI 0 20-3 GE/SW 2 MP	● yellow	5 / 5.5 mm	2	200
0648101511	CLI 0 20-3 GE/SW 3 MP	● yellow	5 / 5.5 mm	3	200
0648101514	CLI 0 20-3 GE/SW 4 MP	● yellow	5 / 5.5 mm	4	200
0648101517	CLI 0 20-3 GE/SW 5 MP	● yellow	5 / 5.5 mm	5	200
0648101520	CLI 0 20-3 GE/SW 6 MP	● yellow	5 / 5.5 mm	6	200
0648101523	CLI 0 20-3 GE/SW 7 MP	● yellow	5 / 5.5 mm	7	200
0648101526	CLI 0 20-3 GE/SW 8 MP	● yellow	5 / 5.5 mm	8	200
0648101529	CLI 0 20-3 GE/SW 9 MP	● yellow	5 / 5.5 mm	9	200



CLI 0 20 Alphabetic (MultiPack)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	3 - 4 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0648101637	CLI 0 20-3 GE/SW A MP	yellow	5 / 5.5 mm	A	200
0648101639	CLI 0 20-3 GE/SW B MP	yellow	5 / 5.5 mm	B	200
0648101641	CLI 0 20-3 GE/SW C MP	yellow	5 / 5.5 mm	C	200
0648101643	CLI 0 20-3 GE/SW D MP	yellow	5 / 5.5 mm	D	200
0648101645	CLI 0 20-3 GE/SW E MP	yellow	5 / 5.5 mm	E	200
0648101647	CLI 0 20-3 GE/SW F MP	yellow	5 / 5.5 mm	F	200
0648101649	CLI 0 20-3 GE/SW G MP	yellow	5 / 5.5 mm	G	200
0648101651	CLI 0 20-3 GE/SW H MP	yellow	5 / 5.5 mm	H	200
0648101653	CLI 0 20-3 GE/SW I MP	yellow	5 / 5.5 mm	I	200
0648101655	CLI 0 20-3 GE/SW J MP	yellow	5 / 5.5 mm	J	200
0648101657	CLI 0 20-3 GE/SW K MP	yellow	5 / 5.5 mm	K	200
0648101659	CLI 0 20-3 GE/SW L MP	yellow	5 / 5.5 mm	L	200
0648101661	CLI 0 20-3 GE/SW M MP	yellow	5 / 5.5 mm	M	200
0648101663	CLI 0 20-3 GE/SW N MP	yellow	5 / 5.5 mm	N	200
0648101665	CLI 0 20-3 GE/SW O MP	yellow	5 / 5.5 mm	O	200
0648101667	CLI 0 20-3 GE/SW P MP	yellow	5 / 5.5 mm	P	200
0648101669	CLI 0 20-3 GE/SW Q MP	yellow	5 / 5.5 mm	Q	200
0648101671	CLI 0 20-3 GE/SW R MP	yellow	5 / 5.5 mm	R	200
0648101673	CLI 0 20-3 GE/SW S MP	yellow	5 / 5.5 mm	S	200
0648101676	CLI 0 20-3 GE/SW T MP	yellow	5 / 5.5 mm	T	200
0648101679	CLI 0 20-3 GE/SW U MP	yellow	5 / 5.5 mm	U	200
0648101681	CLI 0 20-3 GE/SW V MP	yellow	5 / 5.5 mm	V	200
0648101683	CLI 0 20-3 GE/SW W MP	yellow	5 / 5.5 mm	W	200
0648101687	CLI 0 20-3 GE/SW X MP	yellow	5 / 5.5 mm	X	200
0648101696	CLI 0 20-3 GE/SW Y MP	yellow	5 / 5.5 mm	Y	200
0648101698	CLI 0 20-3 GE/SW Z MP	yellow	5 / 5.5 mm	Z	200



CLI O 20 Special characters (MultiPack)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	3 - 4 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0648101738	CLI O 20-3 GE/SW + MP	● yellow	5 / 5.5 mm	+	200
0648101740	CLI O 20-3 GE/SW - MP	● yellow	5 / 5.5 mm	-	200
0648101697	CLI O 20-3 GE/SW Ä MP	● yellow	5 / 5.5 mm	Ä	200
0648101695	CLI O 20-3 GE/SW Ö MP	● yellow	5 / 5.5 mm	Ö	200

CLI O 30 Numeric sequence (MultiPack)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	4 - 5 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0648201502	CLI O 30-3 GE/SW 0 MP	● yellow	6 / 6 mm	0	200
0648201505	CLI O 30-3 GE/SW 1 MP	● yellow	6 / 6 mm	1	200
0648201508	CLI O 30-3 GE/SW 2 MP	● yellow	6 / 6 mm	2	200
0648201511	CLI O 30-3 GE/SW 3 MP	● yellow	6 / 6 mm	3	200
0648201514	CLI O 30-3 GE/SW 4 MP	● yellow	6 / 6 mm	4	200
0648201517	CLI O 30-3 GE/SW 5 MP	● yellow	6 / 6 mm	5	200
0648201520	CLI O 30-3 GE/SW 6 MP	● yellow	6 / 6 mm	6	200
0648201523	CLI O 30-3 GE/SW 7 MP	● yellow	6 / 6 mm	7	200
0648201526	CLI O 30-3 GE/SW 8 MP	● yellow	6 / 6 mm	8	200
0648201529	CLI O 30-3 GE/SW 9 MP	● yellow	6 / 6 mm	9	200



CLI 0 30 Alphabetic (MulitPack)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	4 - 5 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0648201637	CLI 0 30-3 GE/SW A MP	yellow	6 / 6 mm	A	200
0648201639	CLI 0 30-3 GE/SW B MP	yellow	6 / 6 mm	B	200
0648201641	CLI 0 30-3 GE/SW C MP	yellow	6 / 6 mm	C	200
0648201643	CLI 0 30-3 GE/SW D MP	yellow	6 / 6 mm	D	200
0648201645	CLI 0 30-3 GE/SW E MP	yellow	6 / 6 mm	E	200
0648201647	CLI 0 30-3 GE/SW F MP	yellow	6 / 6 mm	F	200
0648201649	CLI 0 30-3 GE/SW G MP	yellow	6 / 6 mm	G	200
0648201651	CLI 0 30-3 GE/SW H MP	yellow	6 / 6 mm	H	200
0648201653	CLI 0 30-3 GE/SW I MP	yellow	6 / 6 mm	I	200
0648201655	CLI 0 30-3 GE/SW J MP	yellow	6 / 6 mm	J	200
0648201657	CLI 0 30-3 GE/SW K MP	yellow	6 / 6 mm	K	200
0648201659	CLI 0 30-3 GE/SW L MP	yellow	6 / 6 mm	L	200
0648201661	CLI 0 30-3 GE/SW M MP	yellow	6 / 6 mm	M	200
0648201663	CLI 0 30-3 GE/SW N MP	yellow	6 / 6 mm	N	200
0648201665	CLI 0 30-3 GE/SW O MP	yellow	6 / 6 mm	O	200
0648201667	CLI 0 30-3 GE/SW P MP	yellow	6 / 6 mm	P	200
0648201669	CLI 0 30-3 GE/SW Q MP	yellow	6 / 6 mm	Q	200
0648201671	CLI 0 30-3 GE/SW R MP	yellow	6 / 6 mm	R	200
0648201673	CLI 0 30-3 GE/SW S MP	yellow	6 / 6 mm	S	200
0648201676	CLI 0 30-3 GE/SW T MP	yellow	6 / 6 mm	T	200
0648201679	CLI 0 30-3 GE/SW U MP	yellow	6 / 6 mm	U	200
0648201681	CLI 0 30-3 GE/SW V MP	yellow	6 / 6 mm	V	200
0648201683	CLI 0 30-3 GE/SW W MP	yellow	6 / 6 mm	W	200
0648201687	CLI 0 30-3 GE/SW X MP	yellow	6 / 6 mm	X	200
0648201696	CLI 0 30-3 GE/SW Y MP	yellow	6 / 6 mm	Y	200
0648201698	CLI 0 30-3 GE/SW Z MP	yellow	6 / 6 mm	Z	200

CLI 0 30 Special characters (MultiPack)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	4 - 5 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
0648201738	CLI 0 30-3 GE/SW + MP	yellow	6 / 6 mm	+	200
0648201740	CLI 0 30-3 GE/SW - MP	yellow	6 / 6 mm	-	200
0648201746	CLI 0 30-3 GE/SW ET MP	yellow	6 / 6 mm	⏏	200



CabelLine® CLI M – Cable markers and holders

CLI M identification markers simply slide onto CLI MH carrier strips and are secured by means of cable ties. CLI MH strips are available in two lengths. This system is particularly suitable for wires and cables with large cross-sections.

Advantages:

- Combination markers for marking cables and conduits
- One size for all diameters from 16 mm²
- Unrestricted combination options
- Closed, captive marking
- Very good legibility



Markers from type CLI M are pushed onto holding strips of type CLI MH and finally mounted with cable ties.



CLI MH

Version	CLI MH carrier strips for CLI M markers are available in lengths of 70 and 110 mm for 10 or 20 CLI M markers respectively. They are attached using one or two cable ties.
Material	PA 6.6
Temperature range	-30 °C ... 80 °C
Flammability classification	Corresponds to V2 to UL 94
Resistance	Highly resistant to oils and petrol as well as gamma and UV radiation
Printing	Maximum 6.2 mm

CLI M

Version	Closed, oval combination markers. The markers are slid onto CLI MH holders and secured by means of cable ties. Standard, special and international colour-code compliant prints available.
Material	Soft PVC, cadmium- and silicone-free
Temperature range	-30 °C ... 80 °C
Flammability classification	Corresponds to V0 to UL 94
Resistance	Highly resistant to oils and petrol as well as gamma and UV radiation
Printing	Laser marking

Wire cross-section

CLI M 2	16 mm ² – 500 mm ²
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CLI M 2 Blank (on loop)**Technical data**

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	10 - 317 mm	Loop

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1886531687	CLI M 2-25Q GE NE SG	yellow	3 / 11.4 mm	Blank	1000
1886541687	CLI M 2-40Q GE NE SG	yellow	3 / 11.4 mm	Blank	500

**CLI M 2 Blank (CD)****Technical data**

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	10 - 317 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568300001	CLI M 2-4 GE NE CD	yellow	3 / 11.4 mm	Blank	500

**CLI M 2 Blank (MultiPack)****Technical data**

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	10 - 317 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1733650004	CLI M 2-4 GE NE MP	yellow	3 / 11.4 mm	Blank	100

**CLI M Custom Printing (on loop)****Technical data**

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	10 - 317 mm	Loop

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1912830000	CLI M 2-4 SDR SG	yellow	3 / 11.4 mm	Custom printing	100
1912840000	CLI M 2-6 SDR SG	yellow	3 / 11.4 mm	Custom printing	100
1873440000	CLI M 2-9 SDR SG	yellow	3 / 11.4 mm	Custom printing	100
1873450000	CLI M 2-12 SDR SG	yellow	3 / 11.4 mm	Custom printing	100
1899260000	CLI M 2-15 SDR SG	yellow	3 / 11.4 mm	Custom printing	100
1899230000	CLI M 2-18 SDR SG	yellow	3 / 11.4 mm	Custom printing	100
1873460000	CLI M 2-21 SDR SG	yellow	3 / 11.4 mm	Custom printing	100
1912860000	CLI M 2-24 SDR SG	yellow	3 / 11.4 mm	Custom printing	100
1579500000	CLI M 2-25Q SDR SG	yellow	3 / 11.4 mm	Custom printing	100
1912870000	CLI M 2-27 SDR SG	yellow	3 / 11.4 mm	Custom printing	100
1912880000	CLI M 2-30 SDR SG	yellow	3 / 11.4 mm	Custom printing	100
1912920000	CLI M 2-33 SDR SG	yellow	3 / 11.4 mm	Custom printing	100
1912950000	CLI M 2-36 SDR SG	yellow	3 / 11.4 mm	Custom printing	100
1912960000	CLI M 2-39 SDR SG	yellow	3 / 11.4 mm	Custom printing	100
1634790000	CLI M 2-40Q SDR SG	yellow	3 / 11.4 mm	Custom printing	100



CLI M Custom Printing (CD)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	10 - 317 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568309999	CLI M 2-4 SDR CD	yellow	3 / 11.4 mm	Custom printing	500
1871789999	CLI M 2-6 SDR CD	yellow	3 / 11.4 mm	Custom printing	250
1899250000	CLI M 2-9 SDR CD	yellow	3 / 11.4 mm	Custom printing	200



CLI M 2-4 International color code (MultiPack)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	10 - 317 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1733651503	CLI M 2-4 SW/WS 0 MP	black	3 / 11.3 mm	0	100
1733651506	CLI M 2-4 BR/WS 1 MP	brown	3 / 11.3 mm	1	100
1733651509	CLI M 2-4 RT/WS 2 MP	red	3 / 11.3 mm	2	100
1733651512	CLI M 2-4 OR/SW 3 MP	orange	3 / 11.3 mm	3	100
1733651514	CLI M 2-4 GE/SW 4 MP	yellow	3 / 11.3 mm	4	100
1733651518	CLI M 2-4 GN/WS 5 MP	green	3 / 11.3 mm	5	100
1733651521	CLI M 2-4 BL/WS 6 MP	blue	3 / 11.3 mm	6	100
1733651524	CLI M 2-4 VI/WS 7 MP	violet	3 / 11.3 mm	7	100
1733651527	CLI M 2-4 GR/SW 8 MP	grey	3 / 11.3 mm	8	100
1733651530	CLI M 2-4 WS/SW 9 MP	white	3 / 11.3 mm	9	100



CLI M 2-4 Special characters (MultiPack)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	10 - 317 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1733651742	CLI M 2-4 GE/SW / MP	yellow	3 / 11.3 mm	/	100
1733651738	CLI M 2-4 GE/SW + MP	yellow	3 / 11.3 mm	+	100
1733651740	CLI M 2-4 GE/SW - MP	yellow	3 / 11.3 mm	-	100
1733651748	CLI M 2-4 GE/SW . MP	yellow	3 / 11.3 mm	.	100
1733651750	CLI M 2-4 GE/SW : MP	yellow	3 / 11.3 mm	:	100
1733651751	CLI M 2-4 GE/SW = MP	yellow	3 / 11.3 mm	=	100
1733651752	CLI M 2-4 GE/SW AC MP	yellow	3 / 11.3 mm	AC	100
1733651746	CLI M 2-4 GE/SW ET MP	yellow	3 / 11.3 mm	±	100
1733651747	CLI M 2-4 GE/SW PET. MP	yellow	3 / 11.3 mm	⊕	100
1733651697	CLI M 2-4 GE/SW Å MP	yellow	3 / 11.3 mm	Å	100
1733651699	CLI M 2-4 GE/SW Å MP	yellow	3 / 11.3 mm	Å	100
1733651695	CLI M 2-4 GE/SW Ö MP	yellow	3 / 11.3 mm	Ö	100



CLI M 2-4 Numeric sequence (MultiPack)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	10 - 317 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1733651514	CLI M 2-4 GE/SW 4 MP	yellow	3 / 11.3 mm	4	100
1733651502	CLI M 2-4 GE/SW 0 MP	yellow	3 / 11.3 mm	0	100
1733651505	CLI M 2-4 GE/SW 1 MP	yellow	3 / 11.3 mm	1	100
1733651508	CLI M 2-4 GE/SW 2 MP	yellow	3 / 11.3 mm	2	100
1733651511	CLI M 2-4 GE/SW 3 MP	yellow	3 / 11.3 mm	3	100
1733651517	CLI M 2-4 GE/SW 5 MP	yellow	3 / 11.3 mm	5	100
1733651520	CLI M 2-4 GE/SW 6 MP	yellow	3 / 11.3 mm	6	100
1733651523	CLI M 2-4 GE/SW 7 MP	yellow	3 / 11.3 mm	7	100
1733651526	CLI M 2-4 GE/SW 8 MP	yellow	3 / 11.3 mm	8	100
1733651529	CLI M 2-4 GE/SW 9 MP	yellow	3 / 11.3 mm	9	100



CLI M 2-4 Alphabetic (MultiPack)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	10 - 317 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1733651637	CLI M 2-4 GE/SW A MP	yellow	3 / 11.3 mm	A	100
1733651639	CLI M 2-4 GE/SW B MP	yellow	3 / 11.3 mm	B	100
1733651641	CLI M 2-4 GE/SW C MP	yellow	3 / 11.3 mm	C	100
1733651643	CLI M 2-4 GE/SW D MP	yellow	3 / 11.3 mm	D	100
1733651645	CLI M 2-4 GE/SW E MP	yellow	3 / 11.3 mm	E	100
1733651647	CLI M 2-4 GE/SW F MP	yellow	3 / 11.3 mm	F	100
1733651649	CLI M 2-4 GE/SW G MP	yellow	3 / 11.3 mm	G	100
1733651651	CLI M 2-4 GE/SW H MP	yellow	3 / 11.3 mm	H	100
1733651653	CLI M 2-4 GE/SW I MP	yellow	3 / 11.3 mm	I	100
1733651655	CLI M 2-4 GE/SW J MP	yellow	3 / 11.3 mm	J	100
1733651657	CLI M 2-4 GE/SW K MP	yellow	3 / 11.3 mm	K	100
1733651659	CLI M 2-4 GE/SW L MP	yellow	3 / 11.3 mm	L	100
1733651661	CLI M 2-4 GE/SW M MP	yellow	3 / 11.3 mm	M	100
1733651663	CLI M 2-4 GE/SW N MP	yellow	3 / 11.3 mm	N	100
1733651665	CLI M 2-4 GE/SW O MP	yellow	3 / 11.3 mm	O	100
1733651667	CLI M 2-4 GE/SW P MP	yellow	3 / 11.3 mm	P	100
1733651669	CLI M 2-4 GE/SW Q MP	yellow	3 / 11.3 mm	Q	100
1733651671	CLI M 2-4 GE/SW R MP	yellow	3 / 11.3 mm	R	100
1733651673	CLI M 2-4 GE/SW S MP	yellow	3 / 11.3 mm	S	100
1733651676	CLI M 2-4 GE/SW T MP	yellow	3 / 11.3 mm	T	100
1733651679	CLI M 2-4 GE/SW U MP	yellow	3 / 11.3 mm	U	100
1733651681	CLI M 2-4 GE/SW V MP	yellow	3 / 11.3 mm	V	100
1733651683	CLI M 2-4 GE/SW W MP	yellow	3 / 11.3 mm	W	100
1733651687	CLI M 2-4 GE/SW X MP	yellow	3 / 11.3 mm	X	100
1733651696	CLI M 2-4 GE/SW Y MP	yellow	3 / 11.3 mm	Y	100
1733651698	CLI M 2-4 GE/SW Z MP	yellow	3 / 11.3 mm	Z	100



CLI M 2-4 International colour code (CD)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	10 - 317 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568301503	CLI M 2-4 SW/WS 0 CD	● black	3 / 11.3 mm	0	500
1568301506	CLI M 2-4 BR/WS 1 CD	● brown	3 / 11.3 mm	1	500
1568301509	CLI M 2-4 RT/WS 2 CD	● red	3 / 11.3 mm	2	500
1568301512	CLI M 2-4 OR/SW 3 CD	● orange	3 / 11.3 mm	3	500
1568301514	CLI M 2-4 GE/SW 4 CD	● yellow	3 / 11.3 mm	4	500
1568301518	CLI M 2-4 GN/WS 5 CD	● green	3 / 11.3 mm	5	500
1568301521	CLI M 2-4 BL/WS 6 CD	● blue	3 / 11.3 mm	6	500
1568301524	CLI M 2-4 VI/WS 7 CD	● violet	3 / 11.3 mm	7	500
1568301527	CLI M 2-4 GR/SW 8 CD	● grey	3 / 11.3 mm	8	500
1568301530	CLI M 2-4 WS/SW 9 CD	○ white	3 / 11.3 mm	9	500



CLOI M 2-4 Special characters (CD)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	10 - 317 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568301742	CLI M 2-4 GE/SW / CD	● yellow	3 / 11.3 mm	/	500
1568301738	CLI M 2-4 GE/SW + CD	● yellow	3 / 11.3 mm	+	500
1568301740	CLI M 2-4 GE/SW - CD	● yellow	3 / 11.3 mm	-	500
1568301748	CLI M 2-4 GE/SW . CD	● yellow	3 / 11.3 mm	.	500
1568301750	CLI M 2-4 GE/SW : CD	● yellow	3 / 11.3 mm	:	500
1568301751	CLI M 2-4 GE/SW = CD	● yellow	3 / 11.3 mm	=	500
1568301752	CLI M 2-4 GE/SW AC CD	● yellow	3 / 11.3 mm	AC	500
1568301746	CLI M 2-4 GE/SW ET CD	● yellow	3 / 11.3 mm	⊥	500
1568301747	CLI M 2-4 GE/SW PET. CD	● yellow	3 / 11.3 mm	⊕	500
1568301694	CLI M 2-4 GE/SW Å CD	● yellow	3 / 11.3 mm	Å	500
1568301699	CLI M 2-4 GE/SW A CD	● yellow	3 / 11.3 mm	Ä	500
1568301735	CLI M 2-4 GE/SW Æ CD	● yellow	3 / 11.3 mm	Æ	500
1568301695	CLI M 2-4 GE/SW Ö CD	● yellow	3 / 11.3 mm	Ö	500
1568301736	CLI M 2-4 GE/SW Ø CD	● yellow	3 / 11.3 mm	Ø	500
1568301741	CLI M 2-4 BL/WS - CD	● blue	3 / 11.3 mm	-	500



CLI M 2-4 Numeric sequence (CD)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	10 - 317 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568301000	CLI M 2-4 WS/SW 0 CD	white	3 / 11.3 mm	0	500
1568301502	CLI M 2-4 GE/SW 0 CD	yellow	3 / 11.3 mm	0	500
1568301697	CLI M 2-4 WS/SW 1 CD	white	3 / 11.3 mm	1	500
1568301505	CLI M 2-4 GE/SW 1 CD	yellow	3 / 11.3 mm	1	500
1568301514	CLI M 2-4 GE/SW 4 CD	yellow	3 / 11.3 mm	4	500
1568300002	CLI M 2-4 WS/SW 2 CD	white	3 / 11.3 mm	2	500
1568301508	CLI M 2-4 GE/SW 2 CD	yellow	3 / 11.3 mm	2	500
1568300003	CLI M 2-4 WS/SW 3 CD	white	3 / 11.3 mm	3	500
1568301511	CLI M 2-4 GE/SW 3 CD	yellow	3 / 11.3 mm	3	500
1568300004	CLI M 2-4 WS/SW 4 CD	white	3 / 11.3 mm	4	500
1568301530	CLI M 2-4 WS/SW 9 CD	white	3 / 11.3 mm	9	500
1568300005	CLI M 2-4 WS/SW 5 CD	white	3 / 11.3 mm	5	500
1568301517	CLI M 2-4 GE/SW 5 CD	yellow	3 / 11.3 mm	5	500
1568300006	CLI M 2-4 WS/SW 6 CD	white	3 / 11.3 mm	6	500
1568301520	CLI M 2-4 GE/SW 6 CD	yellow	3 / 11.3 mm	6	500
1568300007	CLI M 2-4 WS/SW 7 CD	white	3 / 11.3 mm	7	500
1568301523	CLI M 2-4 GE/SW 7 CD	yellow	3 / 11.3 mm	7	500
1568300008	CLI M 2-4 WS/SW 8 CD	white	3 / 11.3 mm	8	500
1568301526	CLI M 2-4 GE/SW 8 CD	yellow	3 / 11.3 mm	8	500
1568301529	CLI M 2-4 GE/SW 9 CD	yellow	3 / 11.3 mm	9	500

CLI M 2-4 Alphabetic (CD)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	10 - 317 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1568301637	CLI M 2-4 GE/SW A CD	yellow	3 / 11.3 mm	A	500
1568301639	CLI M 2-4 GE/SW B CD	yellow	3 / 11.3 mm	B	500
1568301641	CLI M 2-4 GE/SW C CD	yellow	3 / 11.3 mm	C	500
1568301643	CLI M 2-4 GE/SW D CD	yellow	3 / 11.3 mm	D	500
1568301645	CLI M 2-4 GE/SW E CD	yellow	3 / 11.3 mm	E	500
1568301647	CLI M 2-4 GE/SW F CD	yellow	3 / 11.3 mm	F	500
1568301649	CLI M 2-4 GE/SW G CD	yellow	3 / 11.3 mm	G	500
1568301651	CLI M 2-4 GE/SW H CD	yellow	3 / 11.3 mm	H	500
1568301653	CLI M 2-4 GE/SW I CD	yellow	3 / 11.3 mm	I	500
1568301655	CLI M 2-4 GE/SW J CD	yellow	3 / 11.3 mm	J	500
1568301657	CLI M 2-4 GE/SW K CD	yellow	3 / 11.3 mm	K	500
1568301659	CLI M 2-4 GE/SW L CD	yellow	3 / 11.3 mm	L	500
1568301661	CLI M 2-4 GE/SW M CD	yellow	3 / 11.3 mm	M	500
1568301663	CLI M 2-4 GE/SW N CD	yellow	3 / 11.3 mm	N	500
1568301665	CLI M 2-4 GE/SW O CD	yellow	3 / 11.3 mm	O	500
1568301667	CLI M 2-4 GE/SW P CD	yellow	3 / 11.3 mm	P	500
1568301669	CLI M 2-4 GE/SW Q CD	yellow	3 / 11.3 mm	Q	500
1568301671	CLI M 2-4 GE/SW R CD	yellow	3 / 11.3 mm	R	500
1568301673	CLI M 2-4 GE/SW S CD	yellow	3 / 11.3 mm	S	500
1568301676	CLI M 2-4 GE/SW T CD	yellow	3 / 11.3 mm	T	500
1568301679	CLI M 2-4 GE/SW U CD	yellow	3 / 11.3 mm	U	500
1568301681	CLI M 2-4 GE/SW V CD	yellow	3 / 11.3 mm	V	500
1568301683	CLI M 2-4 GE/SW W CD	yellow	3 / 11.3 mm	W	500
1568301687	CLI M 2-4 GE/SW X CD	yellow	3 / 11.3 mm	X	500
1568301696	CLI M 2-4 GE/SW Y CD	yellow	3 / 11.3 mm	Y	500
1568301698	CLI M 2-4 GE/SW Z CD	yellow	3 / 11.3 mm	Z	500



CLI M 2-6 Special characters (CD)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	10 - 317 mm	CD

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1871781728	CLI M 2-6 GE/SW L1 CD	yellow	3 / 11.3 mm	L1	250
1871781729	CLI M 2-6 GE/SW L2 CD	yellow	3 / 11.3 mm	L2	250
1871781730	CLI M 2-6 GE/SW L3 CD	yellow	3 / 11.3 mm	L3	250



CLI M 2-6 Special characters (MultiPack)

Technical data

Material	Temperature range	Fire class acc. to UL 94	Wire O.D.	Version
PVC, soft, without Cadmium	-30 °C...80 °C	V-0	10 - 317 mm	MultiPack

Ordering data

Order No.	Type	Colour	Depth / Width	Printing	Qty.
1871751728	CLI M 2-6 GE/SW L1 MP	yellow	3 / 11.3 mm	L1	100
1871751729	CLI M 2-6 GE/SW L2 MP	yellow	3 / 11.3 mm	L2	100
1871751730	CLI M 2-6 GE/SW L3 MP	yellow	3 / 11.3 mm	L3	100



CLI RH

Holder for fitting CLI R 02 (red) or CLI R 1 (blue) mounting mandrels

Technical data

Material
Polyamide

Ordering data

Order No.	Type	Colour	Depth / Width	Qty.
0563700000	CLI RH 20-02 CLI R 02	red	28 / 55 mm	1
0563600000	CLI RH 20-10 CLI R 10	blue	28 / 55 mm	1



CLI R

The CLI R mounting mandrels are ideal for applying CLI C markers to conductors.

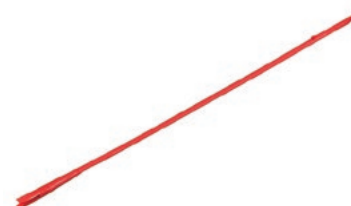
- CLI R 02 for CLI C 02-3
- CLI R 1 for CLI C 1-3

Technical data

Material
POM

Ordering data

Order No.	Type	Colour	Depth / Width	Qty.
0559900000	CLI R 02 F. CLI C 02-3	red	1.5 / 2 mm	20
0532100000	CLI R 1 F. CLI C 1-3	blue	2 / 2.5 mm	20



CLI RS

The CLI RS metal mounting mandrels are ideal for applying CLI RS markers to conductors.

- CLI RS 3 for CLI C 02
- CLI RS 4 for CLI C 02 and CLI C 1 (max. Ø 4.2mm)
- CLI RS 5 for CLI C 1 (max. Ø 5mm)

Technical data

Material
Steel

Ordering data

Order No.	Type	Colour	Depth / Width	Qty.
0559200000	CLI RS 3 MDCLI C 02	● silver	3 / 3 mm	1
0559300000	CLI RS 4 MDCLI C1+02	● silver	4 / 4 mm	1
0648300000	CLI RS 5 MDCLI C 1	● silver	5 / 5 mm	1



Holders for CLI M markers

The CLI MH holder strip for CLI M markers is available in lengths of 70 and 100 mm for 10, respectively 20 CLI M 2-4. Held in place with one or two cable ties.

Technical data

Material
Polyamide 66

Ordering data

Order No.	Type	Colour	Depth / Width	Qty.
0189400000	CLI MH 110 HSTR	● black	3 / 11.3 mm	100
0524400000	CLI MH 70 HSTR	● black	3 / 11.3 mm	100



WSK

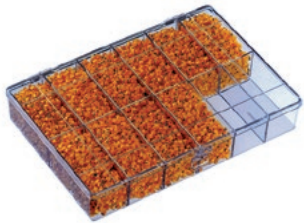
Assortment box with 12 compartments for placing CLI markers.
WSK 12 (0336000000) is filled with CLI C 1-3 GE printed from von 0 to 9.

Technical data

Material
Polystyrene

Ordering data

Order No.	Type	Colour	Depth / Width	Qty.
0335900000	WSK 12 , LEER	Transparent	40 / 185 mm	1
0336000000	WSK 12 M. CLI C 1-3 GE/SW BEZ.0-9/+/-	orange	185 mm	1



CLI CD box

Steel cassette for holding CLI-CDs

- 25 CLI-CDs with CLI C 02-3
- 21 CLI-CDs with CLI C 1-3
- 14 CLI-CDs with CLI C 2-4
- 11 CLI-CDs with CLI M 2-4

Technical data

Material
Sheet steel

Ordering data

Order No.	Type	Colour	Depth / Width	Qty.
1763290000	CLI CD-BOX	white	160 mm	1



WSM – Stainless steel markers

WSM is a complete marking system for cables, wires, conduits and components. It offers markings that last in conditions that no other markers can withstand. The range consists of stainless steel character tiles, holders and cable ties – available separately or complete in the WSM Set and Service Box.

Advantages:

- Durable, embossed characters for optimum legibility
- Resistant to heat, cold, corrosion, acids, chemicals, fire and more
- Individual and multi-character markings can also be combined
- Rapid attachment
- Ideal for outdoor applications
- Easy attachment with cable ties

Contents of WSM Service Box:

Character tiles

40 each of

0-9, A-Ö, +, -, x, /, :, ., ~, =, ü, g, neutral.

Cable ties

200 cable ties 200 mm

Stainless steel holders

30 pieces each of 48 mm and 60 mm,

20 pieces of 84 mm

10 pieces of 108 mm and 288 mm



WSM

Version	Marker holders designed with raised profiles at both ends to ensure the cable ties slide through easily. Individual or combined, the single marker plates are inserted into the holder. Special printing available.
Material	Acid-resistant stainless steel grade SS 2348 (AISI-316)
Temperature range	-80 °C ... 500 °C
Resistance	Fireproof. Resistant to heat, cold, corrosion, acids, chemical substances, and so forth.
Printing	High-quality embossed. Alphanumeric and special characters
Fixing accessories	Stainless steel cable ties with ball-bearing lock

WSM small plates

Technical data

Material	Temperature range	Width
Stainless steel 1.4404	500 °C	9.9 mm

Ordering data

Order No.	Type	Colour	Depth	Printing	Qty.
1712501000	WSM 10 0	silver	0.3 mm	0	200
1712500001	WSM 10 1	silver	0.3 mm	1	200
1712500002	WSM 10 2	silver	0.3 mm	2	200
1712500003	WSM 10 3	silver	0.3 mm	3	200
1712500004	WSM 10 4	silver	0.3 mm	4	200
1712500005	WSM 10 5	silver	0.3 mm	5	200
1712500006	WSM 10 6	silver	0.3 mm	6	200
1712500007	WSM 10 7	silver	0.3 mm	7	200
1712500008	WSM 10 8	silver	0.3 mm	8	200
1712500009	WSM 10 9	silver	0.3 mm	9	200
1712501637	WSM 10 A	silver	0.3 mm	A	200
1712501639	WSM 10 B	silver	0.3 mm	B	200
1712501641	WSM 10 C	silver	0.3 mm	C	200
1712501643	WSM 10 D	silver	0.3 mm	D	200
1712501645	WSM 10 E	silver	0.3 mm	E	200
1712501647	WSM 10 F	silver	0.3 mm	F	200
1712501649	WSM 10 G	silver	0.3 mm	G	200
1712501651	WSM 10 H	silver	0.3 mm	H	200
1712501653	WSM 10 I	silver	0.3 mm	I	200
1712501655	WSM 10 J	silver	0.3 mm	J	200
1712501657	WSM 10 K	silver	0.3 mm	K	200
1712501659	WSM 10 L	silver	0.3 mm	L	200
1712501661	WSM 10 M	silver	0.3 mm	M	200
1712501663	WSM 10 N	silver	0.3 mm	N	200
1712501665	WSM 10 O	silver	0.3 mm	O	200
1712501667	WSM 10 P	silver	0.3 mm	P	200
1712501669	WSM 10 Q	silver	0.3 mm	Q	200
1712501671	WSM 10 R	silver	0.3 mm	R	200
1712501673	WSM 10 S	silver	0.3 mm	S	200
1712501676	WSM 10 T	silver	0.3 mm	T	200
1712501679	WSM 10 U	silver	0.3 mm	U	200
1712501681	WSM 10 V	silver	0.3 mm	V	200
1712501683	WSM 10 W	silver	0.3 mm	W	200
1712501687	WSM 10 X	silver	0.3 mm	X	200
1712501696	WSM 10 Y	silver	0.3 mm	Y	200
1712501698	WSM 10 Z	silver	0.3 mm	Z	200
1712501738	WSM 10 +	silver	0.3 mm	+	200
1712501740	WSM 10 -	silver	0.3 mm	-	200
1712501743	WSM 10 .	silver	0.3 mm	.	200
1712501739	WSM 10 /	silver	0.3 mm	/	200
1712501741	WSM 10 :	silver	0.3 mm	:	200
1712501742	WSM 10 =	silver	0.3 mm	=	200
1924930000	WSM SERVICE BOX KOMP.	silver	109 mm	see text	1



WSM – stainless steel markers

WSM holder

Technical data

Material	Temperature range	Width
Stainless steel 1.4404	250 °C	11

Ordering data

Order No.	Type		Colour	Depth	Number of characters	Qty.
1774500000	WSMH 48MM	●	silver	0.3 mm	6	50
1774510000	WSMH 60MM	●	silver	0.3 mm	8	50
1774520000	WSMH 84MM	●	silver	0.3 mm	12	50
1774530000	WSMH 108MM	●	silver	0.3 mm	16	50
1002680000	WSMH 176MM	●	silver	0.3 mm	28	50
1774490000	WSMH 288MM	●	silver	0.3 mm	46	50



WSM holder custom printing

Technical data

Material	Temperature range	Width
Stainless steel 1.4404	500 °C	10

Ordering data

Order No.	Type		Colour	Depth	Number of characters	Qty.
1912170000	WSMC 1-5	●	silver	0.5 mm	5	100
1891680000	WSMC 6-10	●	silver	0.5 mm	10	1
1891670000	WSMC 11-15	●	silver	0.5 mm	15	1
1912140000	WSMC 16-20	●	silver	0.5 mm	20	1
1912150000	WSMC 21-25	●	silver	0.5 mm	25	1
1912160000	WSMC 26-30	●	silver	0.5 mm	30	1

Labels – standard print

Symbol Pack

Technical data

Material	Adhesive	Fire class acc. to UL 94	Temperature range	Colour
Acrylic-coated fibre webbing	Permanent acrylic copolymer		-45 °C...80 °C	yellow

Ordering data

Order No.	Type	Number	Width / Height	Printing	Qty.
1741090000	SYMBOL-P. 25X25X25 B/DR	12	25 / 25 mm		120
1741100000	SYMBOL-P. 50X50X50 B/DR	4	50 / 50 mm		40
1741110000	SYMBOL-P. 75X75X75 B/DR	2	75 / 75 mm		20



Service Pack

Technical data

Material	Adhesive	Fire class acc. to UL 94	Temperature range	Colour
Acrylic-coated fibre webbing	Permanent acrylic copolymer		-45 °C...80 °C	black

Ordering data

Order No.	Type	Number	Width / Height	Printing	Qty.
1707350001	SERV-P. DIAM16 L1 SW/WS	20	16 / 16 mm	L1	200
1707350002	SERV-P. DIAM16 L2 SW/WS	20	16 / 16 mm	L2	200
1707350003	SERV-P. DIAM16 L3 SW/WS	20	16 / 16 mm	L3	200
1707350004	SERV-P. DIAM16 N BL/WS	20	16 / 16 mm	N	200
1707350006	SERV-P. DIAM16 PE GE/GN	20	16 / 16 mm	PE	200
1707350005	SERV-P. DIAM16 ERDE GE/GN	20	16 / 16 mm		200



Marko Cards

Technical data

Material	Adhesive	Fire class acc. to UL 94	Temperature range	Colour
Acrylic-coated fibre webbing	Permanent acrylic copolymer		-29 °C...80 °C	yellow

Ordering data

Order No.	Type	Number	Width / Height	Printing	Qty.
1700530001	MARKO-C. 25X25X25 B/DR.		25 / 25 mm		140
1700540001	MARKO-C. 50X50X50 B/DR.		50 / 50 mm		70
1700550001	MARKO-C. 100X100X100 B/DR		100 / 100 mm		30
1700560001	MARKO-C. 200X200X200 B/DR		200 / 200 mm		10



PageTab

Technical data

Material	Adhesive	Fire class acc. to UL 94	Temperature range	Colour
Acrylic-coated fibre webbing	Permanent acrylic copolymer		-29 °C...93 °C	yellow

Ordering data

Order No.	Type	Number	Width / Height	Printing	Qty.
1686160000	PAGETAB 15/9	310	15 / 9 mm	Neutral	7750
1686170000	PAGETAB 19/11	200	19 / 11 mm	Neutral	5000
1686180000	PAGETAB 20/8	280	20 / 8 mm	Neutral	7000
1686190000	PAGETAB 28/11	125	28 / 11 mm	Neutral	3125
1686200000	PAGETAB 38/11	100	38 / 11 mm	Neutral	2500
1686210000	PAGETAB 56/22	24	56 / 22 mm	Neutral	600
1686220000	PAGETAB 60/35	16	60 / 35 mm	Neutral	400



TABPACK FLAG bag

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive
Cotton fabric	-29 °C...80 °C	V-0	Natural rubber adhesive

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
1107340000	TABPACK FLAG 54/8 WS	white	8 mm	54 mm	120



TABPACK

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive
Acrylic-coated fibre webbing	-29 °C...80 °C		Permanent acrylic copolymer

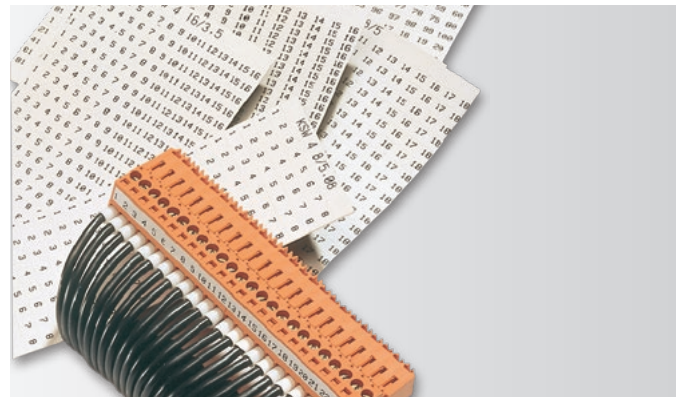
Ordering data

Order No.	Type	Colour	Height	Width	Qty.
1686110000	TABPACK 14X9	yellow	9 mm	14 mm	840
1686120000	TABPACK 15X6	yellow	6 mm	15 mm	1000
1686130000	TABPACK 19X11 M. RAND	yellow	11 mm	19 mm	440
1686140000	TABPACK 21X8	yellow	8 mm	21 mm	620



E

Two orange, box-like machines are shown side-by-side. The machine on the left is labeled 'THM MultiMark' and the one on the right is labeled 'THM MultiMark PLUS'. Both machines have a small rectangular window on the front left side.



Technical data

E.58 **Weidmüller** 

KSW 2.5 and KSW 4 neutral**Technical data**

Material	Colour	Adhesive
Polyester, PVC-free	white	Acrylate

Ordering data

Order No.	Type	Pitch in mm	Printing	Qty.
1812660000	KSW 2.5 EL WS 50M	2.50 mm	Neutral	50
1812670000	KSW 4.0 EL WS 50M	4.00 mm	Neutral	50

KSW 2.5 und KSW 4 custom printing**Technical data**

Material	Colour	Adhesive
Polyester, PVC-free	white	Acrylate

Ordering data

Order No.	Type	Pitch in mm	Printing	Qty.
1629900000	KSW 2.5 < 50MM SDR	2.50 mm	Custom printing	1
1629920000	KSW 2,5 < 100MM SONDDR.	2.50 mm	Custom printing	1
1629940000	KSW 2,5 < 150MM SONDDR.	2.50 mm	Custom printing	1
1629910000	KSW 4 < 50MM SDR	50.00 mm	Custom printing	1
1629930000	KSW 4 < 100MM SDR	100.00 mm	Custom printing	1
1629950000	KSW 4 < 150MM SONDDR.	150.00 mm	Custom printing	1

KSW 2.5 and KSW 4 standard printing**Technical data**

Material	Colour	Adhesive
Polyester, PVC-free	white	Acrylate

Ordering data

Order No.	Type	Pitch in mm	Printing	Qty.
1630100001	KSW 2,5 8/5,08 1-8	5.08 mm	1 - 8	10
1630100009	KSW 2,5 8/5,08 9-16	5.08 mm	9 - 16	10
1652250001	KSW 2,5 24/3,5 1-24	3.50 mm	1 - 24	10
1705820001	KSW 4 10/5,08 W 1-10	5.08 mm	1 - 10	10
1630150001	KSW 4 16/3,5 1-16	3.50 mm	1 - 16	10
1630160001	KSW 4 16/5,08 1-16	5.08 mm	1 - 16	10
1630160017	KSW 4 16/5,08 17-32	5.08 mm	17 - 32	10
1630200001	KSW 4 8/5,08 1-8	5.08 mm	1 - 8	10
1630180001	KSW 4 24/5,08 1-24	5.08 mm	1 - 24	10

Accessories

Accessories	Tag carriers	F.2
	Transparent sleeves	F.10
	WKM - transparent sleeve for cable tie installation	F.16
	Tag rails - identification for side-by-side devices	F.20
	Cable ties	F.24

Tag carriers

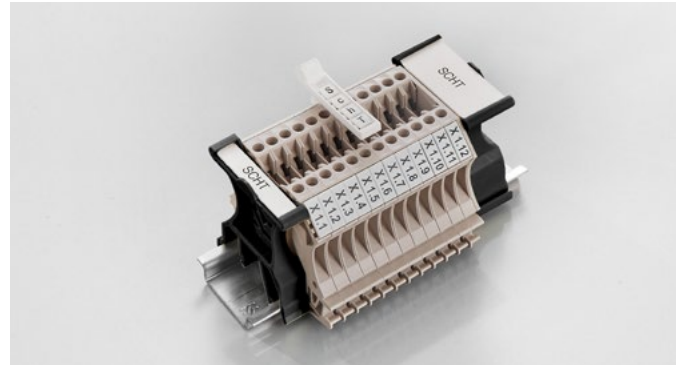
Compact modules for complex systems

Simple identification of component assemblies and terminal blocks

Tag carriers, in combination with the different Weidmüller terminal markers, deliver quick and efficient solutions for labelling of component assemblies and terminal blocks. Available to you, for every solution, is a suitable tag carrier that is tailored according to your needs and matched to the MultiCard product line.

Weidmüller tag carrier – the benefits to you

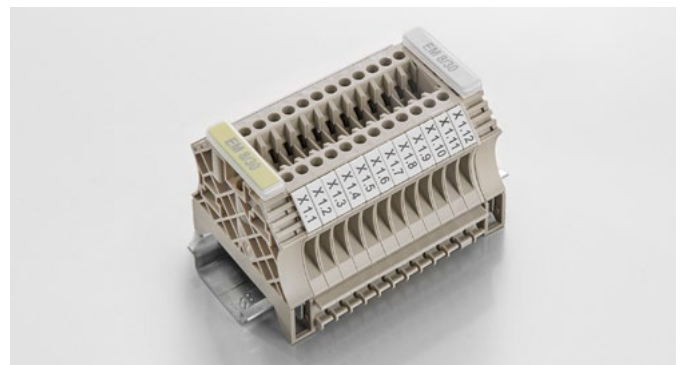
- Charge marking surface
- Protection against environmental influences
- Flexible folding mechanism
- Clear identification of assemblies
- Universal use on Grail and Top-hat rail



The group tag carrier SCHT 5 / SCHT 5 S can be directly snapped into the DIN rail TS 32 (G-rail) or the TS 35 (top-hat rail).



The ZGB 15 / ZGB 30 is a pivoting group tag carrier.



High level of protection for the labels against outside influences: The pouch of the EM 8/30 protects the inner workings similar to that of a clip fastener.

Tag carriers

WAD 27

27 mm

Terminal marker



WAD 27

27 mm

Terminal marker



Technical data

Material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
Weidmueller
27 mm
64 mm

Polyamide 66
V-2
-40 °C...100 °C
Weidmueller
27 mm
64 mm

Ordering data

white	○
yellow	●
Note	

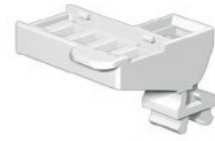
Type	Qty.	Order No.
WAD 27 NE WS	10	1062960000

Type	Qty.	Order No.
WAD 27 B GE/SW	10	1062860000

Technical drawing / application



Tag carriers



Technical data

Material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polypropylene
HB
-40 °C...80 °C
Weidmueller
7.2 mm
32.4 mm

Polyamide 66
V-2
-40 °C...100 °C
Weidmueller
7 mm
15 mm

Ordering data

Transparent
white
dark beige

Note

Type	Qty.	Order No.
EM 8/30	50	1806120000

Type	Qty.	Order No.
ZGB 15	20	1636530000

Accessories

MultiCard	
MultiMark	
DIN A4 sheets	Paper Paper Polyester Polyester
Marking tags	
Protective strip	
Note	

[illegible]

Type	Qty.	Order No.
DEK 5/30 MC NE WS	100	1951920000
ESO 7 DIN A4 WS	10	1607720000
ESO 7 DIN A4 GE	10	1634780000
ESO 7 P DIN A4 WS	10	1670390000
ESO 7 P DIN A4 GE	10	1670400000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
STR 7 F.SCHT 7	20	0515300000

Technical drawing / application



Tag carriers

ZGB 30

7 mm

Terminal marker



BZT

5.07 mm

Tag carriers



Technical data

Material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
Weidmüller
7 mm
32 mm

Polyamide 66
V-2
-40 °C...100 °C
5.07 mm
7.55 mm

Ordering data

Transparent
white
dark beige
Note

Type	Qty.	Order No.
ZGB 30	20	1611930000

Type	Qty.	Order No.
BZT 1 WS 10/5	100	1805490000

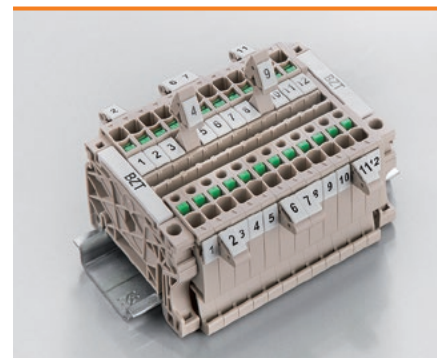
Accessories

MultiCard
MultiMark
DIN A4 sheets
Marking tags
Protective strip
Note

Type	Qty.	Order No.
DEK 5/30 MC NE WS	100	1951920000
ESO 7 DIN A4 WS	10	1607720000
ESO 7 DIN A4 GE	10	1634780000
ESO 7 P DIN A4 WS	10	1670390000
ESO 7 P DIN A4 GE	10	1670400000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
STR 7 F.SCHT 7	20	0515300000

Type	Qty.	Order No.
WS 12/5 MM WS	800	2007190000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000

Technical drawing / application



Tag carriers

Tag carriers

Snap Mark

5 mm

SnapMark 1.5

3.5 mm

Terminal marker

Terminal marker



Technical data

Material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
Weidmüller
5 mm
23 mm

PA 66
V-2
-40 °C...100 °C
Weidmüller
3.5 mm
26 mm

Ordering data

white	☐
Note	

Type	Qty.	Order No.
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
SNAPMARK 1.5	40	2682080000

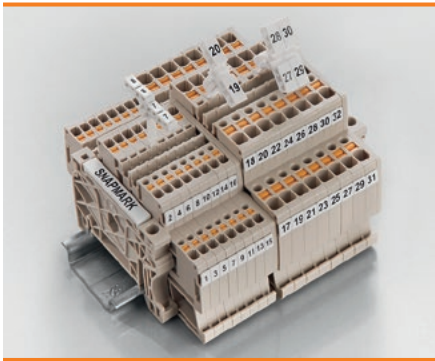
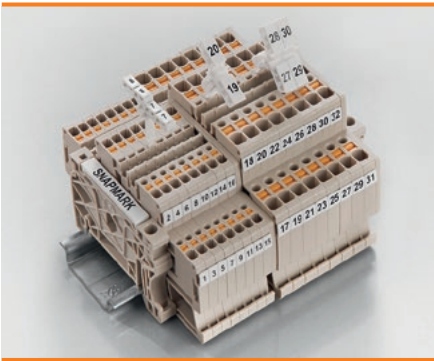
Accessories

Marking tags
MultiCard
MultiMark
Note

Type	Qty.	Order No.
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 M MC NE WS	720	1792000000
WS 10/5 MM WS	800	2712130000

Type	Qty.	Order No.
DEK 5/3.5 MC NE WS	500	1755270000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
WS 12/3.5 MC NE WS	600	1778270000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 MC NE GE	500	1369480000
DEK 5/3.5 MM BP WS	15000	2619760000
WS 12/3.5 MM BP WS	8000	2619840000
WS 12/3.5 MM WS	1000	2007180000

Technical drawing / application



Tag carriers

SCHT 5

19.5 mm

Terminal marker



SCHT 5 S

9.5 mm

Terminal marker



Technical data

Material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
Weidmueller
19.5 mm
44.5 mm

Polyamide 66
V-2
-40 °C...100 °C
Weidmueller
9.5 mm
44.5 mm

Ordering data

black	●
white	○
Note	

Type	Qty.	Order No.
SCHT 5	20	0292460000

Type	Qty.	Order No.
SCHT 5 S	20	1631930000

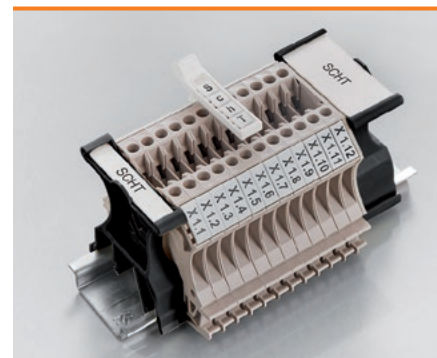
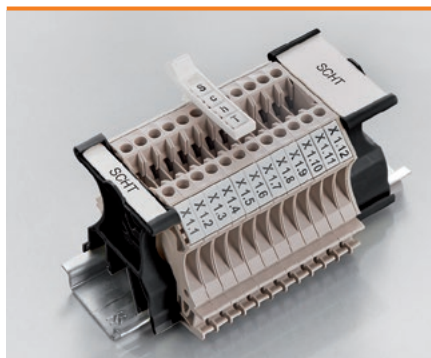
Accessories

Marking tags
MultiCard
MultiMark
DIN A4 sheets
Paper
Paper
Polyester
Polyester
Protective strip
Note

Type	Qty.	Order No.
ELS 16/40 MC NE WS	40	1045620000
ELS 16/40 MC NE GE	40	1045630000
ELS 16/40 MM WS	2000	2005200000
ELS 16/40 MM GE	2000	2005260000
ESO 5 DIN A4 WS	10	1607710000
ESO 5 DIN A4 GE	10	1631350000
ESO 5 P DIN A4 WS	10	1670370000
ESO 5 P DIN A4 GE	10	1670380000
STR 5 F.SCHT 5	20	0294000000

Type	Qty.	Order No.
ELS 7/40 MC NE WS	40	1045640000
ELS 7/40 MC NE GE	40	1045650000
ELS 7/40 MM WS	3000	2518620000
ELS 7/40 MM GE	3000	2519160000
ESO 5 S DIN A4 WS	10	1631920000
STR 5 S F.SCHT 5 S	20	1631940000

Technical drawing / application



Tag carriers

Tag carriers

SCHT 7

8 mm

Terminal marker



Technical data

Material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polyamide 66
V-2
-40 °C...100 °C
Weidmüller
8 mm
39.3 mm

Ordering data

black	●
white	○
Note	

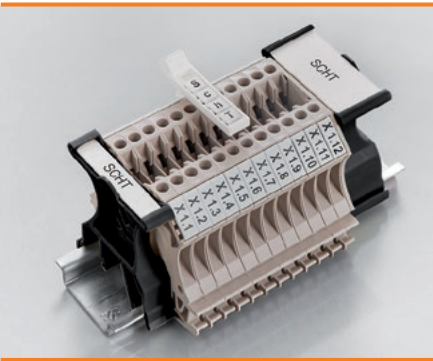
Type	Qty.	Order No.
SCHT 7	20	0517960000

Accessories

Marking tags
MultiCard
MultiMark
DIN A4 sheets
Paper
Paper
Polyester
Polyester
Protective strip
Note

Type	Qty.	Order No.
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 M MC NE WS	720	1792000000
ELS 6/30 MC NE WS	80	1045570000
ELS 6/30 MM WS	3000	2009980000
WS 10/5 MM WS	800	2712130000
ESO 7 DIN A4 WS	10	1607720000
ESO 7 DIN A4 GE	10	1634780000
ESO 7 P DIN A4 GE	10	1670400000
ESO 7 P DIN A4 WS	10	1670390000
STR 7 F.SCHT 7	20	0515300000

Technical drawing / application



Transparent sleeves

Better perspective for cables and wires

The right sleeves for flexible applications

The TM sleeves made out of PVC or halogen-free material are almost free from contaminants. The sleeves are a precisely-made markers for wires and cables with an external diameter from 1 to 40 mm. The simple mounting holds firmly to the wire and the sleeves can then be specifically marked using an inlay tag in the MultiCard format. Thanks to the slim design in five different lengths, the TM sleeves can be quickly and safely mounted even in compact cabinet systems.

TM/HF sleeves – the benefits to you

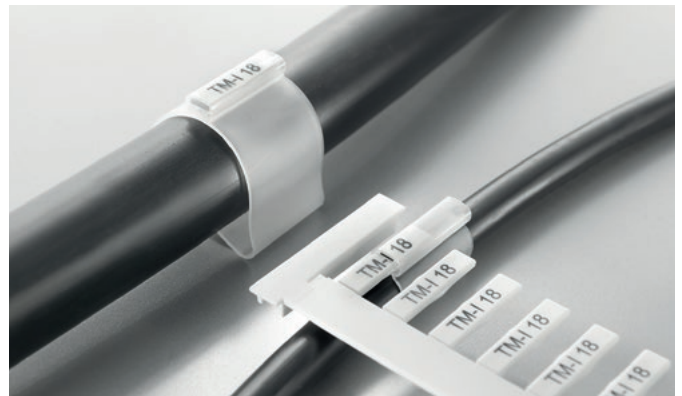
- Versatile: Different sizes and lengths for a large variety of applications
- Safe: Firm hold on all common cables and wires
- Flexible: Labelling with the inlay tag in the MultiCard format

Environmentally friendly: TM/HF sleeves are free of halogen and, in the case of fire, do not cause corrosive or toxic gasses. Therefore as they are almost free from contaminants, the markers meet the highest safety requirements.

CLI T sleeves are not suited for labelling with P-Ink or STI pen in connection with TM-I MultiCard.



A marker for a wide variety areas application – with the TM sleeves you will always have a precise marker.



The TM sleeves are particularly suitable for outside applications, thanks to the protected insertion element.

TM/HF

Technical data

Material	Temperature range	Fire class acc. to UL 94	Colour
Polyethylene LD	-40 °C...80 °C	HB	Transparent

Ordering data

Order No.	Type	Height	Wire O.D.	Connection cross-section	Qty.
1719760000	TM 0/12 HF/HB	12 mm	1.3 - 2 mm	0.22 - 0.5 mm ²	1000
1719770000	TM 0/18 HF/HB	18 mm	1.3 - 2 mm	0.22 - 0.5 mm ²	1000
1719780000	TM 1/12 HF/HB	12 mm	1.8 - 2.5 mm	0.5 - 1.5 mm ²	1000
1719790000	TM 1/18 HF/HB	18 mm	1.8 - 2.5 mm	0.5 - 1.5 mm ²	1000
1719800000	TM 2/12 HF/HB	12 mm	2.5 - 4 mm	0.75 - 2.5 mm ²	1000
1719810000	TM 2/18 HF/HB	18 mm	2.5 - 4 mm	0.75 - 2.5 mm ²	1000
1719820000	TM 3/12 HF/HB	12 mm	4 - 6.5 mm	2.5 - 6 mm ²	500
1719830000	TM 3/18 HF/HB	18 mm	4 - 6.5 mm	2.5 - 6 mm ²	500
1719840000	TM 4/12 HF/HB	12 mm	6 - 10 mm	10 - 35 mm ²	500
1719850000	TM 4/18 HF/HB	18 mm	6 - 10 mm	10 - 35 mm ²	500
1719860000	TM 5/12 HF/HB	12 mm	9 - 15 mm	25 - 70 mm ²	200
1719870000	TM 5/18 HF/HB	18 mm	9 - 15 mm	25 - 70 mm ²	200
1719880000	TM 6/12 HF/HB	12 mm	15 - 24 mm	35 - 150 mm ²	200
1719890000	TM 6/18 HF/HB	18 mm	15 - 24 mm	35 - 150 mm ²	200
1192770000	TM 7/18 HF/HB	18 mm	20 - 30 mm	120 - 240 mm ²	100
17192780000	TM 8/18 HF/HB	18 mm	30 - 35 mm	240 - 300 mm ²	50
1748820000	TMX 18 HF/HB	18 mm	10 - 317 mm	16 - 150 mm ²	500



TM/HF - twin sleeve

Technical data

Material	Temperature range	Fire class acc. to UL 94	Colour
Polyethylene LD	-40 °C...80 °C	HB	Transparent

Ordering data

Order No.	Type	Height	Wire O.D.	Connection cross-section	Qty.
1891810000	TM 0/18 TWIN HF/HB	18 mm	1.3 - 2.6 mm	0.22 - 1.5 mm ²	500
1891780000	TM 1/18 TWIN HF/HB	18 mm	2.4 - 4 mm	1.5 - 2.5 mm ²	500



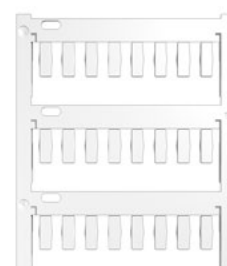
Accessories - MultiCard

Technical data

Material	Temperature range	Fire class acc. to UL 94	Colour
Polyamide 66	-40 °C...100 °C	V-2	white

Ordering data

Order No.	Type	Height	Width	Qty.
1718411044	TM-I 12 MC NE WS	12 mm	4 mm	320
1718431044	TM-I 18 MC NE WS	18 mm	4 mm	320



Accessories - MultiMark

Technical data

Material	Temperature range	Fire class acc. to UL 94	Colour
Polyester	-40 °C...150 °C	HB	white

Ordering data

Order No.	Type	Height	Width	Qty.
2005440000	TM-I 12 MM WS	12 mm	4 mm	2000
2005470000	TM-I 18 MM WS	18 mm	4 mm	2000



Transparent sleeves

CLI T

Technical data

Material	Temperature range	Fire class acc. to UL 94	Colour
PVC	-30 °C...80 °C	V-0	Transparent

Ordering data

Order No.	Type	Height	Wire O.D.	Connection cross-section	Qty.
1764060000	CLI T 02-12	12 mm	1.3 - 3 mm	0.22 - 1.5 mm ²	200
1764070000	CLI T 02-15	15 mm	1.3 - 3 mm	0.22 - 1.5 mm ²	200
1764140000	CLI T 02-18	18 mm	1.3 - 3 mm	0.22 - 1.5 mm ²	200
1764150000	CLI T 02-20	20 mm	1.3 - 3 mm	0.22 - 1.5 mm ²	200
1889580000	CLI T 02-30	30 mm	1.3 - 3 mm	0.22 - 1.5 mm ²	200
1764190000	CLI T 1-12	12 mm	2.5 - 5 mm	0.75 - 6 mm ²	200
1764200000	CLI T 1-15	15 mm	2.5 - 5 mm	0.75 - 6 mm ²	200
1764210000	CLI T 1-18	18 mm	2.5 - 5 mm	0.75 - 6 mm ²	200
1764220000	CLI T 1-20	20 mm	2.5 - 5 mm	0.75 - 6 mm ²	200
1889560000	CLI T 1-30	30 mm	2.5 - 5 mm	0.75 - 6 mm ²	200
1764230000	CLI T 2-12	12 mm	4 - 10 mm	4 - 35 mm ²	100
1764240000	CLI T 2-15	15 mm	4 - 10 mm	4 - 35 mm ²	100
1764250000	CLI T 2-18	18 mm	4 - 10 mm	4 - 35 mm ²	100
1764260000	CLI T 2-20	20 mm	4 - 10 mm	4 - 35 mm ²	100
1889570000	CLI T 2-30	30 mm	4 - 10 mm	4 - 35 mm ²	100
1764270000	CLI T 3-12	12 mm	8 - 16 mm	25 - 75 mm ²	100
1764280000	CLI T 3-15	15 mm	8 - 16 mm	25 - 75 mm ²	100
1764290000	CLI T 3-18	18 mm	8 - 16 mm	25 - 75 mm ²	100
1764300000	CLI T 3-20	20 mm	8 - 16 mm	25 - 75 mm ²	100
1889550000	CLI T 3-30	30 mm	8 - 16 mm	25 - 75 mm ²	100



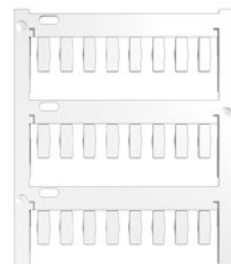
Accessories - MultiCard

Technical data

Material	Temperature range	Fire class acc. to UL 94	Colour
Polyamide 66	-40 °C...100 °C	V-2	white

Ordering data

Order No.	Type	Height	Width	Qty.
1718411044	TM-I 12 MC NE WS	12 mm	4 mm	320
1609981044	TM-I 15 MC NE WS	15 mm	4 mm	400
1718431044	TM-I 18 MC NE WS	18 mm	4 mm	320
1680411044	TM-I 20 MC NE WS	20 mm	4 mm	400
1876390000	TM-I 30 MC NE WS	30 mm	4 mm	300



Accessories - MultiMark

Technical data

Material	Temperature range	Fire class acc. to UL 94	Colour
Polyester	-40 °C...150 °C	HB	white

Ordering data

Order No.	Type	Height	Width	Qty.
2005440000	TM-I 12 MM WS	12 mm	4 mm	2000
2005450000	TM-I 15 MM WS	15 mm	4 mm	2000
2005470000	TM-I 18 MM WS	18 mm	4 mm	2000
2005490000	TM-I 20 MM WS	20 mm	4 mm	2000
2005530000	TM-I 30 MM WS	30 mm	4 mm	2000



CLI T TM sleeve

Technical data

Material	Temperature range	Fire class acc. to UL 94	Colour
PVC	-30 °C...60 °C	V-0	Transparent

Ordering data

Order No.	Type	Height	Width	Qty.
1763270000	CLI TM 10-33	33 mm	6 mm	100
1763280000	CLI TM 20-33	33 mm	11.3 mm	100
1763390000	CLI TM 20-66	66 mm	11.3 mm	50

Accessories

Order No.	Type	Height	Width	Number	Qty.
1600740000	CLI F 1-20 WS/GE	20 mm	4 mm	594	10
1764050000	CLI F 2-17.5 WS/GE	17.5 mm	9 mm	352	10
1718431044	TM-H 18 MC NE WS	18 mm	4 mm	64	320
1674760000	ESG 9/17 K MC NE WS	9 mm	17 mm	40	200
1631920000	ESO 5 S DIN A4 WS	40 mm	7 mm	140	10

TM sleeve

Technical data

Material	Temperature range	Fire class acc. to UL 94	Colour
PVC	-40 °C...80 °C	V-0	Transparent

Ordering data

Order No.	Type	Height	Wire O.D.	Connection cross-section	Qty.
1798650000	TM 200/15 V0	15 mm	1 - 1.5 mm	0.22 - 1 mm ²	1000
1798640000	TM 201/12 V0	12 mm	1.5 - 2.5 mm	0.25 - 1.5 mm ²	1000
1798620000	TM 201/15 V0	15 mm	1.5 - 2.5 mm	0.25 - 1.5 mm ²	1000
1798600000	TM 201/18 V0	18 mm	1.5 - 2.5 mm	0.25 - 1.5 mm ²	1000
1798580000	TM 201/20 V0	20 mm	1.5 - 2.5 mm	0.25 - 1.5 mm ²	1000
1507060000	TM 201/23 V0	23 mm	1.5 - 2.5 mm	0.25 - 1.5 mm ²	1000
1874850000	TM 201/30 V0	30 mm	1.5 - 2.5 mm	0.25 - 1.5 mm ²	500
1798560000	TM 202/12 V0	12 mm	2 - 4 mm	0.5 - 2.5 mm ²	1000
1798540000	TM 202/15 V0	15 mm	2 - 4 mm	0.5 - 2.5 mm ²	1000
1798530000	TM 202/18 V0	18 mm	2 - 4 mm	0.5 - 2.5 mm ²	1000
1798520000	TM 202/20 V0	20 mm	2 - 4 mm	0.5 - 2.5 mm ²	1000
1507070000	TM 202/23 V0	23 mm	2 - 4 mm	0.5 - 2.5 mm ²	1000
1874760000	TM 202/30 V0	30 mm	2 - 4 mm	0.5 - 2.5 mm ²	500
1798510000	TM 203/12 V0	12 mm	4 - 6 mm	2.5 - 10 mm ²	500
1798490000	TM 203/15 V0	15 mm	4 - 6 mm	2.5 - 10 mm ²	500
1798480000	TM 203/18 V0	18 mm	4 - 6 mm	2.5 - 10 mm ²	500
1798470000	TM 203/20 V0	20 mm	4 - 6 mm	2.5 - 10 mm ²	500
1507080000	TM 203/23 V0	23 mm	4 - 6 mm	2.5 - 10 mm ²	500
1874770000	TM 203/30 V0	30 mm	4 - 6 mm	2.5 - 10 mm ²	200
1806180000	TM 204/12 V0	12 mm	6 - 10 mm	6 - 16 mm ²	500
1806240000	TM 204/15 V0	15 mm	6 - 10 mm	6 - 16 mm ²	500
1806300000	TM 204/18 V0	18 mm	6 - 10 mm	6 - 16 mm ²	500
1806360000	TM 204/20 V0	20 mm	6 - 10 mm	6 - 16 mm ²	500
1507090000	TM 204/23 V0	23 mm	6 - 10 mm	6 - 16 mm ²	500
1874780000	TM 204/30 V0	30 mm	6 - 10 mm	6 - 16 mm ²	200
1806190000	TM 205/12 V0	12 mm	10 - 14 mm	16 - 35 mm ²	200
1806250000	TM 205/15 V0	15 mm	10 - 14 mm	16 - 35 mm ²	200
1806310000	TM 205/18 V0	18 mm	10 - 14 mm	16 - 35 mm ²	200
1806370000	TM 205/20 V0	20 mm	10 - 14 mm	16 - 35 mm ²	200
1507100000	TM 205/23 V0	23 mm	10 - 14 mm	16 - 35 mm ²	200
1874790000	TM 205/30 V0	30 mm	10 - 14 mm	16 - 35 mm ²	200
1806200000	TM 206/12 V0	12 mm	14 - 22 mm	35 - 120 mm ²	200
1806260000	TM 206/15 V0	15 mm	14 - 22 mm	35 - 120 mm ²	200
1806320000	TM 206/18 V0	18 mm	14 - 22 mm	35 - 120 mm ²	200
1806380000	TM 206/20 V0	20 mm	14 - 22 mm	35 - 120 mm ²	200
1507110000	TM 206/23 V0	23 mm	14 - 22 mm	35 - 120 mm ²	200
1874800000	TM 206/30 V0	30 mm	14 - 22 mm	35 - 120 mm ²	100
1866680000	TMX 30 V0	30 mm	10 - 317 mm	16 - 150 mm ²	400
1724790000	TMC 9/20	20 mm	10 - 317 mm	16 - 150 mm ²	250



Transparent sleeves

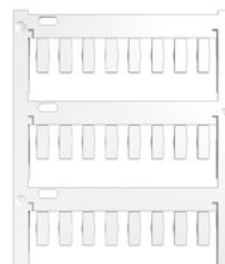
Accessories - MultiCard

Technical data

Material	Temperature range	Fire class acc. to UL 94	Colour
Polyamide 66	-40 °C...100 °C	V-2	white

Ordering data

Order No.	Type	Height	Width	Qty.
1718411044	TM-I 12 MC NE WS	12 mm	4 mm	320
1609981044	TM-I 15 MC NE WS	15 mm	4 mm	400
1718431044	TM-I 18 MC NE WS	18 mm	4 mm	320
1680411044	TM-I 20 MC NE WS	20 mm	4 mm	400
1428480000	TM-I 23 MC NE WS	23 mm	4 mm	400
1876390000	TM-I 30 MC NE WS	30 mm	4 mm	300



Accessories - MultiMark

Technical data

Material	Temperature range	Fire class acc. to UL 94	Colour
Polyester	-40 °C...150 °C	HB	white

Ordering data

Order No.	Type	Height	Width	Qty.
2005440000	TM-I 12 MM WS	12 mm	4 mm	2000
2005450000	TM-I 15 MM WS	15 mm	4 mm	2000
2005470000	TM-I 18 MM WS	18 mm	4 mm	2000
2005490000	TM-I 20 MM WS	20 mm	4 mm	2000
2005510000	TM-I 23 MM WS	23 mm	4 mm	2000
2005530000	TM-I 30 MM WS	30 mm	4 mm	2000



WKM – Cable marker

Firm hold for all cable diameters

The robust label holder for cable tie assembly

The halogen-free WKM transparent pocket gives excellent protection against outside influences. Thanks to its secure cable-tie lock-in ability, it is suitable for almost all conductor cross sections.

The previously marked tags are simply placed in the WKH holder and secured with the closing clip. The WKM cable marker is the right solution when it comes to being highly efficient at the labelling site.

WKM cable marker – the benefits to you

- Individual labelling of paper and polyester labels can take place using a normal office printer
- The robust design in conjunction with the MultiCard tags guarantees excellent protection against outside influences



Paper and polyester labels

The following options are available:

WKM 8/20 + ESO 8/20

WKM 8/30 + ESO 7

WKM 18/43 + ESO 5



MultiCard marker

The following options are available:

WKM 8/20 + ESG 7/20

WKM 8/30 + ELS 6/30

WKM 18/43 + ELS 16/40



Technical data

Material	Polypropylene
UL 94 flammability rating	HB
Min. temperature, continuous	- 40 °C
Max. temperature, continuous	80 °C
Material colour	transparent

The cable tie assembly offers secure attachment for almost all conductor cross sections and high durability, especially under high mechanical demand.

WKM

WKM 8/20

8 mm

WKM 8/30

8 mm



Technical data

Material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

Polypropylene
HB
-40 °C...80 °C
Wire and cable markers
8 mm
20 mm

Polypropylene
HB
-40 °C...80 °C
Wire and cable markers
8 mm
30 mm

Ordering data

Transparent
Note

Type	Qty.	Order No.
WKM 8/20	50	1753490000

Type	Qty.	Order No.
WKM 8/30	50	1631910000

Accessories

MultiCard
MultiMark
DIN A4 sheets
Paper
Polyester
Polyester
Paper
Note

Type	Qty.	Order No.
ESG 7/20 SIRIUS MC NE WS	200	1736181044
ESG 7/20 SIRIUS MC NE TU	200	1736181696
ESG 7/20 SIRIUS MC NE GE	200	1736181687
ELS 8/20 MM GE	3000	2005240000
ELS 8/20 MM WS	3000	2005180000
ESO 8/20 DIN A4 GE	10	1919900000
ESO 8/20 P DIN A4 WS	10	1919870000
ESO 8/20 P DIN A4 GE	10	1919880000
ESO 8/20 DIN A4 WS	10	1919890000

Type	Qty.	Order No.
ESG 7/20 SIRIUS MC NE WS	200	1736181044
ELS 6/30 MC NE GE	80	1045580000
ELS 6/30 MC NE WS	80	1045570000
ELS 6/30 MM GE	3000	2010620000
ELS 6/30 MM WS	3000	2009980000
THM ESO 7 PA WS	1	1339570000
THM ESO 7 PA GE	1	1339580000
ESO 7 DIN A4 WS	10	1607720000
ESO 7 P DIN A4 GE	10	1670400000
ESO 7 P DIN A4 WS	10	1670390000
ESO 7 DIN A4 GE	10	1634780000

Technical drawing / application



WKM

WKM 18/43

18 mm



Technical data

Material	Polypropylene
Fire class acc. to UL 94	HB
Ambient temperature (operational)	-40 °C...80 °C
Application/manufacturer	Wire and cable markers
Width	18 mm
Height	43 mm
Note	

Ordering data

Transparent	Type	Qty.	Order No.
Note	WKM 18/43	50	1610700000

Accessories

MultiCard	Type	Qty.	Order No.
	ELS 16/40 MC NE GE	40	1045630000
	ELS 16/40 MC NE WS	40	1045620000
MultiMark			
	ELS 16/40 MM GE	2000	2005260000
	ELS 16/40 MM WS	2000	2005200000
DIN A4 sheets			
Paper	ESO 5 DIN A4 WS	10	1607710000
Polyester	ESO 5 P DIN A4 WS	10	1670370000
Polyester	ESO 5 P DIN A4 GE	10	1670380000
Paper	ESO 5 DIN A4 GE	10	1631350000
Note			

Technical drawing / application





Tag rails

Boundless freedom of design

High-contrast identification for side-by-side devices

The SCHS shielding rail can be fitted to almost any device, either glued or screwed. It is the preferred choice for high contrast labelling, especially for devices placed side by side. Some types of sturdy PVC rails have markers that can be clicked and locked into position. You therefore benefit from the large variety and the compatibility of the tag rails from our MultiCard product line. Take advantage of our innovative labelling systems, which is an alternative to engraving.

Tag rails – the benefits to you

- Additional information to the equipment is easy to correlate
- Depending upon the application, the length can be increased because of the metre lengths that are delivered



The SCHS shielding rail can be fitted to almost any device, either glued or screwed, which makes it usable almost anywhere.



With the normal width size of 17.5 mm, as is the case with circuit breakers, the tag rail SchS2 is recommended along with the device marker ESG 8/17S.

Technical data

Material	Hard PVC
Flammability classification to UL 94	VO
Temp., min.	-20 °C
Temp., max.	80 °C

Tag rails

CC-Rail 1000

17 mm

SCHS 1

17 mm



Technical data

Material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PVC
V-0
-20 °C...80 °C
Self-adhesive
17 mm
1000 mm

PVC
V-0
-20 °C...80 °C
17 mm
1000 mm

Ordering data

black
Note

Type	Qty.	Order No.
CC-RAIL 1000	1	1790150000

Type	Qty.	Order No.
SCHS1	1	0138900000

Accessories

MultiCard
Cover
Note

Type	Qty.	Order No.
CC 15/17 MC NE WS	80	1876570000
CC 15/27 MC NE WS	80	1876770000
CC 15/49 MC NE WS	40	1877260000
CC 15/60 MC NE WS	40	1877350000
CC-RAIL TRANSPARENT1000	1	1790160000

Type	Qty.	Order No.
STR F.SCHS	1	0139200000
ESO/SCHS1 500X12,5X0,3	100	0139000000

Tag rails – identification for side-by-side devices

Tag rails

SCHS 2

8 mm

SCHS 2 K

8 mm



Technical data

Material
Fire class acc. to UL 94
Ambient temperature (operational)
Application/manufacturer
Width
Height
Note

PVC
V-0
-20 °C...80 °C
8 mm
1000 mm

PVC
V-0
-20 °C...80 °C
Self-adhesive
8 mm
1000 mm

Ordering data

black	●
grey	●
Note	

Type	Qty.	Order No.
SCHS2	1	0337400000

Type	Qty.	Order No.
SCHS2 K	1	1720600000

Accessories

MultiCard
Marking tags
Note

Type	Qty.	Order No.
ESG 8/17 SCHS MC NE WS	200	1720610000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ESG 8/17 SCHS MC NE WS	200	1720610000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

Tag rails

SCHS 3 + SCHS 4 10 mm



Technical data

Material	PVC
Fire class acc. to UL 94	V-0
Ambient temperature (operational)	-20 °C...80 °C
Application/manufacturer	Self-adhesive
Width	10 mm
Height	1000 mm
Note	

Ordering data

black	●	Type	Qty.	Order No.
grey	●	SCHS3 K	1	1753480000
Note		SCHS4 K	1	1753460000

Accessories

MultiCard	Type	Qty.	Order No.
	ESG 7/20 SIRIUS MC NE GE	200	1736181687
Marking tags			
Note			

Cable ties

Cable ties

Technical data

Material	Operating temperature	Fire class acc. to UL 94	Halogen
Polyamide 66	-40...85 °C	V-2	No

Ordering data

Natural Order No.	black Order No.	Type	Height	Width	Cable diameter, max.	Tensile strength	Qty.
1278600000	1697890000	CB 98/2.5	98 mm	2.5 mm	21 mm	80 N	100
7940006040	7940006047	CB 135/2.5	135 mm	2.5 mm	32 mm	80 N	100
1278700000	1697900000	CB 140/3.5	140 mm	3.5 mm	35 mm	180 N	100
1723540000	1723560000	CB 160/4.5	160 mm	4.5 mm	40 mm	220 N	100
7940006048	7940006049	CB 160/2.6	160 mm	2.6 mm	40 mm	80 N	100
1723550000	1723570000	CB 178/4.8	178 mm	4.8 mm	45 mm	220 N	100
1278800000	1697910000	CB 200/4.5	200 mm	4.5 mm	50 mm	220 N	100
7940006050	7940006051	CB 200/2.6	200 mm	2.6 mm	50 mm	80 N	100
1720630000	1720660000	CB 200/3.5	200 mm	3.5 mm	50 mm	180 N	100
7940006064	7940006065	CB 180/7.8	180 mm	7.8 mm	45 mm	540 N	100
7940006076	7940006077	CB 225/12.5	225 mm	12.5 mm	57 mm	1080 N	50
7940006066	7940006067	CB 240/7.8	240 mm	7.8 mm	63 mm	540 N	100
7940006054	7940006055	CB 250/4.8	250 mm	4.8 mm	68 mm	220 N	100
1720640000	1720650000	CB 290/3.5	290 mm	3.5 mm	80 mm	180 N	100
1278900000	1697920000	CB 290/4.5	290 mm	4.5 mm	80 mm	220 N	100
7940006068	7940006069	CB 300/7.8	300 mm	7.5 mm	80 mm	540 N	100
7940006056	7940006057	CB 370/3.5	370 mm	3.5 mm	103 mm	180 N	100
1279000000	1697930000	CB 360/4.5	360 mm	4.5 mm	103 mm	220 N	100
1279100000	1697940000	CB 365/7.5	365 mm	7.5 mm	100 mm	540 N	100
7940006058	7940006059	CB 390/4.5	390 mm	4.5 mm	106 mm	220 N	100
7940006060	7940006061	CB 430/4.5	430 mm	4.5 mm	115 mm	220 N	100
7940006070	7940006071	CB 450/7.5	450 mm	7.5 mm	130 mm	540 N	100
7940006078	7940006079	CB 500/12.5	500 mm	12.5 mm	143 mm	1080 N	50
7940006072	7940006073	CB 540/7.5	540 mm	7.5 mm	158 mm	540 N	100
1720680000	1720670000	CB 750/7.5	750 mm	7.5 mm	220 mm	540 N	100
7940006074	7940006075	CB 780/9.0	780 mm	9 mm	233 mm	700 N	100
7940006082		CB 850/12.5	850 mm	12.5 mm	255 mm	1080 N	50
	7940006085	CB 1000/12.5	1000 mm	12.5 mm	302 mm	1080 N	50

Releasable cable ties

Technical data

Material	Operating temperature	Fire class acc. to UL 94	Halogen
Polyamide 66	-40...85 °C	V-2	No

Ordering data

Natural Order No.	black Order No.	Type	Height	Width	Cable diameter, max.	Tensile strength	Qty.
1059200000	1059210000	CB-R 200/7.5	200 mm	7.5 mm	40 mm	220 N	100
1059220000	1059230000	CB-R 250/7.5	250 mm	7.5 mm	70 mm	220 N	100
1059240000	1059250000	CB-R 350/7.5	350 mm	7.5 mm	100 mm	220 N	100

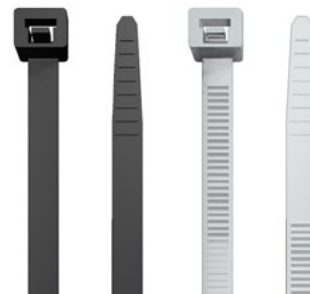
V0 cable ties for transportation industry

Technical data

Material	Operating temperature	Fire class acc. to UL 94	Halogen
Polyamide 66	-40...85 °C	V-0	No

Ordering data

Order No.	Type	Colour	Height	Width	Cable diameter, max.	Tensile strength	Qty.
2659500000	CB-VT 140/3,6 WT	white	140 mm	3.5 mm	35 mm	180 N	100
2659510000	CB-VT 200/3,6 WT	white	200 mm	3.5 mm	50 mm	180 N	100
2659520000	CB-VT 200/4,5 WT	white	200 mm	4.8 mm	50 mm	220 N	100
2659530000	CB-VT 290/4,8 WT	white	290 mm	4.5 mm	79 mm	220 N	100
2659540000	CB-VT 365/7,5 WT	white	365 mm	7.5 mm	100 mm	540 N	100
2659490000	CB-VT 98/2,5 WT	white	98 mm	2.5 mm	21 mm	80 N	100



UV stabilised cable ties

Technical data

Material	Operating temperature	Fire class acc. to UL 94	Halogen
Polyamide 66	-40...85 °C	V-2	No

Ordering data

Order No.	Type	Colour	Height	Width	Cable diameter, max.	Tensile strength	Qty.
2659320000	CB-UVR 140/3,5 BK	black	140 mm	3.5 mm	35 mm	130 N	100
2659330000	CB-UVR 200/3,5 BK	black	200 mm	3.5 mm	50 mm	130 N	100
2659340000	CB-UVR 200/4,5 BK	black	200 mm	4.8 mm	50 mm	220 N	100
2659350000	CB-UVR 290/4,5 BK	black	290 mm	4.5 mm	79 mm	220 N	100
2659360000	CB-UVR 365/7,5 BK	black	365 mm	7.5 mm	100 mm	540 N	100
2659310000	CB-UVR 98/2,5 BK	black	98 mm	2.5 mm	21 mm	80 N	100



Heat stabilised cable ties

Technical data

Material	Operating temperature	Fire class acc. to UL 94	Halogen
Polyamide 66	-40...125 °C	V-2	No

Ordering data

black Order No.	Natural Order No.	Type	Height	Width	Cable diameter, max.	Tensile strength	Qty.
2659370000	2659430000	CB-HTR 98/2.5	98 mm	2.5 mm	21 mm	80 N	100
2659380000	2659440000	CB-HTR 140/3.6	140 mm	3.5 mm	35 mm	180 N	100
2659390000	2659450000	CB-HTR 200/3.6	200 mm	3.5 mm	50 mm	180 N	100
2659400000	2659460000	CB-HTR 200/4.8	200 mm	4.8 mm	50 mm	220 N	100
2659410000	2659470000	CB-HTR 290/4.8	290 mm	4.5 mm	79 mm	220 N	100
2659420000	2659480000	CB-HTR 365/7.5	365 mm	7.5 mm	100 mm	540 N	100



Detectable cable ties

Technical data

Material	Operating temperature	Fire class acc. to UL 94	Halogen
PA 6.6		HB, UL 94	No

Ordering data

Order No.	Type	Colour	Height	Width	Cable diameter, max.	Tensile strength	Qty.
3012620000	CB-DT 98/2.5 BL	blue	98 mm	2.5 mm		80 N	100
3012630000	CB-DT 140/3.5 BL	blue	140 mm	3.5 mm		180 N	100
3012660000	CB-DT 200/3.5 BL	blue	200 mm	3.5 mm		180 N	100
3012670000	CB-DT 200/4.5 BL	blue	200 mm	4.5 mm		220 N	100
3012680000	CB-DT 290/4.5 BL	blue	290 mm	4.5 mm		220 N	100
3012720000	CB-DT 360/4.5 BL	blue	360 mm	4.5 mm		220 N	100
3012740000	CB-DT 365/7.5 BL	blue	365 mm	7.5 mm		540 N	100
3012810000	CBH-DT 27/27 BL	blue	27 mm	27 mm		180 N	100



Cable ties

Stainless steel cable ties

Technical data

Material	Operating temperature	Fire class acc. to UL 94	Halogen
Stainless steel 1.4404 (316L)	-40...300 °C	None	No

Ordering data

Order No.	Type	Colour	Height	Width	Cable diameter, max.	Tensile strength	Qty.
2791370000	SCT 4.6/100	silver	100 mm	4.6 mm	21 mm	778 N	100
2791380000	SCT 4.6/125	silver	125 mm	4.6 mm	27 mm	778 N	100
2791390000	SCT 4.6/150	silver	150 mm	4.6 mm	35 mm	778 N	100
2791400000	SCT 4.6/200	silver	200 mm	4.6 mm	50 mm	778 N	100
2791410000	SCT 4.6/360	silver	360 mm	4.6 mm	100 mm	778 N	100
2791420000	SCT 4.6/520	silver	520 mm	4.6 mm	150 mm	778 N	100
2791430000	SCT 4.6/680	silver	680 mm	4.6 mm	200 mm	778 N	100
2791440000	SCT 4.6/840	silver	840 mm	4.6 mm	250 mm	778 N	100
2791450000	SCT 7.9/200	silver	200 mm	7.9 mm	50 mm	1112 N	100
2791460000	SCT 7.9/360	silver	360 mm	7.9 mm	100 mm	1112 N	100
2791470000	SCT 7.9/520	silver	520 mm	7.9 mm	150 mm	1112 N	100
2791480000	SCT 7.9/680	silver	680 mm	7.9 mm	200 mm	1112 N	100
2791490000	SCT 7.9/840	silver	840 mm	7.9 mm	250 mm	1112 N	100



Stainless steel cable ties, coated

Technical data

Material	Operating temperature	Fire class acc. to UL 94	Halogen
Stainless steel, polyester coated	-80...150 °C	None	No

Ordering data

Order No.	Type	Colour	Height	Width	Cable diameter, max.	Tensile strength	Qty.
1015220000	SCT-C 4.6/100	black	100 mm	4.6 mm	21 mm	445 N	100
1015230000	SCT-C 4.6/125	black	125 mm	4.6 mm	27 mm	445 N	100
1015240000	SCT-C 4.6/150	black	150 mm	4.6 mm	35 mm	445 N	100
1015250000	SCT-C 4.6/200	black	200 mm	4.6 mm	50 mm	445 N	100
1015270000	SCT-C 4.6/360	black	360 mm	4.6 mm	100 mm	445 N	100
1015280000	SCT-C 4.6/520	black	520 mm	4.6 mm	150 mm	445 N	100
1015290000	SCT-C 4.6/680	black	680 mm	4.6 mm	200 mm	445 N	100
1015300000	SCT-C 4.6/840	black	840 mm	4.6 mm	250 mm	445 N	100
1015310000	SCT-C 7.9/200	black	200 mm	7.9 mm	50 mm	1112 N	100
1015320000	SCT-C 7.9/360	black	360 mm	7.9 mm	100 mm	1112 N	100
1015330000	SCT-C 7.9/520	black	520 mm	7.9 mm	150 mm	1112 N	100
1015340000	SCT-C 7.9/680	black	680 mm	7.9 mm	200 mm	1112 N	100
1015350000	SCT-C 7.9/840	black	840 mm	7.9 mm	250 mm	1112 N	100



Accessories cable ties



Ordering data

natural Order No.	black Order No.	Type	Dimensions (LxW) mm	Ø-Mounting hole (mm)	Max. (mm) Cable tie width	Fig.
1279200000		CBH 8.1/6.2	8.1 x 6.2	6.5	7.8	1
1289200000	1697950000	CBH 19/19	19 x 19		3.6	2
1289400000	1697960000	CBH 27/27	27 x 27		4.8	2
1279300000		CBDM 200/4.5	200 x 4.5	6.3		
	1859410000	CBFP 43.5/10	43.5 x 10	8	9	3

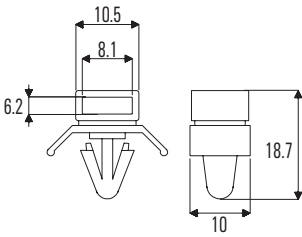
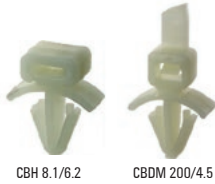


Figure 1

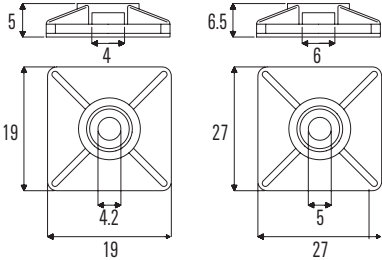


Figure 2

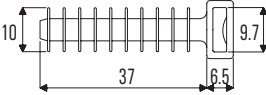


Figure 3

Cable tie tools are compact tools with which the cable tie is tightened and the excess tie cut off in one operation.

Accessories tool

Ordering data

Order No.	Type	Colour	Length	Weight	Qty.
1296000000	CABLE TIE TOOL RT-1	● rot	160 mm	260	1
1774470000	WSM TOOL AUTOMATIK	● silber	275 mm	579	1
1774480000	WSM TOOL MANUELL	● silber	220 mm	633	1



Service and support

Service and support	Service connects – worldwide	V.2
	Engineering services and customised products	V.3
	Support Center	V.4
	Additional support services	V.5
	easyConnect – Your Industrial Service Platform	V.6
	Digital Engineering: Digital planning with Weidmüller product data, interfaces and software solutions	V.8
	Connectivity Consulting: A long-term increase in efficiency through partnership-based exchange	V.9
	Weidmüller Configurator: intuitive, uncomplicated & fast digital engineering	V.10
	Your digital ordering options at Weidmüller	V.12

Our expertise for your requirements

Service connects – worldwide



Automation technology functions are becoming more complex in a globally-oriented world facing ambitious targets in terms of energy efficiency and smart production. We are your equal partners for the best connections in Industrial Connectivity.

Our personal support answers all questions reliably and expertly. During planning, installation or operation our service and support offer is your best companion.

In short: Weidmüller's global service combines our expertise with your requirements.



Your way to our service
www.weidmueller.com/service

Engineering services and customised products

Automation engineering and connectivity consulting belongs to our services as well as assembly of engineered products. We also support the process from the idea to the product with our Weidmüller Configurator and the Configure-to-Order process.



Consulting and engineering

The challenge for you is reducing costs and increasing efficiency. This requires intelligent, individual solutions. Whether it is modified products, pre-fitted mounting rails or complete small cabinets – our application centres provide a highly qualified custom-made engineering and production service.



Connectivity Consulting

Increase your competitiveness - supported by our experts. Our drive is to optimise your competitiveness. That's why our team of experts supports you in significantly increasing your efficiency in electrical machine design and control cabinet construction. With proven products and services from the Weidmüller portfolio – and with the experience gained from over 300 projects worldwide.



Klippon® Assembly Service – Assembled terminal rails and enclosures supplied ready for installation

The Klippon® Assembly Service supplies fully assembled terminal rails and enclosures that can be installed directly in the cabinet or on the machine. It therefore simplifies planning, accelerates production processes, reduces work steps and ensures the reliable delivery of individually assembled products.



Fast Delivery Service - Your ideas deserve a quick realisation

Obtain offers 24/7 and within minutes, including directly orderable article numbers with our Fast Delivery Service. The Weidmüller Configurator (WMC) for planning and configuration is key for consistent processes. Dispatch your orders in 5 days. Assemble individual terminal strips and enclosures from batch size 1!

Expand the possibilities of our products

Our Support Center - the answer is just a click away



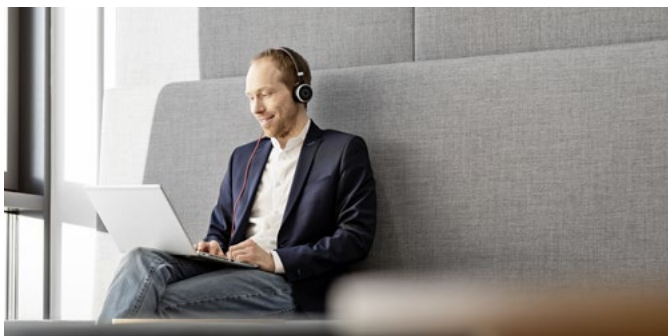
Receive fast and intuitive support to get the most out of our products in your application. In our new Support Center you can search or navigate to the many application notes, product information, video tutorials or software downloads of our products. It is also possible to create a technical Service Request in the Support Center and check the current status at any time. Use our AI chatbot for u-mation and u-software products and get immediate answers to your questions at any time.

- **Support Center** – the answer is just a click away
- **Everything at a glance** – One central support hub, where all relevant information is available
- **Powerful search** – Provides filter functions for various types of information and products
- **Navigation through product hierarchy** – Navigation to specific products through our product hierarchy
- **More than 40,000 downloads** – Application notes, video tutorials, templates and examples, user documentation, engineering data, ...
- **Personal contact** – Direct access to your personal technical contact in your country
- **Quick help via Service Request** – Create a service request to get quick technical help and check the current status and the solution provided



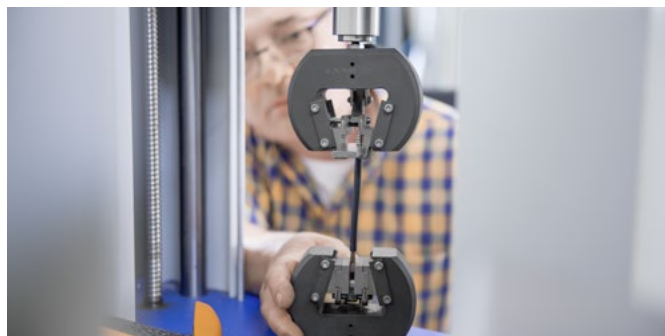
Explore the world of our new Support Center
support.weidmueller.com

Additional support services



Training and Webinars

Stay tuned in a world that is accelerating. In our entertaining interactive webinars, we offer you the opportunity to learn about new products and technology topics and to interact with our experts.



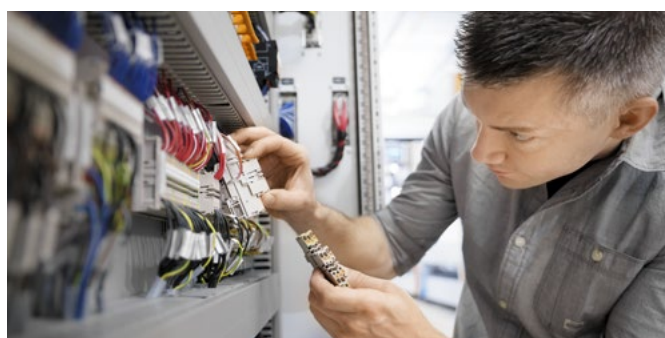
Repairs and replacement parts

We offer repair and components for our Workplace Solutions as well as assistance for other Weidmüller products. Find out how our experts can help you with your repair request.



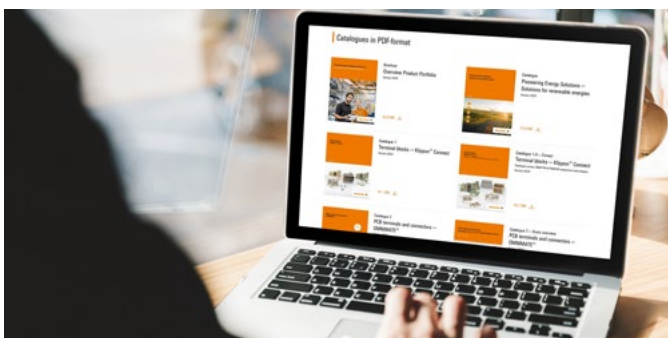
Security advisory board

Our Product Security Incident Response Team (PSIRT) continuously informs you about possible security-related vulnerabilities of our products.



Product change notifications

Technical modifications of our products always available online.



Technical product catalogues

Technical data for our entire program in Industrial Connectivity for download in PDF-format.

Your ticket to the world of digital service

easyConnect – Your Industrial Service Platform



Our cloud-based platform is your ticket to the world of digital services from Weidmüller, and the intuitive and future-proof tool for your way to the Industrial IoT. Realise your use cases easily, consistently and without any relevant prior knowledge, thanks to the perfect interaction of platform, devices and diverse software services.

As an open, modular and perfectly integrable system, the platform is your enabler for a wide range of use cases. Increase your efficiency and unleash your full innovation potential with easyConnect.



Interested in using easyConnect?
Learn how to get started with easyConnect step-by-step.
www.weidmueller.com/easyconnect

Why should you use easyConnect?

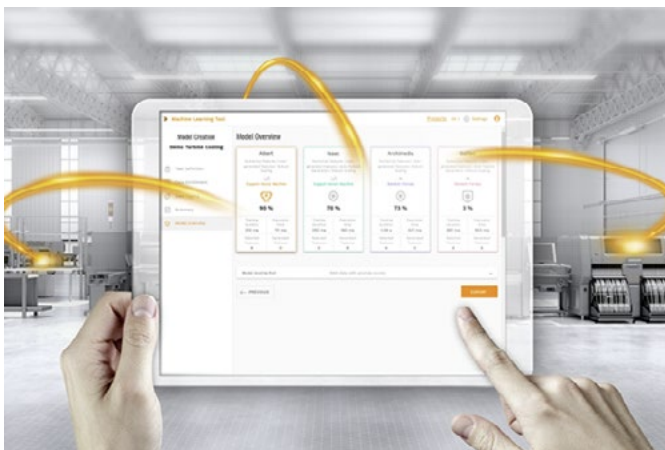
- You want to enter your digital transformation step-by-step?
- You want to make the step into Industrial IOT, but have no or little IT expertise?
- You want to use your digital data for smart & scalable services?
- You want to offer digital services (such as customised dashboard) to your customers?
- You want to improve your service offering and efficiency, e.g. through remote access?
- You feel Weidmüller's digital services are interesting, but you have „your cloud“ already?



Weidmüller comes up with the solution: easyConnect, the new digitalisation platform. It bundles Weidmüller's digital services at one place in the cloud and connects them with various Weidmüller devices.

With easyConnect you start digitalising your application step-by-step without ballast in a secure way.

The following services are initially available on easyConnect:



Device management

Adding and managing cloud-connected devices is typically the first step in any Industrial IoT use case.

Asset management

The asset management service is a modelling tool that allows users to model their assets and processes and link them to relevant time series data.

Remote access (u-link)

u-link guarantees a quick and secure access to machines and plants while also allowing for efficient management.

Data visualisation

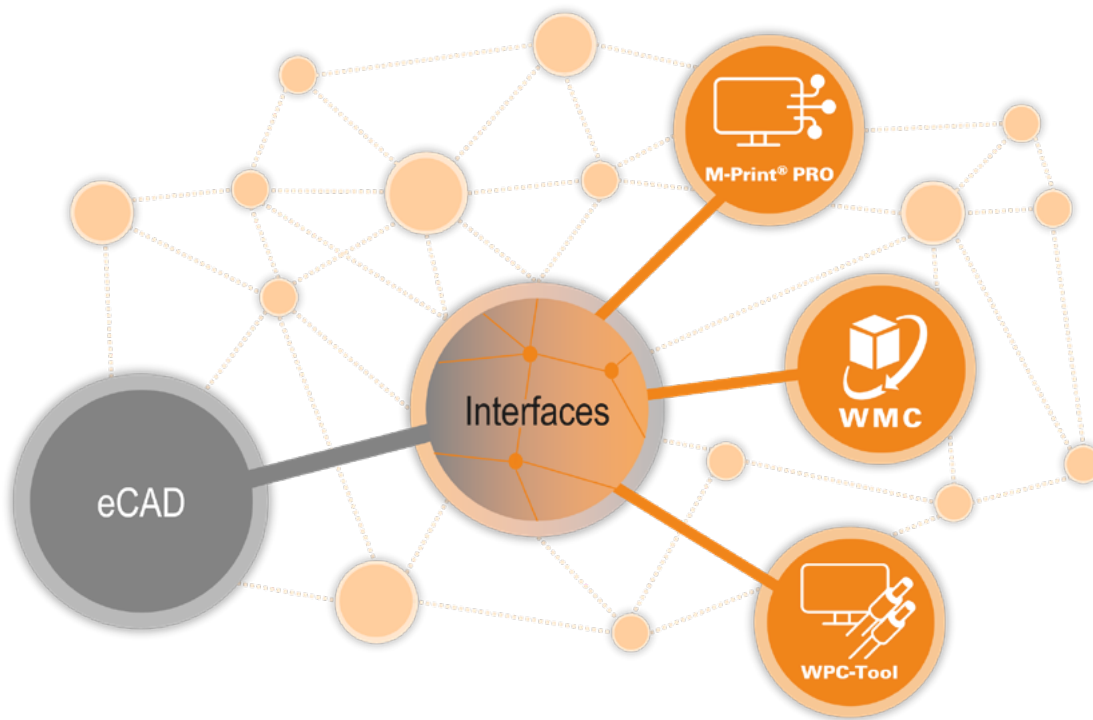
easyConnect data visualisation services enable users to view, monitor and display live and historical data.

AutoML

With Weidmüller Industrial AutoML, you can optimize operations, increase product quality and develop new business models by benefiting from advanced analytics.

Digital Engineering

Digital planning with Weidmüller product data, interfaces and software solutions



ZUKEN



etap



SIEMENS



You want to be optimally supported in all steps of the electrical design process, from planning to production? Weidmüller offers you support as best as possible!

Your advantages:

- **Processes are digitized, time is saved and sources of errors are eliminated** – With Weidmüller software solutions for terminal strip and housing configuration (WMC), component marking (M-Print® PRO) and cable assembly (WPC-Tool), you are perfectly prepared for all project phases in electrical design and control cabinet construction.
- **Potential sources of error are eliminated and your productivity is increased** – High-performance interfaces enable a complete data consistency from the planning to the commissioning process.
- **A simple, safe and fast design process** – Weidmüller provides digital product data for a variety of engineering systems. The data is always compliant with the latest system provider standard.



Find out more about digital engineering
www.weidmueller.com/digital_engineering

Connectivity Consulting

Counteracting the shortage of skilled workers with Connectivity Consulting



Are you looking for innovative, sustainable and value-adding solutions for your individual requirements? Weidmüller offers you support with experienced experts for products, solutions and services in the industrial environment of energy, signals and data!

Your advantages:

- **Increasing efficiency and quality in cabinet building** – Weidmüller offers you customized solutions to make your cabinet building fit for purpose. From design optimization and process automation to digital planning and commissioning. Every single work step offers opportunities for optimization.
- **Benefit from the practical experience of the experts** – Weidmüller's connectivity consulting experts have acquired practical specialist knowledge in many international projects.
- **Support in the implementation process** – From analysis to implementation: Our experts support you with all measures.



Find out more about Connectivity Consulting
www.weidmueller.com/connectivity-consulting

Boost Your Efficiency from Engineering to Production

Weidmüller Configurator: intuitive, uncomplicated & fast digital engineering

Digital engineering can be so easy – with the Weidmüller Configurator!

Discover the Weidmüller Configurator (WMC) – your free software solution that guides you through the entire value chain, all the way to production.

With access to nearly 14,000 digital products, the WMC provides an extensive range for configuring terminal strips, processed empty enclosures, and ready-to-connect terminal boxes. This includes over 10,500 products for terminal strip configurations, approximately 2,200 products for terminal box configurations, and around 1,200 products for configuring our heavy-duty connectors.

Your Benefits with the Well-Known WMC:

- **Seamless Engineering** – Import your circuit diagrams and terminal strips effortlessly with a single click directly from your engineering system into the WMC. Our interfaces enable continuous data flows, saving you valuable time, minimizing errors, and ensuring smooth project execution.
- **Optimized Production** – The WMC supports you on the shop floor, helping you assemble the required configurations yourself. Especially in times of skilled labor shortages, the WMC makes your production more efficient. With its user-friendly interface, 3D and touch functions, it eases the workload for your employees.



All information about the software can be found here:
www.weidmueller.com/wmc

New Online Configurator – Experience the Future of Digital Engineering

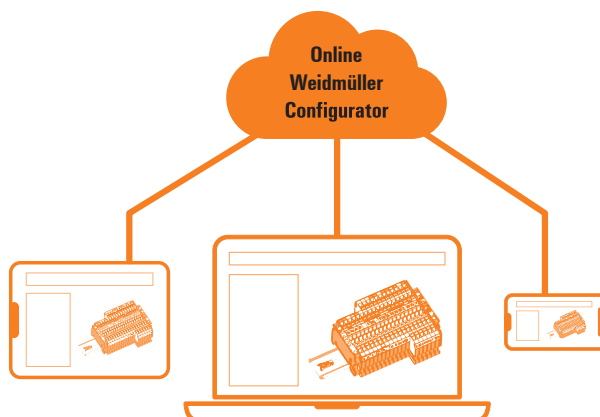
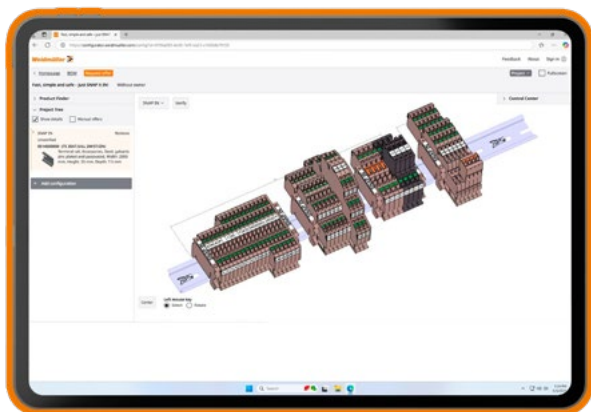
Configure. Share. Access anywhere.

**Online
Weidmüller
Configurator**
From November
2025

Online & Ready to Go: No installation required – use the Online Configurator directly in your browser. Access it flexibly from any device, whether PC or tablet, in the office or on the go. Your production will have a read-only view mode to ensure the security and consistency of your configurations.

Intelligent Optimization with a single Click: Reduce the width of your terminal strip with just one click – no product knowledge needed. Easily switch connection technologies, for example, from screw to PUSH IN or even to our innovative SNAP IN technology. Or take it a step further and transform your configured rail directly for labeling with the Klippon® Automated RailLaser.

Easy Transition – Seamlessly Integrated: Thanks to the integrated cloud upload function, you can transfer your existing terminal strip configurations from the WMC with just one click.



Start online now!
Configure anywhere, anytime and online.
configurator.weidmueller.com



Fast Delivery with Both Configurators:

Whether you use the WMC or the Online Configurator – individually configured mounting rails (and enclosures in the WMC) can be directly transferred to the “Fast Delivery Service.” You will receive ready-to-install solutions in the shortest possible time. This combines maximum customization with minimal delivery time, allowing you to benefit from fast and reliable delivery.

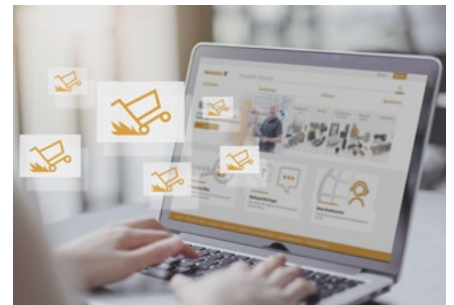
Digital ordering options

Your digital ordering options at Weidmüller

Find and easily select the products you need, with convenient ordering: as your Partner in Industrial Connectivity, we know what counts in purchasing. That is why we offer you a variety of options for ordering products from us and optimising your purchasing processes to meet your individual requirements and your workflow. The choice is yours.

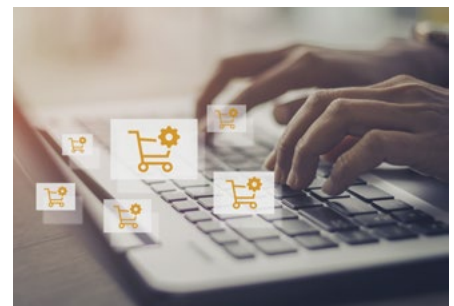
Order via the Weidmüller eShop

Our eShop offers you access to the complete Weidmüller product range around the clock – directly from a PC, tablet, or smartphone. The intuitive user guidance supports you as you select from over 50,000 products. Technical data, prices, and availabilities are available at any time. The shopping basket with check out function lets you place an order in seconds. Convenient additional functions like CSV upload, order history, reports, or custom order templates make your ordering processes even more efficient.



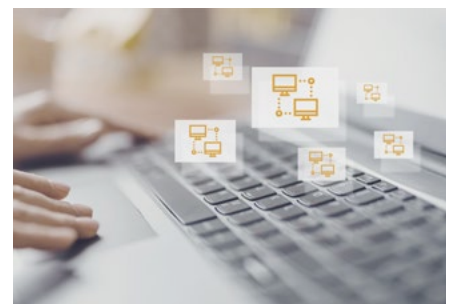
Order via the OCI interface

The Open Catalogue Interface (OCI) facilitates the exchange of data between your enterprise resource planning system and our eShop. This means that our eShop is integrated into your system via an OCI interface, so you have access to our complete product catalogue from your enterprise resource planning system. You can filter and select products, place them in your shopping basket and place direct orders without changing your software application. The open OCI standard is supported worldwide from a variety of software providers.



Order via the EDI interface

Our Electronic Data Interchange (EDI) also offers you the option of ordering our products directly from your enterprise resource planning system. All order data is transmitted automatically to our system and processed immediately. Orders, order confirmations, invoices, and delivery notices are transmitted lightning fast. This helps you make your purchasing processes even more efficient.



We will be glad to advise you on which solutions are suitable for you and how implementation is possible.
Get in touch with us
www.weidmueller.com/digital-order

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CB 1000/12,5 BK	7940006085	F.24
CB 135/2,5 BK	7940006047	F.24
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CB 140/3,5 NC	1278700000	F.24
CB 160/2,6 BK	7940006049	F.24
CB 160/2,6 NC	7940006048	F.24
CB 160/4,5 BK	1723560000	F.24
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CB 180/7,8 NC	7940006064	F.24
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CB 200/2,6 NC	7940006050	F.24
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CB 250/4,8 BK	7940006055	F.24
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CB 430/4,5 BK	7940006061	F.24
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CB 500/12,5 BK	7940006079	F.24
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CB 540/7,5 BK	7940006073	F.24
CB 540/7,5 NC	7940006072	F.24
CB 750/7,5 BK	1720670000	F.24
CB 750/7,5 NC	1720680000	F.24
CB 780/9 BK	7940006075	F.24
CB 780/9 NC	7940006074	F.24
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CB-R 250/7,5 NC	1059220000	F.24
CB-R 350/7,5 BK	1059250000	F.24
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CB-VT 200/4,5 WT	2659520000	F.24
CB-VT 290/4,8 WT	2659530000	F.24
CB-VT 365/7,5 WT	2659540000	F.24
CB-VT 98/2,5 WT	2659490000	F.24
CBFP 43.5/10 BK	1859410000	F.27

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CBH 27/27 NC	1289400000	F.27
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CC 85/54 MC NE GE	1138410000	C.149
CC 85/54 MC NE GR	1138420000	C.149
CC 85/54 MC NE WS	1138400000	C.149
CC 85/54 MC SDR	1138460000	C.149
CC 85/54 MM GE	2005280000	D.47
CC 85/54 MM GR	2005290000	D.47
CC 85/54 MM SW	2005310000	D.47
CC 85/54 MM WS	2005270000	D.47
CC 85/54 04MM MC NE GE	1248490000	C.150
CC 85/54 04MM MC NE GR	1248510000	C.150
CC 85/54 04MM MC NE WS	1248480000	C.150
CC 85/54 04MM MC SDR	1248460000	C.150
CC DIA 30 K MC NE GE	2047390000	C.151
CC DIA 30 K MC NE GR	2047400000	C.151
CC DIA 30 K MC NE WS	2047380000	C.151
CC DIA 30 K MC SDR	2047560000	C.151
CC DIA 30/3,5 MC NE GE	1266130000	C.150
CC DIA 30/3,5 MC NE GR	1266140000	C.150
CC DIA 30/3,5 MC NE RT	1434110000	C.150
CC DIA 30/3,5 MC NE WS	1266120000	C.150
CC DIA 30/3,5 MC SDR	1266150000	C.150
CC DIA 30/4,2 MC NE GE	1248530000	C.151
CC DIA 30/4,2 MC NE GR	1248540000	C.151
CC DIA 30/4,2 MC NE WS	1248520000	C.151
CC DIA 30/4,2 MC SDR	1248470000	C.151
CC-DT 15/27 K MC NE BL	3008620000	C.144
CC-DT 15/27 K MC SDR	3009000000	C.144
CC-DT 15/27 MC NE BL	3008540000	C.144
CC-DT 15/27 MC SDR	3008990000	C.144
CC-DT 15/49 K MC NE BL	3008650000	C.145
CC-DT 15/49 K MC SDR	3009020000	C.145
CC-DT 15/49 MC NE BL	3008630000	C.145
CC-DT 15/49 MC SDR	3009010000	C.145
CC-DT 30/60 K MC NE BL	2737730000	C.147
CC-DT 30/60 K MC SDR	3009040000	C.147
CC-DT 30/60 MC NE BL	2737720000	C.147
CC-DT 30/60 MC SDR	3009050000	C.147
CC-DT 85/54 K MC NE BL	2737750000	C.149
CC-DT 85/54 K MC SDR	3009070000	C.149
CC-DT 85/54 MC NE BL	2737740000	C.149
CC-DT 85/54 MC SDR	3009060000	C.149
CC-DTH 15/27 BL	3009090000	C.144
CC-DTH 15/49 BL	3009100000	C.145
CC-DTH 85/54 BL	2737770000	C.149
CC-FD 15/27 MM GE	2621380000	D.48
CC-FD 15/27 MM SI	2621390000	D.48
CC-FD 15/27 MM WS	2621370000	D.48
CC-FD 15/45 MM GE	2621350000	D.48
CC-FD 15/45 MM SI	2621360000	D.48
CC-FD 15/45 MM WS	2621340000	D.48
CC-FD 15/60 MM GE	2621320000	D.48
CC-FD 15/60 MM SI	2621330000	D.48
CC-FD 15/60 MM WS	2621310000	D.48
CC-FD 30/60 MM GE	2621290000	D.48
CC-FD 30/60 MM SI	2621300000	D.48
CC-FD 30/60 MM WS	2621280000	D.48
CC-FD 74/101 MM GE	2885740000	D.48
CC-FD 74/101 MM SI	2885730000	D.48
CC-FD 74/101 MM WS	2885720000	D.48
CC-FD 85/54 MM GE	2621260000	D.48
CC-FD 85/54 MM SI	2621270000	D.48
CC-FD 85/54 MM WS	2621250000	D.48
CC-H 15/17	1790430000	C.143
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CC-H 15/60	1878910000	C.146
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CC-H 85/27 GR	1675130002	C.148
CC-H 85/27 SW	1675130001	C.148
CC-H 85/54 BG	1631640003	C.149
CC-H 85/54 GR	1631640002	C.149
CC-H 85/54 SW	1631640001	C.149
CC-HO 85/54 SW	1603290000	C.149
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CC-M 10/30 2X2.5 AL SDR	1505140000	C.155
CC-M 10/30 2X2.5 ST	1500150000	C.155
CC-M 10/30 2X2.5 ST SDR	1500150000	C.155
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CC-M 15/45 2X3 AL SDR	1474310000	C.157
CC-M 15/45 2X3 ST	1327920000	C.157

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CLJ C 02-3 GE/SW 4 MP	0252111514	E 11
CLJ C 02-3 GE/SW 5 CD	1568241517	E 13
CLJ C 02-3 GE/SW 6 CD	1568241520	E 13
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CLJ C 02-3 GE/SW 9 CD	1568241529	E 13
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CLJ C 02-3 GE/SW - MP	0252111750	E 12
CLJ C 02-3 GE/SW - CD	1568241751	E 14
CLJ C 02-3 GE/SW - MP	0252111751	E 12
CLJ C 02-3 GE/SW A CD	1568241637	E 14
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CLJ C 02-3 GE/SW AC MP	0252111752	E 12
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CLJ C 02-3 GE/SW B MP	0252111639	E 12
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CLJ C 02-3 RT/WS - CD	1568241737	E 14
CLJ C 02-3 RT/WS - MP	0252111737	E 12
CLJ C 02-3 RT/WS 2 CD	1568241509	E 13
CLJ C 02-3 RT/WS 2 MP	0252111509	E 11
CLJ C 02-3 SDR CD	1568249999	E 9
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CLJ C 02-6 GE/SW A1 CD	1568241726	E.15
CLJ C 02-6 GE/SW A1 MP	0252111726	E.15
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CLJ C 02-6 GE/SW L1 CD	1568241728	E.15
CLJ C 02-6 GE/SW L1 MP	0252111728	E.15
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CLJ C 02-6 GE/SW L3 CD	1568241730	E.15
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CLJ C 02-6 SDR CD	1869999999	E.9
CLJ C 02-9 GE/SW PEN CD	1568241734	E.15
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CLJ C 02-9 SDR CD	1899290000	E.9
CLJ C 1-12 SDR SG	1873350000	E.10
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CLJ C 1-3 BR/WS 1 CD	1568251506	E.18
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CLJ C 1-3 GE/SW J MP	0252611655	E.17
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CUJ C 1-3 GE/SW PET. MP	0252611747	E 20
CUJ C 1-3 GE/SW Q CD	1568251669	E 19
CUJ C 1-3 GE/SW Q MP	0252611669	E 17
CUJ C 1-3 GE/SW R CD	1568251671	E 19
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CUJ C 1-3 GE/SW Å MP	0252611697	E 17
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CU C 1-6 GE NE CD	1868811687	E 8
CU C 1-6 GE/SW 01 CD	1868811522	E 22
CU C 1-6 GE/SW 01 MP	0252711522	E 21
CU C 1-6 GE/SW 02 CD	1868811523	E 22
CU C 1-6 GE/SW 02 MP	0252711523	E 21
CU C 1-6 GE/SW 03 CD	1868811524	E 22
CU C 1-6 GE/SW 03 MP	0252711524	E 21
CU C 1-6 GE/SW 04 CD	1868811525	E 22
CU C 1-6 GE/SW 04 MP	0252711525	E 21
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CU C 1-6 GE/SW 06 MP	0252711527	E 21
CU C 1-6 GE/SW 07 CD	1868811528	E 22
CU C 1-6 GE/SW 07 MP	0252711528	E 21
CU C 1-6 GE/SW 08 CD	1868811529	E 22
CU C 1-6 GE/SW 08 MP	0252711529	E 21
CU C 1-6 GE/SW 09 CD	1868811530	E 22
CU C 1-6 GE/SW 09 MP	0252711530	E 21
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CU C 1-6 GE/SW L2 MP	0252711729	E 21
CU C 1-6 GE/SW L3 CD	1868811730	E 23
CU C 1-6 GE/SW L3 MP	0252711730	E 21
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CU C 1-6 GE/SW PE MP	0252711733	E 21
CU C 1-6 GE/SW U1 CD	1868811735	E 23
CU C 1-6 GE/SW U2 CD	1868811736	E 23
CU C 1-6 GE/SW UN CD	1868811738	E 23
CU C 1-6 GE/SW X1 CD	1868811150	E 23
CU C 1-6 GE/SW X2 CD	1868811151	E 23
CU C 1-6 SDR CD	0252709989	E 9
CU C 1-6 SDR SG	1912700000	E 10
CU C 1-9 GE/SW PEN CD	1868811734	E 23
CU C 1-9 GE/SW PEN MP	0252711734	E 22
CU C 1-9 SDR CD	0258208999	E 9
CU C 1-9 SDR SG	1868819999	E 10
CU C 2-12 SDR SG	1873380000	E 10
CU C 2-15 SDR SG	1873390000	E 10
CU C 2-18 GE NE SG	1871831687	E 8
CU C 2-18 SDR SG	1871839999	E 10
CU C 2-21 SDR SG	1873400000	E 10
CU C 2-24 SDR SG	1912710000	E 10
CU C 2-27 SDR SG	1912720000	E 10
CU C 2-30 SDR SG	1912730000	E 10
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CU C 2-36 SDR SG	1912750000	E 10
CU C 2-39 SDR SG	1912760000	E 10
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CU C 2-4 BL/WS 6 CD	1568261521	E 25
CU C 2-4 BL/WS 6 MP	0251311521	E 23
CU C 2-4 BR/WS 1 CD	1568261506	E 25
CU C 2-4 BR/WS 1 MP	0251311506	E 23
CU C 2-4 GE NE CD	0171301687	E 8
CU C 2-4 GE/SW + CD	1568261738	E 26
CU C 2-4 GE/SW + MP	0251311738	E 25
CU C 2-4 GE/SW - CD	1568261740	E 26
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CU C 2-4 GE/SW A CD	1568261637	E 26
CU C 2-4 GE/SW A MP	0251311637	E 24
CU C 2-4 GE/SW AC CD	1568261752	E 26

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CLJ C 2.4 GE/SW C CD	1568261641	E.26
CLJ C 2.4 GE/SW C MP	0251311641	E.24
CLJ C 2.4 GE/SW D CD	1568261643	E.26
CLJ C 2.4 GE/SW D MP	0251311643	E.24
CLJ C 2.4 GE/SW E CD	1568261645	E.26
CLJ C 2.4 GE/SW E MP	0251311645	E.24
CLJ C 2.4 GE/SW ET CD	1568261746	E.26
CLJ C 2.4 GE/SW ET MP	0251311746	E.25
CLJ C 2.4 GE/SW F CD	1568261647	E.26
CLJ C 2.4 GE/SW F MP	0251311647	E.24
CLJ C 2.4 GE/SW G CD	1568261649	E.26
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CLJ C 2.4 GE/SW H CD	1568261651	E.26
CLJ C 2.4 GE/SW H MP	0251311651	E.24
CLJ C 2.4 GE/SW I CD	1568261653	E.26
CLJ C 2.4 GE/SW I MP	0251311653	E.24
CLJ C 2.4 GE/SW J CD	1568261655	E.26
CLJ C 2.4 GE/SW J MP	0251311655	E.24
CLJ C 2.4 GE/SW K CD	1568261657	E.26
CLJ C 2.4 GE/SW K MP	0251311657	E.24
CLJ C 2.4 GE/SW L CD	1568261659	E.26
CLJ C 2.4 GE/SW L MP	0251311659	E.24
CLJ C 2.4 GE/SW M CD	1568261661	E.26
CLJ C 2.4 GE/SW M MP	0251311661	E.24
CLJ C 2.4 GE/SW N CD	1568261663	E.26
CLJ C 2.4 GE/SW N MP	0251311663	E.24
CLJ C 2.4 GE/SW O CD	1568261665	E.26
CLJ C 2.4 GE/SW O MP	0251311665	E.24
CLJ C 2.4 GE/SW P CD	1568261667	E.26
CLJ C 2.4 GE/SW P MP	0251311667	E.24
CLJ C 2.4 GE/SW PET. MP	0251311747	E.25
CLJ C 2.4 GE/SW Q CD	1568261669	E.26
CLJ C 2.4 GE/SW Q MP	0251311669	E.24
CLJ C 2.4 GE/SW R CD	1568261671	E.26
CLJ C 2.4 GE/SW R MP	0251311671	E.24
CLJ C 2.4 GE/SW S CD	1568261673	E.26
CLJ C 2.4 GE/SW S MP	0251311673	E.24
CLJ C 2.4 GE/SW T CD	1568261676	E.26
CLJ C 2.4 GE/SW T MP	0251311676	E.24
CLJ C 2.4 GE/SW U CD	1568261679	E.26
CLJ C 2.4 GE/SW U MP	0251311679	E.24
CLJ C 2.4 GE/SW V CD	1568261681	E.26
CLJ C 2.4 GE/SW V MP	0251311681	E.24
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CLJ C 2.4 GE/SW W MP	0251311683	E.24
CLJ C 2.4 GE/SW X CD	1568261687	E.26
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CLJ C 2.4 GE/SW Y CD	1568261696	E.26
CLJ C 2.4 GE/SW Y MP	0251311696	E.24
CLJ C 2.4 GE/SW Z CD	1568261698	E.26
CLJ C 2.4 GE/SW Z MP	0251311698	E.24
CLJ C 2.4 GE/SW Ä MP	0251311699	E.25
CLJ C 2.4 GE/SW Æ CD	1568261735	E.26
CLJ C 2.4 GE/SW Ø MP	0251311695	E.25
CLJ C 2.4 GE/SW Ø MP	0251311736	E.25
CLJ C 2.4 GN/WS 5 CD	1568261518	E.26
CLJ C 2.4 GN/WS 5 MP	0251311518	E.25
CLJ C 2.4 GR/SW 8 CD	1568261527	E.23
CLJ C 2.4 GR/SW 8 MP	0251311527	E.23
CLJ C 2.4 DR/SW 3 CD	1568261512	E.25
CLJ C 2.4 DR/SW 3 MP	0251311512	E.23
CLJ C 2.4 RT/WS + CD	1568261737	E.26
CLJ C 2.4 RT/WS 2 CD	1568261509	E.25
CLJ C 2.4 RT/WS 2 MP	0251311509	E.23
CLJ C 2.4 SDR CD	1568269999	E.10
CLJ C 2.4 SW/WS 0 CD	1568261503	E.25
CLJ C 2.4 SW/WS 0 MP	0251311503	E.23
CLJ C 2.4 V/WS 7 CD	1568261524	E.25
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CLJ C 2.4 WS/WS 0 MP	0251311000	E.24
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CLJ C 2.4 WS/WS 4 MP	0251310004	E.24
CLJ C 2.4 WS/WS 5 MP	0251310005	E.24
CLJ C 2.4 WS/WS 6 MP	0251310006	E.24
CLJ C 2.4 WS/WS 7 MP	0251310007	E.24
CLJ C 2.4 WS/WS 8 MP	0251310008	E.24
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CLJ C 2.4 WS/SW 9 MP	0251310009	E.24
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CLJ C 2.6 GE/SW L1 MP	1871891728	E.27
CLJ C 2.6 GE/SW L2 CD	1871901729	E.27
CLJ C 2.6 GE/SW L2 MP	1871891729	E.27
CLJ C 2.6 GE/SW L3 CD	1871901730	E.27
CLJ C 2.6 GE/SW L3 MP	1871891730	E.27
CLJ C 2.6 GE/SW PE CD	1871901731	E.27
CLJ C 2.6 SDR CD	1871909999	E.10
CLJ C 2.9 GE NE CD	1871971687	E.18
CLJ C 2.9 GE/SW PEN CD	1871971734	E.27
CLJ C 2.9 GE/SW PEN MP	1872031734	E.27
CLJ C 2.9 SDR CD	1899240000	E.10
CLJ C 2.9 SDR SG	1871979999	E.10

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CLJ C 3-6 GE/SW / MP	0253411742	E.29
CLJ C 3-6 GE/SW 2 MP	0253411738	E.29
CLJ C 3-6 GE/SW - MP	0253411740	E.29
CLJ C 3-6 GE/SW - MP	0253411748	E.29
CLJ C 3-6 GE/SW 0 MP	0253411502	E.28
CLJ C 3-6 GE/SW 1 MP	0253411505	E.28
CLJ C 3-6 GE/SW 2 MP	0253411508	E.28
CLJ C 3-6 GE/SW 3 MP	0253411511	E.28
CLJ C 3-6 GE/SW 4 MP	0253411514	E.28
CLJ C 3-6 GE/SW 5 MP	0253411517	E.28
CLJ C 3-6 GE/SW 6 MP	0253411520	E.28
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CLJ C 3-6 GE/SW 8 MP	0253411526	E.28
CLJ C 3-6 GE/SW 9 MP	0253411529	E.28
CLJ C 3-6 GE/SW - MP	0253411750	E.29
CLJ C 3-6 GE/SW - MP	0253411751	E.29
CLJ C 3-6 GE/SW A MP	0253411637	E.28
CLJ C 3-6 GE/SW AC MP	0253411752	E.29
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CLJ C 3-6 GE/SW D MP	0253411643	E.28
CLJ C 3-6 GE/SW E MP	0253411645	E.28
CLJ C 3-6 GE/SW ET MP	0253411746	E.29
CLJ C 3-6 GE/SW F MP	0253411647	E.28
CLJ C 3-6 GE/SW G MP	0253411649	E.28
CLJ C 3-6 GE/SW H MP	0253411651	E.28
CLJ C 3-6 GE/SW I MP	0253411653	E.28
CLJ C 3-6 GE/SW J MP	0253411655	E.28
CLJ C 3-6 GE/SW K MP	0253411657	E.28
CLJ C 3-6 GE/SW L MP	0253411659	E.28
CLJ C 3-6 GE/SW M MP	0253411661	E.28
CLJ C 3-6 GE/SW N MP	0253411663	E.28
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CLJ C 3-6 GE/SW P MP	0253411667	E.28
CLJ C 3-6 GE/SW Q MP	0253411669	E.28
CLJ C 3-6 GE/SW R MP	0253411671	E.28
CLJ C 3-6 GE/SW S MP	0253411673	E.28
CLJ C 3-6 GE/SW T MP	0253411676	E.28
CLJ C 3-6 GE/SW U MP	0253411679	E.28
CLJ C 3-6 GE/SW V MP	0253411681	E.28
CLJ C 3-6 GE/SW W MP	0253411683	E.28
CLJ C 3-6 GE/SW X MP	0253411687	E.28
CLJ C 3-6 GE/SW Y MP	0253411696	E.28
CLJ C 3-6 GE/SW Z MP	0253411698	E.28
CLJ C 3-6 SDR SG	1872309999	E.11
CLJ C 3-9 GE/SW A1 MP	0253511726	E.29
CLJ C 3-9 GE/SW A2 MP	0253511727	E.29
CLJ C 3-9 GE/SW L1 MP	0253511728	E.29
CLJ C 3-9 GE/SW L2 MP	0253511729	E.29
CLJ C 3-9 GE/SW L3 MP	0253511730	E.29
CLJ C 3-9 GE/SW PE MP	0253511733	E.29
CLJ C 3-9 GE/SW PEN MP	1872661733	E.29
CLJ C 3-9 GE/SW SL MP	0253511735	E.29
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CLJ C 3-9 GE/SW X2 MP	0253511751	E.29
CLJ C 3-9 SDR SG	1872659999	E.11
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CLJ M 2-15 SDR SG	1899260000	E.43
CLJ M 2-18 SDR SG	1899230000	E.43
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CLJ M 2-24 SDR SG	1912860000	E.43
CLJ M 2-25G GE NE SG	1886531687	E.43
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CLJ M 2-36 SDR SG	1912950000	E.43
CLJ M 2-39 SDR SG	1912960000	E.43
CLJ M 2.4 BL/WS - CD	1568301741	E.46
CLJ M 2.4 BL/WS 6 CD	1568301521	E.46
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CLJ M 2.4 BR/WS 1 CD	1568301506	E.46
CLJ M 2.4 BR/WS 1 MP	1733651506	E.44
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CLJ M 2.4 GE NE MP	1733650004	E.43
CLJ M 2.4 GE/SW / CD	1568301742	E.46
CLJ M 2.4 GE/SW / MP	1733651742	E.44
CLJ M 2.4 GE/SW + CD	1568301738	E.46
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CLJ M 2.4 GE/SW 0 MP	1733651502	E.45
CLJ M 2.4 GE/SW 1 CD	1568301505	E.47
CLJ M 2.4 GE/SW 1 MP	1733651505	E.45
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CLJ M 2.4 GE/SW 3 MP	1733651511	E.45
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CLJ M 2.4 GE/SW 4 CD	1568301514	E.47
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CLJ M 2.4 GE/SW 5 MP	1733651517	E.45
CLJ M 2.4 GE/SW 6 CD	1568301520	E.47
CLJ M 2.4 GE/SW 6 MP	1733651520	E.45
CLJ M 2.4 GE/SW 7 CD	1568301523	E.47
CLJ M 2.4 GE/SW 7 MP	1733651523	E.45
CLJ M 2.4 GE/SW 8 CD	1568301526	E.47
CLJ M 2.4 GE/SW 8 MP	1733651526	E.45
CLJ M 2.4 GE/SW 9 CD	1568301529	E.47
CLJ M 2.4 GE/SW 9 MP	1733651529	E.45
CLJ M 2.4 GE/SW : CD	1568301750	E.46
CLJ M 2.4 GE/SW : MP	1733651750	E.44
CLJ M 2.4 GE/SW = CD	1568301751	E.46
CLJ M 2.4 GE/SW = MP	1733651751	E.44
CLJ M 2.4 GE/SW A CD	1568301699	E.46
CLJ M 2.4 GE/SW A CD	1568301637	E.47
CLJ M 2.4 GE/SW A MP	1733651637	E.45
CLJ M 2.4 GE/SW AC CD	1568301752	E.46
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CLJ M 2.4 GE/SW B MP	1733651639	E.45
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CLJ M 2.4 GE/SW ET MP	1733651746	E.44
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CLJ M 2.4 GE/SW F MP	1733651647	E.45
CLJ M 2.4 GE/SW G CD	1568301649	E.47
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CLJ M 2.4 GE/SW H MP	1733651651	E.45
CLJ M 2.4 GE/SW I CD	1568301653	E.47
CLJ M 2.4 GE/SW I MP	1733651653	E.45
CLJ M 2.4 GE/SW J CD	1568301655	E.47
CLJ M 2.4 GE/SW J MP	1733651655	E.45
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CLJ M 2.4 GE/SW PET. MP	1733651747	E.44
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CLJ M 2.4 GE/SW Ø MP	1733651695	E.44
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CLJ M 2.4 GN/WS 5 MP	1733651518	E.44
CLJ M 2.4 GR/SW 8 CD	1568301527	E.46
CLJ M 2.4 GR/SW 8 MP	1733651527	E.44
CLJ M 2.4 OR/SW 3 CD	1568301512	E.46
CLJ M 2.4 OR/SW 3 MP	1733651512	E.44
CLJ M 2.4 RT/WS 2 CD	1568301509	E.46
CLJ M 2.4 RT/WS 2 MP	1733651509	E.44
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CLJ M 2.4 V/WS 7 MP	1733651524	E.44
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CLJ M 2.4 WS/SW 1 CD	1568301697	E.47
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CUJ 0 30-3 GE/SW 3 MP	0648201511	E.40
CUJ 0 30-3 GE/SW 4 MP	0648201514	E.40
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CUJ 0 30-3 GE/SW ET MP	0648201746	E.41
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CUJ 0 30-3 GE/SW I MP	0648201653	E.41
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CUJ 0 30-3 GE/SW Q MP	0648201669	E.41
CUJ 0 30-3 GE/SW R MP	0648201671	E.41
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EL 100 MM SW 30M	2528430000	0.49
EL 100 MM WS 30M	2006720000	0.49
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EL 12 MM GN 30M	2528320000	0.49
EL 12 MM RT 30M	2528220000	0.49
EL 12 MM SI 30M	2006560000	0.49
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EL 15 MM BL 30M	2518990000	0.49
EL 15 MM GE 30M	2006600000	0.49
EL 15 MM GN 30M	2528330000	0.49
EL 15 MM RT 30M	2528270000	0.49
EL 15 MM SI 30M	2006610000	0.49
EL 15 MM SW 30M	2528390000	0.49
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EL 27 MM GN 30M	2528340000	0.49
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EL 38 MM GE 30M	2006670000	0.49
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EL 38 MM RT 30M	2528290000	0.49
EL 38 MM SI 30M	2006650000	0.49
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EL 6 MM GE 30M	2621410000	0.49
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EL 60 MM GE 30M	2006700000	0.49
EL 60 MM GN 30M	2528360000	0.49
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EL 60 MM SI 30M	2006680000	0.49
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ELS 16/40 MC NE WS	1045620000	C.82
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ELS 8/30 MC NE GE	1045580000	F.17
ELS 8/30 MC NE WS	1045570000	C.81
ELS 8/30 MC NE WS	1045570000	C.97
ELS 8/30 MC NE WS	1045570000	F.4
ELS 8/30 MC NE WS	1045570000	F.8
ELS 8/30 MC NE WS	1045570000	F.17
ELS 8/30 MC SDR	1045660000	C.81
ELS 8/30 MC SDR	1045660000	C.97
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ELS 8/30 MM WS	2009980000	F.4
ELS 8/30 MM WS	2009980000	F.8
ELS 8/30 MM WS	2009980000	F.17
ELS 7/40 MC NE GE	1045650000	C.81
ELS 7/40 MC NE GE	1045650000	F.7
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ELS 7/40 MC NE WS	1045640000	F.7
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ESG 10/17 MC SDR	1856710000	C.128
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ESG 5/10 MC SDR	1038940000	C.109
ESG 6/6/11 BHZ 5.00 SDR	1346330000	C.111
ESG 6/6/11 BHZ 5.00/02	1082490000	C.111
ESG 6/6/15 BHZ 5.00 SDR	1346320000	C.112
ESG 6/6/15 BHZ 5.00/03	1082520000	C.112
ESG 6/6/20 BHZ 5.00 SDR	1221520000	C.112
ESG 6/6/20 BHZ 5.00/04	1082540000	C.112
ESG 6/15 F MC NE WS	1136810000	C.109
ESG 6/15 K MC NE GE	1880130000	C.110
ESG 6/15 K MC NE WS	1880100000	C.109
ESG 6/15 K MC SDR	1880090000	C.109
ESG 6/15 MM GE	2619950000	0.43
ESG 6/15 MM GR	2619960000	0.43
ESG 6/15 MM WS	2619940000	0.43
ESG 6/15 RIDER MC NE GE	1378710000	C.110
ESG 6/15 RIDER MC NE WS	1881280000	C.110
ESG 6/15 RIDER MC SDR	1881290000	C.110
ESG 6/17 K MC NE GE	1880110000	C.111
ESG 6/17 K MC NE WS	1880120000	C.111
ESG 6/17 K MC SDR	1880080000	C.111
ESG 6/17 MM GE	2005110000	0.43
ESG 6/17 MM GR	2005120000	0.43
ESG 6/17 MM SW	2005130000	0.43
ESG 6/17 MM WS	2005100000	0.43
ESG 7/10 MC NE TU	2569890000	C.113
ESG 7/10 MC NE WS	2569880000	C.113
ESG 7/10 MC SDR	2580920000	C.113
ESG 7/20 SIRIUS MC NE GE	1736181687	C.113
ESG 7/20 SIRIUS MC NE GE	1736181687	F.17
ESG 7/20 SIRIUS MC NE GE	1736181687	F.23
ESG 7/20 SIRIUS MC NE TU	1736181696	C.113
ESG 7/20 SIRIUS MC NE TU	1736181696	F.17
ESG 7/20 SIRIUS MC NE WS	1736181044	C.113
ESG 7/20 SIRIUS MC NE WS	1736181044	F.17
ESG 8/10 ASI MC NE WS	1736190000	C.114
ESG 8/10 ASI MC SDR	1770470000	C.114
ESG 8/11 MC NE WS	1897570000	C.115
ESG 8/11 MC SDR	1038850000	C.115
ESG 8/13/5/43.3 SAI AU	1912130000	C.115
ESG 8/13/5/43.3 SAI SDR	1038860000	C.115
ESG 8/17 L MC NE WS	1890470000	C.116
ESG 8/17 L MC SDR	1038870000	C.116
ESG 8/17 MC NE WS	1674740000	C.116
ESG 8/17 MC SDR	1674750000	C.116
ESG 8/17 OF MC NE WS	2681860000	C.119
ESG 8/17 OF MC SDR	2682060000	C.119
ESG 8/17 SCHS MC NE WS	1720610000	C.118
ESG 8/17 SCHS MC NE WS	1720610000	F.22
ESG 8/17 SCHS MC SDR	1766840000	C.

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ESG 8/19 MC SDR	1652230000	C.120
ESG 8/20 MM GE	2005150000	0.43
ESG 8/20 MM GR	2005160000	0.43
ESG 8/20 MM SW	2005170000	0.43
ESG 8/20 MM WS	2005140000	0.43
ESG 9/10 MC NE WS	1775910000	C.120
ESG 9/10 MC SDR	1038880000	C.120
ESG 9/11 K MC NE WS	1857440000	C.121
ESG 9/11 K MC SDR	1857450000	C.121
ESG 9/17 K MC NE GE	1753500000	C.122
ESG 9/17 K MC NE WS	1674760000	C.122
ESG 9/17 K MC NE WS	1674760000	F.13
ESG 9/17 K MC SDR	1674770000	C.122
ESG 9/17 MC NE WS	1724760000	C.123
ESG 9/17 MC SDR	1770480000	C.123
ESG 9/17 MM GE	2005210000	0.43
ESG 9/17 MM GR	2005230000	0.43
ESG 9/17 MM SW	2005250000	0.43
ESG 9/17 MM WS	2005190000	0.43
ESG 9/17.7 K MC NE WS	2047430000	C.121
ESG 9/17.7 K MC SDR	2047550000	C.121
ESG 9/20 L MC NE GE	1010860000	C.124
ESG 9/20 L MC NE WS	1890460000	C.124
ESG 9/20 L MC SDR	1968140000	C.124
ESG 9/20 MC NE GE	1766160000	C.124
ESG 9/20 MC NE TK	1866890000	C.124
ESG 9/20 MC NE WS	1609940000	C.124
ESG 9/20 MC SDR	1609950000	C.124
ESG 9/20 F MC NE WS	1770500000	C.125
ESG 9/20 F MC SDR	1770510000	C.125
ESG 9/20 UNI MC NE WS	1856720000	C.125
ESG 9/20 UNI MC SDR	1856730000	C.125
ESG 9/26 SCM ECO MC NE GE	1520990000	C.128
ESG 9/26 SCM ECO MC NE GR	1521000000	C.128
ESG 9/26 SCM ECO MC NE WS	1520980000	C.128
ESG 9/26 SCM ECO MC SDR	1525800000	C.128
ESG 9/6 MC NE WS	1888360000	C.126
ESG 9/6 MC SDR	1038940000	C.126
ESG X20 10/7 MC NE BL	1026560000	C.127
ESG X20 10/7 MC NE RT	1026570000	C.127
ESG X20 10/7 MC NE WS	1026550000	C.127
ESG X20 10/7 MC SDR	1038930000	C.127
ESG X20 MC NE BL	1001150001	C.127
ESG X20 MC NE RT	1001170001	C.127
ESG X20 MC NE WS	1001140001	C.127
ESG X20 MC SDR	1038890000	C.127
ESG-DT 8/17 K MC NE BL	3008490000	C.117
ESG-DT 8/17 K MC SDR	3008480000	C.117
ESG-DT 9/17 K MC NE BL	3008480000	C.123
ESG-DT 9/17 K MC SDR	3008970000	C.123
ESG-FI 12/6 MC NE WS	2681820000	C.130
ESG-FI 12/6 MC SDR	2681910000	C.130
ESG-FI 9/15 MC NE WS	2681830000	C.130
ESG-FI 9/15 MC SDR	2681960000	C.130
ESG-FI 9/25 MC NE WS	2681850000	C.131
ESG-FI 9/25 MC SDR	2682010000	C.131
ESG-FD 6/15 MM GE	2620990000	0.43
ESG-FD 6/15 MM SI	2621060000	0.43
ESG-FD 6/15 MM WS	2620980000	0.43
ESG-FD 6/17 MM GE	2620000000	0.43
ESG-FD 6/17 MM SI	2620910000	0.43
ESG-FD 6/17 MM WS	2619990000	0.43
ESG-FD 8/20 MM GE	2620960000	0.43
ESG-FD 8/20 MM SI	2620970000	0.43
ESG-FD 8/20 MM WS	2620950000	0.43
ESG-FD 9/17 MM GE	2620920000	0.43
ESG-FD 9/17 MM SI	2620940000	0.43
ESG-FD 9/17 MM WS	2620930000	0.43
ESG-LP 10/20 MM GE	2885860000	0.44
ESG-LP 10/20 MM SI	2885890000	0.44
ESG-LP 10/20 MM WS	2885870000	0.44
ESG-LP 6/15 MM GE	2711850000	0.44
ESG-LP 6/15 MM SI	2711860000	0.44
ESG-LP 6/15 MM WS	2711840000	0.44
ESG-LP 6/17 MM GE	2885790000	0.44
ESG-LP 6/17 MM SI	2885800000	0.44
ESG-LP 6/17 MM WS	2885780000	0.44
ESG-LP 9/15 MM GE	2835980000	0.44
ESG-LP 9/15 MM SI	2836000000	0.44
ESG-LP 9/15 MM WS	2835990000	0.44
ESG-LP 9/17 MM GE	2885820000	0.44
ESG-LP 9/17 MM SI	2885830000	0.44
ESG-LP 9/17 MM WS	2885810000	0.44
ESG-LP 9/20 MM GE	2885850000	0.44
ESG-LP 9/20 MM SI	2885860000	0.44
ESG-LP 9/20 MM WS	2885840000	0.44
ESGM 8/20 MC NE WS	1027290000	C.129
ESGM 8/20 MC SDR	1038910000	C.129
ESGM 9/17 MC NE WS	1027280000	C.129
ESGM 9/17 MC SDR	1038920000	C.129
ESD 5 DIN A4 GE	1631350000	F.18
ESD 5 DIN A4 GE	1631350000	F.18
ESD 5 DIN A4 WS	1607710000	F.18
ESD 5 DIN A4 WS	1607710000	F.18
ESD 5 P DIN A4 GE	1670380000	F.18
ESD 5 P DIN A4 GE	1670380000	F.18
ESD 5 P DIN A4 WS	1670370000	F.18
ESD 5 P DIN A4 WS	1670370000	F.18
ESD 5 S DIN A4 WS	1631920000	F.18

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ESO 7 DIN A4 GE	1634780000	F.8
ESO 7 DIN A4 GE	1634780000	F.17
ESO 7 DIN A4 WS	1607720000	F.4
ESO 7 DIN A4 WS	1607720000	F.5
ESO 7 DIN A4 WS	1607720000	F.8
ESO 7 DIN A4 WS	1607720000	F.17
ESO 7 P DIN A4 GE	1670400000	F.4
ESO 7 P DIN A4 GE	1670400000	F.5
ESO 7 P DIN A4 GE	1670400000	F.8
ESO 7 P DIN A4 GE	1670400000	F.17
ESO 7 P DIN A4 WS	1670390000	F.4
ESO 7 P DIN A4 WS	1670390000	F.5
ESO 7 P DIN A4 WS	1670390000	F.8
ESO 7 P DIN A4 WS	1670390000	F.17
ESO 8/20 DIN A4 GE	1919900000	F.17
ESO 8/20 DIN A4 WS	1919890000	F.17
ESO 8/20 P DIN A4 WS	1919880000	F.17
ESO 8/20 P DIN A4 WS	1919870000	F.17
ESO/SCHS1 500X12.5X0,3	0139000000	F.21
ETO CC 15/17 TRANSPAR.	1880850000	C.143
ETO CC 15/27 TRANSPAR.	1880810000	C.143
ETO CC 15/49 TRANSPAR.	1880830000	C.145
ETO CC 15/60 TRANSPAR.	1880840000	C.146
ETO CC 30/60 TRANSPAR.	1934440000	C.147
ETO SM 22/22 TRANSPAR.	1880720000	C.134
ETO SM 27/12,5	1720580000	C.135
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ETO SM 27/27	1805840000	C.137
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HS 0.8.2.4/12 MM Y	2526060000	D.33
HS 0.8.2.4/25 MM W	2437470000	D.33
HS 0.8.2.4/25 MM Y	2437480000	D.33
HS 0.8.2.4/50 MM W	2437490000	D.34
HS 0.8.2.4/50 MM Y	2437500000	D.34
HS 1.0.3.2/12 MM W	2526070000	D.33
HS 1.0.3.2/12 MM Y	2526080000	D.33
HS 1.0.3.2/25 MM W	2437510000	D.33
HS 1.0.3.2/25 MM Y	2437520000	D.33
HS 1.0.3.2/50 MM W	2437530000	D.34
HS 1.0.3.2/50 MM Y	2437540000	D.34
HS 1.6.4.8/12 MM W	2526090000	D.33
HS 1.6.4.8/12 MM Y	2526100000	D.33
HS 1.6.4.8/25 MM W	2437550000	D.33
HS 1.6.4.8/25 MM Y	2437560000	D.33
HS 1.6.4.8/50 MM W	2437570000	D.34
HS 1.6.4.8/50 MM Y	2437580000	D.34
HS 12.7.38.1/25 MM W	2437590000	D.33
HS 12.7.38.1/25 MM Y	2437600000	D.33
HS 12.7.38.1/50 MM W	2437610000	D.34
HS 12.7.38.1/50 MM Y	2437620000	D.34
HS 2.1.6.4/12 MM W	2526110000	D.33
HS 2.1.6.4/12 MM Y	2526120000	D.33
HS 2.1.6.4/25 MM W	2437630000	D.33
HS 2.1.6.4/25 MM Y	2437640000	D.33
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HS 3.2.9.5/12 MM W	2526130000	D.33
HS 3.2.9.5/12 MM Y	2526140000	D.33
HS 3.2.9.5/25 MM W	2437670000	D.33
HS 3.2.9.5/25 MM Y	2437680000	D.33
HS 3.2.9.5/50 MM W	2437690000	D.34
HS 3.2.9.5/50 MM Y	2437700000	D.34
HS 4.2.12.7/12 MM W	2526150000	D.33
HS 4.2.12.7/12 MM Y	2526160000	D.33
HS 4.2.12.7/25 MM W	2437710000	D.33
HS 4.2.12.7/25 MM Y	2437720000	D.33
HS 4.2.12.7/50 MM W	2437730000	D.34
HS 4.2.12.7/50 MM Y	2437740000	D.34
HS 6.4.19.1/25 MM W	2437750000	D.33
HS 6.4.19.1/25 MM Y	2437760000	D.33
HS 6.4.19.1/50 MM W	2437770000	D.34
HS 6.4.19.1/50 MM Y	2437780000	D.34
HS 8.5.25.4/25 MM W	2437790000	D.33
HS 8.5.25.4/25 MM Y	2437800000	D.33
HS 8.5.25.4/50 MM W	2437810000	D.34
HS 8.5.25.4/50 MM Y	2437820000	D.34
HSFR 1.2.2.4/25 MM W	2621560000	D.36
HSFR 1.2.2.4/25 MM Y	2621570000	D.36
HSFR 1.6.3.2/25 MM W	2621580000	D.36
HSFR 1.6.3.2/25 MM Y	2621590000	D.36
HSFR 2.4.4.8/25 MM W	2621600000	D.36
HSFR 2.4.4.8/25 MM Y	2621610000	D.36
HSFR 3.2.6.4/25 MM W	2621620000	D.36
HSFR 3.2.6.4/25 MM Y	2621630000	D.36
HSFR 4.8.9.5/25 MM W	2621640000	D.36
HSFR 4.8.9.5/25 MM Y	2621650000	D.36
HSFR 6.4.12.7/25 MM W	2621660000	D.36
HSFR 6.4.12.7/25 MM Y	2621670000	D.36
HSHF 1.2.2.4/12 MM W	2526230000	D.34
HSHF 1.2.2.4/12 MM Y	2526240000	D.34
HSHF 1.2.2.4/25 MM W	2437830000	D.35
HSHF 1.2.2.4/25 MM Y	2437840000	D.35

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HS-HF 1.2-2.4/50 MM W	2437850000	D.35	HSS-HF 12.7-25.4EL Y10M	1423290000	D.37	LM MT300 105/148 SI	1724170001	D.56	MF 4/5.2 MC SDR	1038690000	C.54
HS-HF 1.2-2.4/50 MM Y	2437860000	D.35	HSS-HF 12.7-25.4EL Y30M	1513230000	D.39	LM MT300 105/148 WS	1724171044	D.56	MF 5/10 MC NE WS	1954050000	C.57
HS-HF 1.6-3.2/12 MM W	2526250000	D.34	HSS-HF 12.7-25.4EL Y50M	1562730000	D.39	LM MT300 12/6 GE	1882910000	D.56	MF 5/10 MC SDR	1038730000	C.57
HS-HF 1.6-3.2/12 MM Y	2526260000	D.34	HSS-HF 2.4-4.8 EL B30M	1562870000	D.39	HSS-HF 2.4-4.8 EL Y50M	1724141687	D.56	MF 5/10 MM WS	2885940000	D.20
HS-HF 1.6-3.2/25 MM W	2437870000	D.35	HSS-HF 2.4-4.8 EL G30M	1562970000	D.39	HSS-HF 2.4-4.8 EL R30M	1724140001	D.56	MF 5/12 MC NE WS	1250090000	C.58
HS-HF 1.6-3.2/25 MM Y	2437880000	D.35	HSS-HF 2.4-4.8 EL R30M	1562770000	D.39	HSS-HF 2.4-4.8 EL W13M	1724141044	D.56	MF 5/12 MC SDR	1250080000	C.58
HS-HF 1.6-3.2/50 MM W	2437890000	D.35	HSS-HF 2.4-4.8 EL W13M	1423350000	D.38	HSS-HF 2.4-4.8 EL W30M	1686361687	D.56	MF 5/12 MM WS	2885950000	D.20
HS-HF 1.6-3.2/50 MM Y	2437900000	D.35	HSS-HF 2.4-4.8 EL W30M	1513270000	D.39	HSS-HF 2.4-4.8 EL W75M	1686360001	D.56	MF 5/16 MM WS	2885960000	D.20
HS-HF 12.7-25.4/25 MM W	2437910000	D.35	HSS-HF 2.4-4.8 EL W75M	2904830000	D.40	HSS-HF 2.4-4.8 EL Y13M	1686361044	D.56	MF 5/3.5 MC NE WS	1521010000	C.50
HS-HF 12.7-25.4/25 MM Y	2437920000	D.35	HSS-HF 2.4-4.8 EL Y13M	1423240000	D.38	HSS-HF 2.4-4.8 EL Y30M	1882890000	D.56	MF 5/3.5 MC SDR	1525840000	C.50
HS-HF 12.7-25.4/50 MM W	2437930000	D.35	HSS-HF 2.4-4.8 EL Y30M	1513170000	D.39	HSS-HF 2.4-4.8 EL Y75M	1835820000	D.56	MF 5/3.5 MM WS	2885900000	D.20
HS-HF 12.7-25.4/50 MM Y	2437940000	D.35	HSS-HF 2.4-4.8 EL Y75M	1562670000	D.40	HSS-HF 3.2-6.4 EL B30M	1724151687	D.56	MF 5/4 MC NE WS	1877690000	C.50
HS-HF 19.5-38.1/25 MM W	2437950000	D.35	HSS-HF 3.2-6.4 EL B30M	1562880000	D.39	HSS-HF 3.2-6.4 EL G30M	1724150001	D.56	MF 5/4 MC SDR	1877670000	C.50
HS-HF 19.5-38.1/25 MM Y	2437960000	D.35	HSS-HF 3.2-6.4 EL G30M	1562980000	D.39	HSS-HF 3.2-6.4 EL R30M	1724151044	D.56	MF 5/4.2 MM WS	2885910000	D.20
HS-HF 19.5-38.1/50 MM W	2437970000	D.35	HSS-HF 3.2-6.4 EL R30M	1562780000	D.39	HSS-HF 3.2-6.4 EL W13M	1749321687	D.56	MF 5/5 MC NE WS	1816250000	C.51
HS-HF 19.5-38.1/50 MM Y	2437980000	D.35	HSS-HF 3.2-6.4 EL W13M	1423360000	D.38	HSS-HF 3.2-6.4 EL W30M	1749320001	D.56	MF 5/5 MC SDR	1816320000	C.51
HS-HF 2.4-4.8/12 MM W	2526270000	D.34	HSS-HF 3.2-6.4 EL W30M	1513280000	D.39	HSS-HF 3.2-6.4 EL W75M	1749321044	D.56	MF 5/5 MM BP WS	2619730000	D.20
HS-HF 2.4-4.8/12 MM Y	2526280000	D.34	HSS-HF 3.2-6.4 EL W75M	2788640000	D.40	HSS-HF 3.2-6.4 EL Y13M	1835830000	D.56	MF 5/5 MM WS	2519200000	D.20
HS-HF 2.4-4.8/25 MM W	2437990000	D.35	HSS-HF 3.2-6.4 EL Y13M	1423250000	D.38	HSS-HF 3.2-6.4 EL Y30M	1686381687	D.56	MF 5/6 MC NE WS	1816260000	C.55
HS-HF 2.4-4.8/25 MM Y	2438000000	D.35	HSS-HF 3.2-6.4 EL Y30M	1513180000	D.39	HSS-HF 3.2-6.4 EL Y75M	1686380001	D.56	MF 5/6 MC SDR	1816330000	C.55
HS-HF 2.4-4.8/50 MM W	2438010000	D.35	HSS-HF 3.2-6.4 EL Y75M	1562680000	D.40	HSS-HF 4.8-9.5 EL B30M	1686381044	D.56	MF 5/6 MM BP WS	2619740000	D.20
HS-HF 2.4-4.8/50 MM Y	2438020000	D.35	HSS-HF 4.8-9.5 EL B30M	1562890000	D.39	HSS-HF 4.8-9.5 EL G30M	1915320000	D.56	MF 5/6 MM WS	2519210000	D.20
HS-HF 3.2-6.4/12 MM W	2526290000	D.34	HSS-HF 4.8-9.5 EL G30M	1562990000	D.39	HSS-HF 4.8-9.5 EL W13M	1724181687	D.56	MF 5/7.5 MC NE WS	1877680000	C.56
HS-HF 3.2-6.4/12 MM Y	2526300000	D.34	HSS-HF 4.8-9.5 EL W13M	1423370000	D.38	HSS-HF 4.8-9.5 EL Y30M	1724180001	D.56	MF 5/7.5 MC SDR	1877660000	C.56
HS-HF 3.2-6.4/25 MM W	2438040000	D.35	HSS-HF 4.8-9.5 EL Y30M	1513290000	D.39	HSS-HF 4.8-9.5 EL Y75M	1686441687	D.56	MF 5/7.6 MM WS	2885920000	D.20
HS-HF 3.2-6.4/25 MM Y	2438050000	D.35	HSS-HF 4.8-9.5 EL Y75M	1423260000	D.38	HSS-HF 6.4-12.7 EL B30M	1686440001	D.56	MF 5/8 MM WS	2885930000	D.20
HS-HF 3.2-6.4/50 MM W	2438060000	D.35	HSS-HF 6.4-12.7 EL B30M	1513190000	D.39	HSS-HF 6.4-12.7 EL G30M	1686441044	D.56	MF 8/5 MC NE WS	1677140000	C.52
HS-HF 3.2-6.4/50 MM Y	2438070000	D.35	HSS-HF 6.4-12.7 EL G30M	1562690000	D.40	HSS-HF 6.4-12.7 EL R30M	1686391687	D.56	MF 8/5 MC SDR	1677150000	C.52
HS-HF 4.8-9.5/12 MM W	2526310000	D.34	HSS-HF 6.4-12.7 EL R30M	1562900000	D.39	HSS-HF 6.4-12.7 EL W30M	1686390001	D.56	MF 8/5 MM BP WS	2729340000	D.20
HS-HF 4.8-9.5/12 MM Y	2526320000	D.34	HSS-HF 6.4-12.7 EL W30M	1563020000	D.39	HSS-HF 6.4-12.7 EL Y13M	1686391044	D.56	MF 8/5 MM WS	2518500000	D.20
HS-HF 4.8-9.5/25 MM W	2438090000	D.35	HSS-HF 6.4-12.7 EL Y13M	1562800000	D.39	HSS-HF 6.4-12.7 EL Y30M	1686401687	D.56	MF-ABB 12/5 MC NE WS	2047320000	C.72
HS-HF 4.8-9.5/25 MM Y	2438100000	D.35	HSS-HF 6.4-12.7 EL Y30M	1423380000	D.38	HSS-HF 6.4-12.7 EL Y75M	1686400001	D.56	MF-ABB 12/5 MC SDR	2047460000	C.72
HS-HF 4.8-9.5/50 MM W	2438110000	D.35	HSS-HF 6.4-12.7 EL Y75M	1513300000	D.39	HSS-HF 6.4-12.7 EL W13M	1686401044	D.56	MF-ABB 12/6 MC NE WS	2047340000	C.72
HS-HF 4.8-9.5/50 MM Y	2438120000	D.35	HSS-HF 6.4-12.7 EL W13M	1423270000	D.38	HSS-HF 6.4-12.7 EL W30M	1873810000	D.56	MF-ABB 12/6 MC SDR	20473510000	C.72
HS-HF 6.4-12.7/12 MM W	2526330000	D.34	HSS-HF 6.4-12.7 EL W30M	1513200000	D.39	HSS-HF 6.4-12.7 EL Y13M	1861510000	D.56	MF-ABB 12/8 MC NE WS	2047350000	C.73
HS-HF 6.4-12.7/12 MM Y	2526340000	D.34	HSS-HF 6.4-12.7 EL Y13M	1562700000	D.40	HSS-HF 6.4-12.7 EL Y30M	1724161687	D.56	MF-ABB 12/8 MC SDR	2047520000	C.73
HS-HF 6.4-12.7/25 MM W	2438140000	D.35	HSS-HF 6.4-12.7 EL Y30M	1562920000	D.39	HSS-HF 6.4-12.7 EL Y75M	1724160001	D.56	MF-SI 10/5 MC NE WS	1889190000	C.69
HS-HF 6.4-12.7/25 MM Y	2438150000	D.35	HSS-HF 9.5-19.1 EL B30M	1563030000	D.39	HSS-HF 9.5-19.1 EL G30M	1724161044	D.56	MF-SI 10/5 MC SDR	1889170000	C.69
HS-HF 6.4-12.7/50 MM W	2438160000	D.35	HSS-HF 9.5-19.1 EL G30M	1562820000	D.39	HSS-HF 9.5-19.1 EL R30M	1760461044	D.56	MF-SI 10/5/6.5 MC NE WS	1889800000	C.71
HS-HF 6.4-12.7/50 MM Y	2438170000	D.35	HSS-HF 9.5-19.1 EL R30M	1562390000	D.37	HSS-HF 9.5-19.1 EL W10M	1686421687	D.56	MF-SI 10/5/6.5 MC SDR	1889790000	C.71
HS-HF 9.5-19.1/25 MM W	2438190000	D.35	HSS-HF 9.5-19.1 EL W10M	1513320000	D.39	HSS-HF 9.5-19.1 EL W30M	1686420001	D.56	MF-SI 10/6 MC NE WS	1889260000	C.70
HS-HF 9.5-19.1/25 MM Y	2438200000	D.35	HSS-HF 9.5-19.1 EL W30M	1423280000	D.37	HSS-HF 9.5-19.1 EL Y10M	1686421044	D.56	MF-SI 10/6 MC SDR	1889250000	C.70
HS-HF 9.5-19.1/50 MM W	2438210000	D.35	HSS-HF 9.5-19.1 EL Y10M	1513220000	D.39	HSS-HF 9.5-19.1 EL Y30M	1686431687	D.56	MF-SI 7/5-6.5 MC NE WS	1889780000	C.71
HS-HF 9.5-19.1/50 MM Y	2438220000	D.35	HSS-HF 9.5-19.1 EL Y30M	1562720000	D.39	HSS-HF 9.5-19.1 EL Y50M	1686430001	D.56	MF-SI 7/5-6.5 MC SDR	1889770000	C.71
HSS 0.8-2.4 EL W13M	1489620000	D.37				LM MT300 60/36 SI	1686431044	D.56	MF-SI 8/5 MC NE WS	1889180000	C.69
HSS 0.8-2.4 EL W30M	1505840000	D.37				LM MT300 89/34 WS	1003400000	D.56	MF-SI 8/5 MC SDR	1886270000	C.69
HSS 0.8-2.4 EL Y13M	1489530000	D.37				LM WO 15/140 WS	1773880000	D.31	MF-SI 8/6 MC NE WS	1889240000	C.70
HSS 0.8-2.4 EL Y30M	1505760000	D.37				LM WO 15/70 WS	1759871044	D.31	MF-SI 8/6 MC SDR	1889230000	C.70
HSS 1.0-3.2 EL W13M	1489630000	D.37	INLAY CC-M 10/30	1483770000	C.155	LM WO 18/34 GE	1695711687	D.31	MF-W 5/5 MINI MC NE BL	1924270000	C.65
HSS 1.0-3.2 EL W30M	1505850000	D.37	INLAY CC-M 15/45	1341090000	C.156	LM WO 18/34 WS	1695711044	D.31	MF-W 5/5 MINI MC NE GE	1924280000	C.65
HSS 1.0-3.2 EL Y13M	1489540000	D.37	INLAY CC-M 15/45	1341090000	C.157	LM WO 23/56 GE	1695721687	D.31	MF-W 5/5 MINI MC NE GN	1924290000	C.65
HSS 1.0-3.2 EL Y30M	1505770000	D.37	INLAY CC-M 15/60	1341080000	C.160	LM WO 23/55 WS	1695721044	D.31	MF-W 5/5 MINI MC NE RT	1924260000	C.65
HSS 1.6-4.8 EL W13M	1489640000	D.37	INLAY CC-M 18/52	1390430000	C.158	LM WO 25/47 WS	1768390000	D.31	MF-W 5/5 MINI MC NE WS	1816240000	C.65
HSS 1.6-4.8 EL W30M	1505860000	D.37	INLAY CC-M 27/70	1341040000	C.153	LM WO 25/47 WS	1768380000	D.31	MF-W 5/5 MINI MC SDR	1816310000	C.65
HSS 1.6-4.8 EL Y13M	1489550000	D.37	INLAY CC-M 27/70	1500290000	C.162	LM WO 25/49 WS	1768400000	D.31	MF-W 9/3.5F MC NE WS	1521040000	C.60
HSS 1.6-4.8 EL Y30M	1505780000	D.37	INLAY CC-M 30/60	1341070000	C.161	LM WO 25/140 GE	1712491687	D.31	MF-W 9/3.5F MC SDR	1525830000	C.60
HSS 2.1-6.4 EL W13M	1489650000	D.37	INLAY CC-M 43/70	1500300000	C.162	LM WO 25/140 WS	1712491044	D.31	MF-W 9/4 MC NE WS	1877730000	C.60
HSS 2.1-6.4 EL W30M	1505870000	D.37	INLAY CC-M 58/35	1415950000	C.156	LM WO 25/68 GE	1695731687	D.31	MF-W 9/4 MC SDR	1877710000	C.60
HSS 2.1-6.4 EL Y13M	1489560000	D.37	INLAY CC-M 70/48	1415940000	C.157	LM WO 25/68 WS	1695731044	D.31	MF-W 9/4.2F MC NE WS	1011430000	C.61
HSS 2.1-6.4 EL Y30M	1505790000	D.37	INLAY CC-M 70/48	1415940000	C.158	LM WO 36/93 GE	1695741687	D.31	MF-W 9/4.2F MC SDR	1038750000	C.61
HSS 3.2-9.5 EL W13M	1489660000	D.37	INLAY CC-M 85/27	1341050000	C.154	LM WO 36/93 WS	1695741044	D.31	MF-W 9/5 F MM WS	2519240000	D.20
HSS 3.2-9.5 EL W30M	1505880000	D.37	INLAY CC-M 85/54	1341030000	C.159	LM WO 37/25 GE	1768430000	D.31	MF-W 9/5 MC NE GE	1027310000	C.62
HSS 3.2-9.5 EL Y13M	1489570000	D.37	INLAY CC-M DIA 30	1341100000	C.163				MF-W 9/5 MC NE WS	1816270000	C.62
HSS 3.2-9.5 EL Y30M	1505800000	D.37	INLAY CC-M UNIVERSAL	1341120000	C.153				MF-W 9/5 MC SDR	1816340000	C.62
HSS 4.2-12.7 EL W13M	1489670000	D.37	INLAY CC-M UNIVERSAL	1341120000	C.154	M-PRINT PRO	1905490000	B.4	MF-W 9/5 MM WS	2519230000	D.20
HSS 4.2-12.7 EL W30M	1505890000	D.37	INLAY CC-M UNIVERSAL	1341120000	C.156	M-PRINT PRO	1905490000	C.11	MF-W 9/5.2 F MM WS	2519250000	D.20
HSS 4.2-12.7 EL Y13M	1489580000	D.37	INLAY CC-M UNIVERSAL	1341120000	C.157	M-PRINT PRO	1905490000	C.15	MF-W 9/5.2F MC NE WS	1011410000	C.63
HSS 4.2-12.7 EL Y30M	1505810000	D.37	INLAY CC-M UNIVERSAL	1341120000	C.159	MARKO-C. 25X25X25 B/D.R.	1700530001	E.56	MF-W 9/5.2F MC NE GR	1038760000	C.63
HSS 6.4-19.1 EL W10M	1489680000	D.36	INLAY CC-M UNIVERSAL	1341120000	C.160	MARKO-C. 50X50X50 B/D.R.	1700540001	E.56	MF-W 9/5F MC NE GR	1045980000	C.62
HSS 6.4-19.1 EL W30M	1505900000	D.36	INLAY CC-M UNIVERSAL	1341120000	C.161	MARKO-C. 100X100X100 B/D.R.	1700550001	E.56	MF-W 9/5F MC NE WS	1816280000	C.62
HSS 6.4-19.1 EL Y10M	1489590000	D.36	INLAY CC-M UNIVERSAL	1341120000	C.163	MARKO-C.200X200X200 B/D.R.	1700560001	E.56	MF-W 9/5F MC SDR	1816350000	C.62
HSS 6.4-19.1 EL Y30M	1505820000	D.36	INLAY SFX-M 11/60	1341110000	C.99				MF-W 9/6 MC NE WS	1816290000	C.64
HSS 8.5-25.4 EL W10M	1489690000	D.36	INLAY SFX-M 11/60	1341110000	C.100	MF 10/10 MC NE WS	1856760000	C.57	MF-W 9/6 MC SDR	1816360000	C.64
HSS 8.5-25.4 EL W30M	1505910000	D.37	INLAY SFX-M 17/60	1500330000	C.100	MF 1					

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MULTIMARK PLUS ROLLER MF-W	2661620000	D.7
MULTIMARK PLUS ROLLER TB	2661600000	D.7
MULTIMARK R-FX	2931850000	D.15
MULTIMARK ROLLER 115	1357420000	D.5
MULTIMARK ROLLER 30	1357430000	D.5
MULTIMARK ROLLER MF	2518600000	D.5
MULTIMARK ROLLER MF-W	2519150000	D.5
MULTIMARK ROLLER SFM 1	2799000000	D.5
MULTIMARK ROLLER SFM 2	2786210000	D.5
MULTIMARK ROLLER SFM 3	2719270000	D.5
MULTIMARK ROLLER SFM 4	2835010000	D.5
MULTIMARK ROLLER TB	2438500000	D.5

PAGETAB 15/9	1686160000	E.56
PAGETAB 19/11	1686170000	E.56
PAGETAB 20/8	1686180000	E.56
PAGETAB 28/11	1686190000	E.56
PAGETAB 38/11	1686200000	E.56
PAGETAB 56/22	1686210000	E.56
PAGETAB 60/35	1686220000	E.56
PJ ADV TEXTILE COVER	2592960000	C.11
PJ ADV TNAW	1338710000	C.11
PJ ADV TNTK INK C	1338680000	C.11
PJ ADV TNTK INK K	1338690000	C.11
PJ ADV TNTK INK M	1338670000	C.11
PJ ADV TNTK INK SET	1338720000	C.11
PJ ADV TNTK INK Y	1338650000	C.11
PJ CON FLUID SET	2715650000	C.11
PJ CON INK C	2715610000	C.11
PJ CON INK K	2715640000	C.11
PJ CON INK M	2715620000	C.11
PJ CON INK SET	2715600000	C.11
PJ CON INK Y	2715630000	C.11
PJ CON WASTE PAD	2715660000	C.11
PJ CON WIFI STICK	2715680000	C.11
PJM INK SW	3062650000	C.15
PJM WASTE PAD	3062640000	C.15
PRIMER CC-M	2068020000	C.99
PRIMER CC-M	2068020000	C.100
PRIMER CC-M	2068020000	C.153
PRIMER CC-M	2068020000	C.154
PRIMER CC-M	2068020000	C.155
PRIMER CC-M	2068020000	C.156
PRIMER CC-M	2068020000	C.157
PRIMER CC-M	2068020000	C.158
PRIMER CC-M	2068020000	C.159
PRIMER CC-M	2068020000	C.160
PRIMER CC-M	2068020000	C.161
PRIMER CC-M	2068020000	C.162
PRIMER CC-M	2068020000	C.163
PRINTJET CLEANER	2449710000	C.11
PRINTJET CLEANER 25ML	2912780000	C.11
PRINTJET CONNECT	2715590000	C.11
PRINTJET MINI	3049980000	C.15

RAILLASER	2705010000	C.3
RIBBON HSS HF EL 40/300 SW	1426210000	D.5
RIBBON HSS HF EL 40/300 SW	1426210000	D.7
RIBBON HSS HF EL 40/300 SW	1426210000	D.9
RIBBON HSS HF EL 40/300 SW	1426210000	D.36
RIBBON HSS HF EL 40/300 SW	1426210000	D.37
RIBBON HSS HF EL 40/300 SW	1426210000	D.38
RIBBON HSS HF EL 40/300 SW	1426210000	D.39
RIBBON HSS HF EL 40/300 SW	1426210000	D.40
RIBBON MM 110/300 WS	2918800000	D.5
RIBBON MM 110/300 WS	2918800000	D.7
RIBBON MM 110/300 WS	2918800000	D.15
RIBBON MM 110/300 WS	2918800000	D.55
RIBBON MM 110/300 SW	2005070000	D.5
RIBBON MM 110/360 SW	2005070000	D.7
RIBBON MM 110/360 SW	2005070000	D.15
RIBBON MM 110/360 SW	2005070000	D.29
RIBBON MM 110/360 SW	2005070000	D.30
RIBBON MM 110/360 SW	2005070000	D.49
RIBBON MM 110/360 SW	2005070000	D.51
RIBBON MM 110/360 SW	2005070000	D.52
RIBBON MM 110/360 SW	2005070000	D.53
RIBBON MM 110/360 SW	2005070000	D.54
RIBBON MM 110/360 SW	2005070000	D.55
RIBBON MM 76/360 SW	2005080000	D.5
RIBBON MM 76/360 SW	2005080000	D.7
RIBBON MM 76/360 SW	2005080000	D.15
RIBBON MM 76/360 SW	2005080000	D.21
RIBBON MM 76/360 SW	2005080000	D.23
RIBBON MM 76/360 SW	2005080000	D.25
RIBBON MM 76/360 SW	2005080000	D.26
RIBBON MM 76/360 SW	2005080000	D.29
RIBBON MM 76/360 SW	2005080000	D.30
RIBBON MM 76/360 SW	2005080000	D.43
RIBBON MM 76/360 SW	2005080000	D.45
RIBBON MM 76/360 SW	2005080000	D.46
RIBBON MM 76/360 SW	2005080000	D.47
RIBBON MM 76/360 SW	2005080000	D.48
RIBBON MM 76/360 SW	2005080000	D.49
RIBBON MM 76/360 SW	2005080000	D.55

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RIBBON MM 84/300 WS	2005040000	D.5
RIBBON MM 84/300 WS	2005040000	D.7
RIBBON MM 84/300 WS	2005040000	D.15
RIBBON MM 84/300 WS	2005040000	D.26
RIBBON MM 84/300 WS	2005040000	D.43
RIBBON MM 84/300 WS	2005040000	D.45
RIBBON MM 84/300 WS	2005040000	D.46
RIBBON MM 84/300 WS	2005040000	D.47
RIBBON MM 84/300 WS	2005040000	0.49
RIBBON MM 84/300 WS	2005040000	0.55
RIBBON MM-HS 60/300 SW	2448880000	D.5
RIBBON MM-HS 60/300 SW	2448880000	D.7
RIBBON MM-HS 60/300 SW	2448880000	D.9
RIBBON MM-HS 60/300 SW	2448880000	D.26
RIBBON MM-HS 60/300 SW	2448880000	D.27
RIBBON MM-HS 60/300 SW	2448880000	D.33
RIBBON MM-HS 60/300 SW	2448880000	D.34
RIBBON MM-HS 60/300 SW	2448880000	0.35
RIBBON MM-HS 60/300 SW	2448880000	0.36
RIBBON MM-TB 25/360 SW	2005090000	D.5
RIBBON MM-TB 25/360 SW	2005090000	D.7
RIBBON MM-TB 25/360 SW	2005090000	0.13
RIBBON MM-TB 25/360 SW	2005090000	D.15
RIBBON MM-TB 25/360 SW	2005090000	D.19
RIBBON MM-TB 25/360 SW	2005090000	D.20
RIBBON MM-TB 25/360 SW	2005090000	D.21
RIBBON MM-TB 25/360 SW	2005090000	0.23
RIBBON MM-TB 25/360 SW	2005090000	0.24
RIBBON MM-TB 25/360 SW	2005090000	0.44

SCHS1	0138900000	F.21
SCHS2	0337400000	C.118
SCHS2	0337400000	F.22
SCHS2 K	1720600000	C.118
SCHS2 K	1720600000	F.22
SCHS3 K	1753480000	C.113
SCHS3 K	1753480000	F.23
SCHS4 K	1753460000	C.113
SCHS4 K	1753460000	F.23
SCHT 5	0292460000	C.82
SCHT 5	0292460000	C.97
SCHT 5	0292460000	F.7
SCHT 5 S	1631930000	C.81
SCHT 5 S	1631930000	F.7
SCHT 7	0517960000	F.8
SCT 4.6/100	2791370000	F.26
SCT 4.6/125	2791380000	F.26
SCT 4.6/150	2791390000	F.26
SCT 4.6/200	2791400000	F.26
SCT 4.6/360	2791410000	F.26
SCT 4.6/520	2791420000	F.26
SCT 4.6/680	2791430000	F.26
SCT 4.6/840	2791440000	F.26
SCT 7.9/200	2791450000	F.26
SCT 7.9/360	2791460000	F.26
SCT 7.9/520	2791470000	F.26
SCT 7.9/680	2791480000	F.26
SCT 7.9/840	2791490000	F.26
SCT-C 4.6/100	1015220000	F.26
SCT-C 4.6/125	1015230000	F.26
SCT-C 4.6/150	1015240000	F.26
SCT-C 4.6/200	1015250000	F.26
SCT-C 4.6/360	1015270000	F.26
SCT-C 4.6/520	1015280000	F.26
SCT-C 4.6/680	1015290000	F.26
SCT-C 4.6/840	1015300000	F.26
SCT-C 7.9/200	1015310000	F.26
SCT-C 7.9/360	1015320000	F.26
SCT-C 7.9/520	1015330000	F.26
SCT-C 7.9/680	1015340000	F.26
SCT-C 7.9/840	1015350000	F.26
SERV-P DIAM16 L1 SW/WS	1707350001	E.56
SERV-P DIAM16 L2 SW/WS	1707350002	E.56
SERV-P DIAM16 L3 SW/WS	1707350003	E.56
SERV-P DIAM16 N BL/WS	1707350004	E.56
SERV-P DIAM16 PE GE/GN	1707350006	E.56
SERV-P DIAM16ERDE GE/GN	1707350005	E.56
SF 0/12 MC NE BL V2	1919220000	C.89
SF 0/12 MC NE GE V2	1919210000	C.89
SF 0/12 MC NE RT V2	1919230000	C.89
SF 0/12 MC NE WS V2	1919240000	C.89
SF 0/12 MC SDR V2	1919250000	C.89
SF 0/21 MC NE BL V2	1918510000	C.89
SF 0/21 MC NE GE V2	1918480000	C.89
SF 0/21 MC NE RT V2	1918490000	C.89
SF 0/21 MC NE WS V2	1918500000	C.89
SF 0/21 MC SDR V2	1918470000	C.89
SF 00/12 MC NE BL V2	1919270000	C.89
SF 00/12 MC NE GE V2	1919260000	C.89
SF 00/12 MC NE RT V2	1919280000	C.89
SF 00/12 MC NE WS V2	1919290000	C.89
SF 00/12 MC SDR V2	1919300000	C.89
SF 00/21 MC NE BL V2	1918590000	C.89
SF 00/21 MC NE GE V2	1918560000	C.89
SF 00/21 MC NE RT V2	1918570000	C.89
SF 00/21 MC NE WS V2	1918580000	C.89
SF 00/21 MC SDR V2	1918530000	C.89

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SF 1/12 MC NE BL V2	1919360000	C.89
SF 1/12 MC NE GE V2	1919340000	C.89
SF 1/12 MC NE RT V2	1919320000	C.89
SF 1/12 MC NE WS V2	1919390000	C.89
SF 1/12 MC SDR V2	1919420000	C.89
SF 1/21 MC NE BL V2	1918620000	C.89
SF 1/21 MC NE GE V2	1918610000	C.89
SF 1/21 MC NE RT V2	1918600000	C.89
SF 1/21 MC NE WS V2	1918630000	C.89
SF 1/21 MC SDR V2	1918640000	C.89
SF 2/12 MC NE BL V2	1919480000	C.89
SF 2/12 MC NE GE V2	1919470000	C.89
SF 2/12 MC NE RT V2	1919460000	C.89
SF 2/12 MC NE WS V2	1919490000	C.89
SF 2/12 MC SDR V2	1919500000	C.89
SF 2/21 MC NE BL V2	1918700000	C.89
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SF 3/12 MC NE BL V2	1919550000	C.89
SF 3/12 MC NE GE V2	1919520000	C.89
SF 3/12 MC NE RT V2	1919530000	C.89
SF 3/12 MC NE WS V2	1919540000	C.89
SF 3/12 MC SDR V2	1919510000	C.89
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SF 3/21 MC NE GE V2	1918890000	C.89
SF 3/21 MC NE RT V2	1918900000	C.89
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SF 3/21 MC SDR V2	1918880000	C.89
SF 4.5/21 MC NE BL V2	1919030000	C.89
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SF 4.5/21 MC NE WS V2	1919020000	C.89
SF 4.5/21 MC SDR V2	1918990000	C.89
SF 4/12 MC NE BL V2	1919590000	C.89
SF 4/12 MC NE GE V2	1919580000	C.89
SF 4/12 MC NE RT V2	1919570000	C.89
SF 4/12 MC NE WS V2	1919600000	C.89
SF 4/12 MC SDR V2	1919610000	C.89
SF 4/21 MC NE BL V2	1919090000	C.89
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SF 4/21 MC NE RT V2	1919070000	C.89
SF 4/21 MC NE WS V2	1919080000	C.89
SF 4/21 MC SDR V2	1919050000	C.89
SF 5/12 MC NE BL V2	1919630000	C.89
SF 5/12 MC NE GE V2	1919620000	C.89
SF 5/12 MC NE RT V2	1919640000	C.89
SF 5/12 MC NE WS V2	1919650000	C.89
SF 5/12 MC SDR V2	1919660000	C.89
SF 5/21 MC NE BL V2	1919150000	C.89
SF 5/21 MC NE GE V2	1919120000	C.89
SF 5/21 MC NE RT V2	1919130000	C.89
SF 5/21 MC NE WS V2	1919140000	C.89
SF 5/21 MC SDR V2	1919110000	C.89
SF 6/21 MC NE BL V2	1919200000	C.89
SF 6/21 MC NE GE V2	1919170000	C.89
SF 6/21 MC NE RT V2	1919180000	C.89
SF 6/21 MC NE WS V2	1919190000	C.89
SF 6/21 MC SDR V2	1919160000	C.89
SF-T00L 00-6	1950820000	C.89
SF-T00L 1	1782970000	C.89
SF-T00L 2-3	1782960000	C.89
SF-T00L 4-5	1782980000	C.89
SF-T00L-SORTIMENT	1770080000	C.89
SFC 0/12 MC NE BL	1813170000	C.93
SFC 0/12 MC NE GE	1813160000	C.93
SFC 0/12 MC NE RT	1813150000	C.93
SFC 0/12 MC NE WS	1813130000	C.93
SFC 0/12 MC SDR	1813180000	C.93
SFC 0/21 MC NE BL	1813220000	C.93
SFC 0/21 MC NE GE	1813210000	C.93
SFC 0/21 MC NE RT	1813200000	C.93
SFC 0/21 MC NE WS	1813190000	C.93
SFC 0/21 MC SDR	1813230000	C.93
SFC 0/30 MC NE BL	1813270000	C.93
SFC 0/30 MC NE GE	1813260000	C.93
SFC 0/30 MC NE RT	1813250000	C.93
SFC 0/30 MC NE WS	1813240000	C.93
SFC 0/30 MC SDR	1813280000	C.93
SFC 1/12 MC NE BL	1747320002	C.93
SFC 1/12 MC NE GE	1747320004	C.93
SFC 1/12 MC NE RT	1747320003	C.93
SFC 1/12 MC NE WS	1747320001	C.93
SFC 1/12 MC SDR	1752720000	C.93
SFC 1/21 MC NE BL	1779080002	C.93
SFC 1/21 MC NE GE	1779080004	C.93
SFC 1/21 MC NE RT	1779080003	C.93
SFC 1/21 MC NE WS	1779080001	C.93
SFC 1/21 MC SDR	1779090000	C.93
SFC 1/30 MC NE BL	1805720000	C.93
SFC 1/30 MC NE GE	1805730000	C.93
SFC 1/30 MC NE RT	1805740000	C.93
SFC 1/30 MC NE WS	1805760000	C.93
SFC 1/30 MC SDR	1805750000	C.93
SFC 2.5/12 MC NE BL	1062030000	C.93
SFC 2.5/12 MC NE GE	1062010000	C.93
SFC 2.5/12 MC NE RT	1062020000	C.93
SFC 2.5/12 MC NE WS	1062000000	C.93

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SFR 3/21 MC NE GE	1318760000	C.89	SFX-VT 9/24 MM GE	2621460000	D.26	SM 27/8 MM GE	2006420000	D.45	TABPACK 15X6	1686120000	E.57
SFR 3/21 MC NE WS	1318750000	C.89	SFX-VT 9/24 MM RT	2799310000	D.26	SM 27/8 MM GE VPE100	2496970000	D.45	TABPACK 19X11 M. RAND	1686130000	E.57
SFR 3/21 MC SDR	1318830000	C.89	SFX-VT 9/24 MM WS	2621470000	D.26	SM 27/8 MM GN	2006490000	D.45	TABPACK 21X8	1686140000	E.57
SFX 10/23 MC NE BL V2	1852400000	C.91	SM 18/9,5 K MC NE GE	1248590000	C.133	SM 27/8 MM GN VPE100	2496980000	D.45	TABPACK FLAG 54/8 WS	1107340000	E.57
SFX 10/23 MC NE GE V2	1852360000	C.91	SM 18/9,5 K MC NE GR	1248610000	C.133	SM 27/8 MM GR	2006480000	D.45	TABPACK PY 90/100 WBC	2817470000	D.54
SFX 10/23 MC NE RT V2	1852370000	C.91	SM 18/9,5 K MC NE WS	1248580000	C.133	SM 27/8 MM GR VPE100	2496990000	D.45	TABPACK PY 90/100 WFF	2817460000	D.54
SFX 10/23 MC NE WS V2	1852390000	C.91	SM 18/9,5 K MC SDR	1248550000	C.133	SM 27/8 MM RT	2006460000	D.45	THM EL 100 GE 30M	1419980000	D.53
SFX 10/23 MC SDR V2	1852380000	C.91	SM 18/9,5 MM GE	2006240000	D.45	SM 27/8 MM SW	2006440000	D.45	THM EL 100 SI 30M	1517270000	D.53
SFX 10/60 S MC NE BL	1248840000	C.91	SM 18/9,5 MM GR	2006260000	D.45	SM 27/8 MM WS	2006400000	D.45	THM EL 100 WS 30M	1420010000	D.53
SFX 10/60 S MC NE GE	1248820000	C.91	SM 18/9,5 MM GR VPE100	2496840000	D.45	SM 27/8 MM WS VPE100	2497000000	D.45	THM EL 30 WS 30M	1517180000	D.53
SFX 10/60 S MC NE GE V0	2009900000	C.91	SM 18/9,5 MM SW	2006200000	D.45	SM 36/1830 K MC NE GR	1428200000	C.139	THM EL 50 SI 30M	1517240000	D.53
SFX 10/60 S MC NE RT	1248830000	C.91	SM 18/9,5 MM WS	2006220000	D.45	SM 36/1830 K MC NE WS	1428190000	C.139	THM EL 50 WS 30M	1517220000	D.53
SFX 10/60 S MC NE WS	1248810000	C.91	SM 18/9,5 MM WS VPE100	2496850000	D.45	SM 36/1830 K MC SDR	1433860000	C.139	THM EL 60 SI 50M	1391400000	D.53
SFX 10/60 S MC NE WS V0	2009890000	C.91	SM 19/42 K MC NE GE	1248630000	C.133	SM 36/1830 MM GE	2006080000	D.46	THM EL VIN 100 GE 30M	1463830000	D.53
SFX 10/60 S MC SDR	1248750000	C.91	SM 19/42 K MC NE GR	1248640000	C.133	SM 36/1830 MM GN	2006180000	D.46	THM EL VIN 100 WS 30M	2518700000	D.53
SFX 11/60 MC NE BL	1051870000	C.91	SM 19/42 K MC NE WS	1248620000	C.133	SM 36/1830 MM WS	2006120000	D.46	THM EL VIN 15 WS 2L 30M	1307670000	D.53
SFX 11/60 MC NE GE	1860150000	C.91	SM 19/42 K MC SDR	1248560000	C.133	SM 36/1830 MM GR VPE100	2497010000	D.45	THM EL VIN 15 WS 5L 30M	1096170000	D.53
SFX 11/60 MC NE GE V0	1076890000	C.91	SM 22/22 K MC NE GE	1131830000	C.134	SM 36/1830 MM RT	2006160000	D.46	THM EL VIN 24 WS 3L 30M	1105550000	D.53
SFX 11/60 MC NE RT	1963650000	C.91	SM 22/22 K MC NE GR	1014650000	C.134	SM 36/1830 MM SW	2006140000	D.46	THM EL VIN 25 GE 30M	1463810000	D.53
SFX 11/60 MC NE WS	1860120000	C.91	SM 22/22 K MC NE SI	1877590000	C.134	SM 36/1830 MM WS	2006100000	D.46	THM EL VIN 38 WS 2L 30M	1105560000	D.53
SFX 11/60 MC NE WS V0	1432750000	C.91	SM 22/22 K MC NE WS	1877570000	C.134	SM 36/1830 MM WS VPE100	2497020000	D.45	THM EL VIN 45 WS 30M	1474640000	D.53
SFX 11/60 MC SDR	1860140000	C.91	SM 22/22 K MC SDR	1877580000	C.134	SM 37,5/17 MC NE GR	1336720000	C.138	THM EL VIN 50 GE 30M	1463820000	D.53
SFX 11/60 MM BL	2519060000	D.26	SM 22/22 MM GE	2535620000	D.45	SM 37,5/17 MC NE WS	1336710000	C.138	THM ESO 7 PA GE	1339580000	F.17
SFX 11/60 MM BP GE	2712120000	D.26	SM 22/22 MM GR	2535630000	D.45	SM 37,5/17 MC SDR	1336680000	C.138	THM ESO 7 PA WS	1339570000	F.17
SFX 11/60 MM BP WS	2712110000	D.26	SM 22/22 MM WS	2535610000	D.45	SM 42/4230 K MC NE GE	1323540000	C.139	THM ET 200SP 12,8/31 GE	1487690000	D.54
SFX 11/60 MM GE	2005400000	D.26	SM 27/12,5 K MC NE GE	1131810000	C.135	SM 42/4230 K MC NE GR	1323550000	C.139	THM ET 200SP 12,8/31 TU	1487680000	D.54
SFX 11/60 MM GN	2519050000	D.26	SM 27/12,5 K MC NE GR	1027830000	C.135	SM 42/4230 K MC NE WS	1323530000	C.139	THM ET 28/28 WS	2539410000	D.27
SFX 11/60 MM RT	2519040000	D.26	SM 27/12,5 K MC NE SI	1713720000	C.135	SM 42/4230 K MC SDR	1323620000	C.139	THM ET 55/55 WS	2539380000	D.27
SFX 11/60 MM WS	2518650000	D.26	SM 27/12,5 K MC NE WS	1699880000	C.135	SM 44/4421 MC NE GE	1323580000	C.140	THM ET DIA 55 WS	2539400000	D.27
SFX 11/60 MM SW	2005340000	D.26	SM 27/12,5 K MC SDR	1699890000	C.135	SM 44/4421 MC NE GR	1323600000	C.140	THM ET S7 1500 GE	1991670000	D.54
SFX 14/23 MC NE BL V2	1852450000	C.91	SM 27/12,5 MC NE GE	1131860000	C.135	SM 44/4421 MC NE WS	1323570000	C.140	THM ET S7 1500 TU	1991680000	D.54
SFX 14/23 MC NE GE V2	1852410000	C.91	SM 27/12,5 MC NE GR	1079490000	C.135	SM 44/4421 MC SDR	1323640000	C.140	THM ET S7 1500-13 GE	2093070000	D.54
SFX 14/23 MC NE RT V2	1852420000	C.91	SM 27/12,5 MC NE SI	1713700000	C.135	SM 45/4524 MC NE GE	1248660000	C.140	THM ET S7 1500-13 TU	2093010000	D.54
SFX 14/23 MC NE WS V2	1852440000	C.91	SM 27/12,5 MC NE WS	1699840000	C.135	SM 45/4524 MC NE GR	1248670000	C.140	THM ET S7 300-1 GE	1161770000	D.54
SFX 14/23 MC SDR V2	1852430000	C.91	SM 27/12,5 MM GE	2006510000	D.45	SM 45/4524 MC NE WS	1248650000	C.140	THM ET S7 300-1 TU	1161750000	D.54
SFX 30/60 MC NE BL	1369540000	C.91	SM 27/12,5 MM GN	2006550000	D.45	SM 45/4524 MC SDR	1248570000	C.140	THM ET S7 300-2 GE	1161740000	D.54
SFX 30/60 MC NE GE	1083240000	C.91	SM 27/12,5 MM GR	2006520000	D.45	SM 46/4630 MC NE GE	1323510000	C.141	THM ET S7 300-2 TU	1161730000	D.54
SFX 30/60 MC NE RT	1369550000	C.91	SM 27/12,5 MM GR VPE100	2496860000	D.45	SM 46/4630 MC NE GR	1323520000	C.141	THM ET S7 400 TU	1161710000	D.54
SFX 30/60 MC NE WS	1083230000	C.91	SM 27/12,5 MM RT	2006540000	D.45	SM 46/4630 MC NE WS	1323500000	C.141	THM ET S7 50/12,5 GE	1161810000	D.54
SFX 30/60 MC SDR	1083260000	C.91	SM 27/12,5 MM SW	2006530000	D.45	SM 46/4630 MC SDR	1323610000	C.141	THM ET S7 50/12,5 TU	1161790000	D.54
SFX 30/60 MM BL	2519140000	D.26	SM 27/12,5 MM WS	2006500000	D.45	SM DIA 60-22 K MC NE GE	1323750000	C.141	THM ET S7 50/25 GE	1095590000	D.54
SFX 30/60 MM GE	2005420000	D.26	SM 27/12,5 MM WS VPE100	2496870000	D.45	SM DIA 60-22 MC SDR	1323740000	C.141	THM ET S7 50/25 TU	1161780000	D.54
SFX 30/60 MM GN	2519110000	D.26	SM 27/12,5 SDR	1699850000	C.135	SM DIA 60-22 MM GE	2006060000	D.47	THM ET TA 58/55 WS	2539390000	D.27
SFX 30/60 MM RT	2519130000	D.26	SM 27/18 K MC NE GE	1915340000	C.136	SM DIA 60-22 MM GE VPE100	2497030000	D.47	THM GEW 15/6 GE	1059790000	D.53
SFX 30/60 MM SW	2519120000	D.26	SM 27/18 K MC NE GR	1077340000	C.136	SM-DT 19/42 K MC NE BL	3008450000	C.134	THM GEW 15/6 WS	1059780000	D.53
SFX 30/60 MM WS	2005360000	D.26	SM 27/18 K MC NE RT	1906120000	C.136	SM-DT 19/42 K MC SDR	3008840000	C.134	THM GEW 15/9 GE	1366530000	D.53
SFX 9/24 MC NE BL V2	1852500000	C.91	SM 27/18 K MC NE SI	1713760000	C.136	SM-DT 27/18 K MC NE BL	3008460000	C.136	THM GEW 17/9 GE	1059810000	D.53
SFX 9/24 MC NE GE V2	1852460000	C.91	SM 27/18 K MC NE WS	1707270000	C.136	SM-DT 27/18 K MC SDR	3008850000	C.136	THM GEW 17/9 WS	1059800000	D.53
SFX 9/24 MC NE RT V2	1852470000	C.91	SM 27/18 K MC SDR	1707280000	C.136	SM-DT 27/18 MC NE BL	3008470000	C.136	THM GEW 18/6 GE	1059830000	D.53
SFX 9/24 MC NE WS V2	1852490000	C.91	SM 27/18 MC NE GE	1131850000	C.136	SM-DT 27/18 MC SDR	3008880000	C.136	THM GEW 18/6 WS	1059820000	D.53
SFX 9/24 MC SDR V2	1852480000	C.91	SM 27/18 MC NE GR	1346130000	C.136	SM-DT 27/27 K MC NE BL	2737790000	C.137	THM GEW 18/9 GE	1059850000	D.53
SFX 9/24 MM BL	2519100000	D.26	SM 27/18 MC NE GN	1014640000	C.136	SM-DT 27/27 K MC SDR	3008960000	C.137	THM GEW 18/9 WS	1059840000	D.53
SFX 9/24 MM BP GE	2712100000	D.26	SM 27/18 MC NE RT	1906110000	C.136	SM-DT 27/27 MC NE BL	2737780000	C.137	THM GEW 20/10 GE	1712030000	D.53
SFX 9/24 MM BP WS	2712090000	D.26	SM 27/18 MC NE SI	1713740000	C.136	SM-DT 27/27 MC SDR	3008950000	C.137	THM GEW 20/10 WS	1712020000	D.53
SFX 9/24 MM GE	2005380000	D.26	SM 27/18 MC NE WS	1699860000	C.136	SM-DT-H 27/18 BL	3009080000	C.136	THM GEW 20/12 GE	1391380000	D.53
SFX 9/24 MM GN	2519080000	D.26	SM 27/18 MC SDR	1699870000	C.136	SM-FD 18/9,5 MM SI	2621170000	D.46	THM GEW 20/8 GE	1059880000	D.53
SFX 9/24 MM RT	2519090000	D.26	SM 27/18 MM GE	2005300000	D.45	SM-FD 18/9,5 MM WS	2621160000	D.46	THM GEW 20/8 WS	1059870000	D.53
SFX 9/24 MM SW	2519070000	D.26	SM 27/18 MM GE VPE100	2496880000	D.45	SM-FD 22/22 MM GE	2712080000	D.46	THM GEW 30/8 GE	1114450000	D.53
SFX 9/24 MM WS	2005320000	D.26	SM 27/18 MM GN	2006380000	D.45	SM-FD 22/22 MM SI	2712070000	D.46	THM GEW 38/19 GE	1335100000	D.53
SFX 9/24 S MC NE BL	1323480000	C.91	SM 27/18 MM GN VPE100	2496890000	D.45	SM-FD 22/22 MM WS	2712060000	D.46	THM GEW 45/23 GE	1368740000	D.53
SFX 9/24 S MC NE GE	1323450000	C.91	SM 27/18 MM GR	2006340000	D.45	SM-FD 27/12,5 MM GE	2621230000	D.46	THM MMP CASE	2457760000	D.5
SFX 9/24 S MC NE GE V0	2009940000	C.91	SM 27/18 MM GR VPE100	2496900000	D.45	SM-FD 27/12,5 MM SI	2621240000	D.46	THM MMP EXT.RH	1302920000	D.5
SFX 9/24 S MC NE RT	1323470000	C.91	SM 27/18 MM RT	2005360000	D.45	SM-FD 27/12,5 MM WS	2621220000	D.46	THM MT30X 100/90 SI	1058770000	D.52
SFX 9/24 S MC NE WS	1323440000	C.91	SM 27/18 MM RT VPE100	2496910000	D.45	SM-FD 27/18 MM GE	2621110000	D.46	THM MT30X 101/150 SI	1778170000	D.52
SFX 9/24 S MC NE WS V0	2009930000	C.91	SM 27/18 MM SW	2006320000	D.45	SM-FD 27/18 MM SI	2621120000	D.46	THM MT30X 101/48 GE	1751821687	D.52
SFX 9/24 S MC SDR	1323490000	C.91	SM 27/18 MM WS	2006280000	D.45	SM-FD 27/18 MM WS	2621100000	D.46	THM MT30X 101/48 SI	1751820001	D.52
SFX 9/40 S MC NE BL	1248790000	C.91	SM 27/18 MM WS VPE100	2496820000	D.45	SM-FD 27/18-22 MM GE	2621140000	D.46	THM MT30X 101/48 WS	1751821044	D.52
SFX 9/40 S MC NE GE	1248770000	C.91	SM 27/18-22 K MC NE GR	1428180000	C.138	SM-FD 27/18-22 MM SI	2621130000	D.46	THM MT30X 101/74 GE	1061810000	D.52
SFX 9/40 S MC NE GE V0	2009920000	C.91	SM 27/18-22 K MC NE WS	1428170000	C.138	SM-FD 27/18-22 MM WS	2621150000	D.46	THM MT30X 101/74 RT	1466270000	D.52
SFX 9/40 S MC NE RT	1248780000	C.91	SM 27/18-22 K MC SDR	1433870000	C.138	SM-FD 27/8 MM GE	2621080000	D.46	THM MT30X 101/74 SI	1762960001	D.52
SFX 9/40 S MC NE WS	1248760000	C.91	SM 27/18-22 MM GE	2005810000	D.46	SM-FD 27/8 MM SI	2621090000	D.46	THM MT30X 101/74 WS	2455620000	D.52
SFX 9/40 S MC NE WS V0	2009910000	C.91	SM 27/18-22 MM GE VPE100	2496930000	D.45	SM-FD 27/8 MM WS	2621070000	D.46	THM MT30X 12/6 GE	1391390000	D.51
SFX 9/40 S MC SDR	1248740000	C.91	SM 27/18-22 MM GN	2005820000	D.46	SM-FD 36/18-30 MM GE	2621200000	D.46	THM MT30X 15/4 GE	1072690000	D.51
SFX-DT 10/60 S MC NE BL	2602740000	C.91	SM 27/18-22 MM GR	2005860000	D.46	SM-FD 36/18-30 MM SI	2621210000	D.46	THM MT30X 15/5,1 GE	1964130000	D.51
SFX-DT 11/60 MC NE BL	2602730000	C.91	SM 27/18-22 MM GR VPE100	2496940000	D.45	SM-FD 36/18-30 MM WS	2621190000	D.46	THM MT30X 15/6 GE	1753231687	D.51
SFX-DT 11/60 MM BL	2621480000	D.26	SM 27/18-22 MM RT	200590							

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THM MT30X 25.4/12.7 TR	2798960000	0.51
THM MT30X 25.4/50.8 SI	1378120000	0.51
THM MT30X 25.9/7.1 WS	1891770000	0.51
THM MT30X 25/12 GE	1751751687	0.51
THM MT30X 25/12 SI	1751750001	0.51
THM MT30X 25/12 WS	1751751044	0.51
THM MT30X 26.5/17.5 SI	1770090000	0.51
THM MT30X 26/10 GE	1751761687	0.51
THM MT30X 26/10 SI	1751760001	0.51
THM MT30X 26/10 WS	1751761044	0.51
THM MT30X 27/27 SI	1477340000	0.51
THM MT30X 27/85 WS	1449830000	0.51
THM MT30X 30/20 GE	1753261687	0.51
THM MT30X 30/20 SI	1753260001	0.51
THM MT30X 30/20 WS	1753261044	0.51
THM MT30X 30/29 SI	1014680000	0.51
THM MT30X 32/9 GE	1356490000	0.51
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THM MT30X 38/17 WS	1011610000	0.51
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THM MT30X 38/19 WS	1751801044	0.51
THM MT30X 45/23 GE	1751811687	0.51
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THM MT30X 50/18 WS	2621550000	0.51
THM MT30X 57/27 SI	1852540000	0.51
THM MT30X 63.5/50.8 SI	1378110000	0.52
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THM MT30X 8/8 GE	1310540000	0.51
THM MT30X 8/8 WS	1954070000	0.51
THM MT30X 89/60 SI	1003410000	0.52
THM MT30X 89/60 WS	1498780000	0.52
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THM PV 27/12.5 TR	2969170000	0.48
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THM PV 30/60 TR	2969130000	0.48
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THM PV 89/60 B/D/R RT	2817450000	0.54
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THM VIN 101/48 GE/G	1192740000	0.52
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THM WO 15/70 WS	1429440000	0.29
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THM WO 20/32 WS	2621500000	0.29
THM WO 24.5/100 WS	2004970000	0.29
THM WO 24.5/62 WS	1109130000	0.29
THM WO 24/69 WS	2621520000	0.29
THM WO 25.4/93 WS	2711990000	0.29
THM WO 25.4/95.2 WS	1109140000	0.29
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THM WO 25/37 WS	2621510000	0.29
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THM WO 25/76 WS	1774350000	0.29
THM WO 33.5/93.1 GE	1774410000	0.29
THM WO 33.5/93.1 WS	1774400000	0.29
THM WO 50.8/150 BL	1109190000	0.29
THM WO 50.8/150 GE	1109180000	0.29

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THM WO 50.8/150 RT	1109170000	0.29
THM WO 50.8/150 WS	1109150000	0.29
THM WO 50/100 WS	3008290000	0.29
THM WO 51/36 WS	1934190000	0.29
THM WO T 24.5/100 WS	1003380000	0.29
THM WO T 24.5/62 WS	1003420000	0.29
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THM WO VIN 25.4/57.2 SP WS	2657190000	0.30
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THM WO VIN 25.4/63 WS	2912620000	0.29
THM WO VIN 25.4/63.5 SP WS	2657210000	0.30
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THM WO-Q VIN 25/31.8 WS	2711920000	0.30
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THM WO-Q VIN 25/51.4 WS	2711940000	0.30
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THM WO-QX 25/38.1 WS	2711960000	0.29
THM WO-QX VIN 25/19.1 WS	2711970000	0.30
THM WO-QX VIN 25/31.8 WS	2711980000	0.30
THM WO-R VIN 12.7/19.1 WS	2932070000	0.30
THM WO-R VIN 12.7/38.1 WS	2932100000	0.30
THM WO-R VIN 25.4/19.1 WS	2932080000	0.30
THM WO-R VIN 25.4/25.4 WS	2932090000	0.30
THM WO-R VIN 25.4/31.8 WS	2932130000	0.30
THM WO-R VIN 25.4/38.1 WS	2932110000	0.30
THM WO-R VIN 25.4/57.2 WS	3062890000	0.30
THM WO-R VIN 25.4/63.5 WS	2932120000	0.30
TM 0/12 HF/HB	1719760000	F.11
TM 0/18 HF/HB	1719770000	F.11
TM 0/18 TWIN HF/HB	1891810000	F.11
TM 1/12 HF/HB	1719780000	F.11
TM 1/18 HF/HB	1719790000	F.11
TM 1/18 TWIN HF/HB	1891780000	F.11
TM 2/12 HF/HB	1719800000	F.11
TM 2/18 HF/HB	1719810000	F.11
TM 200/15 VO	1798850000	F.13
TM 201/12 VO	1798840000	F.13
TM 201/15 VO	1798820000	F.13
TM 201/18 VO	1798800000	F.13
TM 201/20 VO	1798580000	F.13
TM 201/23 VO	1507060000	F.13
TM 201/30 VO	1874850000	F.13
TM 202/12 VO	1798560000	F.13
TM 202/15 VO	1798540000	F.13
TM 202/18 VO	1798530000	F.13
TM 202/20 VO	1798520000	F.13
TM 202/23 VO	1507070000	F.13
TM 202/30 VO	1874760000	F.13
TM 203/12 VO	1798510000	F.13
TM 203/15 VO	1798490000	F.13
TM 203/18 VO	1798480000	F.13
TM 203/20 VO	1798470000	F.13
TM 203/23 VO	1507080000	F.13
TM 203/30 VO	1874770000	F.13
TM 204/12 VO	1806180000	F.13
TM 204/15 VO	1806240000	F.13
TM 204/18 VO	1806300000	F.13
TM 204/20 VO	1806360000	F.13
TM 204/23 VO	1507090000	F.13
TM 204/30 VO	1874780000	F.13
TM 205/12 VO	1806190000	F.13
TM 205/15 VO	1806250000	F.13
TM 205/18 VO	1806310000	F.13
TM 205/20 VO	1806370000	F.13
TM 205/23 VO	1507100000	F.13
TM 205/30 VO	1874790000	F.13
TM 206/12 VO	1806200000	F.13
TM 206/15 VO	1806260000	F.13
TM 206/18 VO	1806320000	F.13
TM 206/20 VO	1806380000	F.13
TM 206/23 VO	1507110000	F.13
TM 206/30 VO	1874800000	F.13
TM 3/12 HF/HB	1719820000	F.11
TM 3/18 HF/HB	1719830000	F.11
TM 4/12 HF/HB	1719840000	F.11
TM 4/18 HF/HB	1719850000	F.11
TM 5/12 HF/HB	1719860000	F.11
TM 5/18 HF/HB	1719870000	F.11

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TM 6/12 HF/HB	1719880000	F.11
TM 6/18 HF/HB	1719890000	F.11
TM 7/18 HF/HB	1192770000	F.11
TM 8/18 HF/HB	1192780000	F.11
TMH 12 MC NE BL	1718411693	C.95
TMH 12 MC NE GE	1718411687	C.95
TMH 12 MC NE RT	1718411686	C.95
TMH 12 MC NE WS	1718411044	C.95
TMH 12 MC NE WS	1718411044	F.11
TMH 12 MC NE WS	1718411044	F.12
TMH 12 MC NE WS	1718411044	F.14
TMH 12 MC SDR	1718420000	C.95
TMH 12 MM GE	2005550000	0.25
TMH 12 MM WS	2005440000	0.25
TMH 12 MM WS	2005440000	F.11
TMH 12 MM WS	2005440000	F.12
TMH 12 MM WS	2005440000	F.14
TMH 12/18 MC NE GE	1409630000	C.95
TMH 12/18 MC NE WS	1323730000	C.95
TMH 12/18 MC SDR	1323720000	C.95
TMH 15 MC NE BL	1609981693	C.95
TMH 15 MC NE GE	1609981687	C.95
TMH 15 MC NE RT	1609981686	C.95
TMH 15 MC NE WS	1609981044	C.95
TMH 15 MC NE WS	1609981044	F.12
TMH 15 MC NE WS	1609981044	F.14
TMH 15 MC SDR	1609990000	C.95
TMH 15 MM GE	2005580000	0.25
TMH 15 MM WS	2005450000	0.25
TMH 15 MM WS	2005450000	F.12
TMH 15 MM WS	2005450000	F.14
TMH 18 MC NE BL	1718431693	C.95
TMH 18 MC NE GE	1718431687	C.95
TMH 18 MC NE RT	1718431686	C.95
TMH 18 MC NE WS	1718431044	C.95
TMH 18 MC NE WS	1718431044	F.11
TMH 18 MC NE WS	1718431044	F.12
TMH 18 MC NE WS	1718431044	F.13
TMH 18 MC NE WS	1718431044	F.14
TMH 18 MC SDR	1718440000	C.95
TMH 18 MM GE	2005610000	0.25
TMH 18 MM WS	2005490000	0.25
TMH 18 MM WS	2005470000	F.11
TMH 18 MM WS	2005470000	F.12
TMH 18 MM WS	2005470000	F.14
TMH 20 MC NE BL	1680411693	C.95
TMH 20 MC NE GE	1680411687	C.95
TMH 20 MC NE RT	1680411686	C.95
TMH 20 MC NE WS	1680411044	C.95
TMH 20 MC NE WS	1680411044	F.12
TMH 20 MC NE WS	1680411044	F.14
TMH 20 MC SDR	1680420000	C.95
TMH 20 MM GE	2005640000	0.25
TMH 20 MM WS	2005490000	0.25
TMH 20 MM WS	2005490000	F.12
TMH 20 MM WS	2005490000	F.14
TMH 23 MC NE BL	1428520000	C.95
TMH 23 MC NE GE	1428490000	C.95
TMH 23 MC NE RT	1428510000	C.95
TMH 23 MC NE WS	1428480000	C.95
TMH 23 MC NE WS	1428480000	F.14
TMH 23 MC SDR	1433880000	C.95
TMH 23 MM GE	2005670000	0.25
TMH 23 MM WS	2005510000	0.25
TMH 23 MM WS	2005510000	F.14
TMH 30 MC NE BL	1876400000	C.95
TMH 30 MC NE GE	1876370000	C.95
TMH 30 MC NE RT	1876380000	C.95
TMH 30 MC NE WS	1876390000	C.95
TMH 30 MC NE WS	1876390000	F.12
TMH 30 MC NE WS	1876390000	F.14
TMH 30 MC SDR	1876320000	C.95
TMH 30 MM GE	2005700000	0.25
TMH 30 MM WS	2005530000	0.25
TMH 30 MM WS	2005530000	F.12
TMH 30 MM WS	2005530000	F.14
TMC 9/20	1724790000	C.125
TMC 9/20	1724790000	F.13
TMX 18 HF/HB	1748820000	F.11
TMX 30 VO	1866680000	F.13

V

VT SFX 10/23 MC NE GE VO	1727770004	C.91
VT SFX 10/23 MC NE WS VO	1727770001	C.91
VT SFX 14/23 MC NE GE VO	1689490004	C.91

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WS 12/5 MM WS	2007190000	F.5
WS 12/5 PLUS MC NE WS	1927510000	C.35
WS 12/5 PLUS MC SDR	1927520000	C.35
WS 12/6 MC NE BL	1773551693	C.39
WS 12/6 MC NE BR	1773551692	C.39
WS 12/6 MC NE GE	1773551687	C.39
WS 12/6 MC NE OR	1773551690	C.39
WS 12/6 MC NE RT	1773551686	C.39
WS 12/6 MC NE VI	1773551689	C.39
WS 12/6 MC NE WS	1609900000	C.39
WS 12/6 MC SDR	1609910000	C.39
WS 12/6 MM BP WS	2619860000	D.19
WS 12/6 MM WS	2007200000	D.19
WS 12/6 PLUS MC NE WS	1927530000	C.40
WS 12/6 PLUS MC SDR	1927540000	C.40
WS 12/6.5 MC NE GE	1773561687	C.40
WS 12/6.5 MC NE RT	1773561686	C.40
WS 12/6.5 MC NE WS	1609920000	C.40
WS 12/6.5 MC SDR	1609930000	C.40
WS 12/6.5 MM WS	2619930000	D.19
WS 12/8 MM BP WS	2619870000	D.19
WS 12/8 MM WS	2007210000	D.19
WS 12/8 PLUS MC NE WS	1906000000	C.41
WS 12/8 PLUS MC SDR	1906010000	C.41
WS 14/5 MC NE WS	1768090000	C.36
WS 14/5 MC SDR	1852980000	C.36
WS 15/5 MC NE GE	1773571687	C.36
WS 15/5 MC NE WS	1609880000	C.36
WS 15/5 MC SDR	1609890000	C.36
WS 7.8/9.2 PLUS MC NE GR	1208970000	C.42
WS 7.8/9.2 PLUS MC SDR	1270640000	C.42
WS 8/3.5 MM BP WS	2619800000	D.19
WS 8/3.5 MM WS	2007140000	D.19
WS 8/5 MC NE BL	1773521693	C.32
WS 8/5 MC NE GE	1773521687	C.32
WS 8/5 MC NE OR	1773521690	C.32
WS 8/5 MC NE RT	1773521686	C.32
WS 8/5 MC NE WS	1640740000	C.32
WS 8/5 MC NE WS	1640740000	F.22
WS 8/5 MC SDR	1640750000	C.32
WS 8/5 MM BP WS	2619810000	D.19
WS 8/5 MM WS	2007150000	D.19
WS 8/5 MM WS	2007150000	F.22
WS 8/5 PLUS MC NE WS	1951870000	C.32
WS 8/5 PLUS MC SDR	1038790000	C.32
WS 8/6 MM BP WS	2619820000	D.19
WS 8/6 MM WS	2007160000	D.19
WS 8/6 PLUS MC NE WS	1951880000	C.37
WS 8/6 PLUS MC SDR	1038820000	C.37
WS 8/8 MM BP WS	2619830000	D.19
WS 8/8 MM WS	2007170000	D.19
WS-A 12/8 MM WS	2448920000	D.19
WS-A 8/10 MM WS	2619890000	D.19
WS-A 8/12 MM WS	2619900000	D.19
WS-A 8/16 MM WS	2619910000	D.19
WS-A 8/8 MM WS	2448930000	D.19
WSK 12, LEER	0335900000	E.50
WSK 12 M. CLI C 1-3 GE/SW BEZ.0-9/+/-	0336000000	E.50
WSM 10 +	1712501738	E.53
WSM 10 -	1712501740	E.53
WSM 10 .	1712501743	E.53
WSM 10 /	1712501739	E.53
WSM 10 0	1712501000	E.53
WSM 10 1	1712500001	E.53
WSM 10 2	1712500002	E.53
WSM 10 3	1712500003	E.53
WSM 10 4	1712500004	E.53
WSM 10 5	1712500005	E.53
WSM 10 6	1712500006	E.53
WSM 10 7	1712500007	E.53
WSM 10 8	1712500008	E.53
WSM 10 9	1712500009	E.53
WSM 10 :	1712501741	E.53
WSM 10 =	1712501742	E.53
WSM 10 A	1712501637	E.53
WSM 10 B	1712501639	E.53
WSM 10 C	1712501641	E.53
WSM 10 D	1712501643	E.53
WSM 10 E	1712501645	E.53
WSM 10 F	1712501647	E.53
WSM 10 G	1712501649	E.53
WSM 10 H	1712501651	E.53
WSM 10 I	1712501653	E.53
WSM 10 J	1712501655	E.53
WSM 10 K	1712501657	E.53
WSM 10 L	1712501659	E.53
WSM 10 M	1712501661	E.53
WSM 10 N	1712501663	E.53
WSM 10 O	1712501665	E.53
WSM 10 P	1712501667	E.53
WSM 10 Q	1712501669	E.53
WSM 10 R	1712501671	E.53
WSM 10 S	1712501673	E.53
WSM 10 T	1712501676	E.53
WSM 10 U	1712501679	E.53
WSM 10 V	1712501681	E.53
WSM 10 W	1712501683	E.53
WSM 10 X	1712501687	E.53
WSM 10 Y	1712501696	E.53

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WSM 10 Z	1712501698	E.53
WSM SERVICE BOX KOMP.	1924930000	E.53
WSM TOOL AUTOMATIK	1774470000	F.27
WSM TOOL MANUELL	1774480000	F.27
WSMC 1-5	1912170000	E.54
WSMC 11-15	1891670000	E.54
WSMC 16-20	1912140000	E.54
WSMC 21-25	1912150000	E.54
WSMC 26-30	1912160000	E.54
WSMC 6-10	1891680000	E.54
WSMH 108MM	1774530000	E.54
WSMH 176MM	1002680000	E.54
WSMH 288MM	1774490000	E.54
WSMH 48MM	1774500000	E.54
WSMH 60MM	1774510000	E.54
WSMH 84MM	1774520000	E.54

Z

ZGB 15	1636530000	F.4
ZGB 30	1611930000	F.5
ZS 10/5 MC NE WS	1610000000	C.45
ZS 10/5 MC SDR	1610010000	C.45
ZS 12/6 MC NE WS	1610020000	C.46
ZS 12/6 MC SDR	1610030000	C.46
ZS 15/5 MC NE WS	1646630000	C.45
ZS 15/5 MC SDR	1646640000	C.45
ZS 30/5 MC NE WS	2681880000	C.46
ZS 30/5 MC SDR	2682070000	C.46

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0130000000		
0133360001	DEK 6 FSZ 1-10	E.3
0133360011	DEK 6 FSZ 11-20	E.3
0133360021	DEK 6 FSZ 21-30	E.3
0133360031	DEK 6 FSZ 31-40	E.3
0133360041	DEK 6 FSZ 41-50	E.3
0138900000	SCHS1	F.21
0139000000	ES0/SCHS1 500X12,5X0,3	F.21
0139200000	STR F.SCHS	F.21

0170000000

0171111687	CLJ C 1-3 GE NE MP	E.7
0171301687	CLJ C 2-4 GE NE CD	E.8

0180000000

0189400000	CLJ MH 110 HSTR	E.49
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0210000000

0213811687	CLJ C 02-3 GE NE MP	E.7
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0230000000

0235860000	DEK 5 FWZ 1,3,5-19	E.3
0235960000	DEK 5 FWZ 21,23,25-39	E.3
0236060000	DEK 5 FWZ 41,43,45-59	E.3
0236160000	DEK 5 FWZ 2,4,6-20	E.3
0236260000	DEK 5 FWZ 22,24,26-40	E.3
0236360000	DEK 5 FWZ 42,44,46-60	E.3

0250000000

0251310001	CLJ C 2-4 WS/SW 1 MP	E.24
0251310002	CLJ C 2-4 WS/SW 2 MP	E.24
0251310003	CLJ C 2-4 WS/SW 3 MP	E.24
0251310004	CLJ C 2-4 WS/SW 4 MP	E.24
0251310005	CLJ C 2-4 WS/SW 5 MP	E.24
0251310006	CLJ C 2-4 WS/SW 6 MP	E.24
0251310007	CLJ C 2-4 WS/SW 7 MP	E.24
0251310008	CLJ C 2-4 WS/SW 8 MP	E.24
0251310009	CLJ C 2-4 WS/SW 9 MP	E.23
0251310009	CLJ C 2-4 WS/SW 9 MP	E.24
0251311000	CLJ C 2-4 WS/SW 0 MP	E.24
0251311048	CLJ C 2-4 WS/SW - MP	E.25
0251311049	CLJ C 2-4 WS/SW -MP	E.25
0251311502	CLJ C 2-4 GE/SW 0 MP	E.24
0251311503	CLJ C 2-4 WS/WS 0 MP	E.23
0251311505	CLJ C 2-4 GE/SW 1 MP	E.24
0251311506	CLJ C 2-4 BR/WS 1 MP	E.24
0251311508	CLJ C 2-4 GE/SW 2 MP	E.24
0251311509	CLJ C 2-4 RT/WS 2 MP	E.23
0251311511	CLJ C 2-4 GE/SW 3 MP	E.24
0251311512	CLJ C 2-4 DR/SW 3 MP	E.23
0251311514	CLJ C 2-4 GE/SW 4 MP	E.24
0251311514	CLJ C 2-4 GE/SW 4 MP	E.24
0251311517	CLJ C 2-4 GE/SW 5 MP	E.24
0251311518	CLJ C 2-4 GN/WS 5 MP	E.23
0251311520	CLJ C 2-4 GE/SW 6 MP	E.24
0251311521	CLJ C 2-4 BL/WS 6 MP	E.23
0251311523	CLJ C 2-4 GE/SW 7 MP	E.24
0251311524	CLJ C 2-4 VI/WS 7 MP	E.23
0251311526	CLJ C 2-4 GE/SW 8 MP	E.24
0251311527	CLJ C 2-4 GR/SW 8 MP	E.23
0251311529	CLJ C 2-4 GE/SW 9 MP	E.24
0251311637	CLJ C 2-4 GE/SW A MP	E.24
0251311639	CLJ C 2-4 GE/SW B MP	E.24
0251311641	CLJ C 2-4 GE/SW C MP	E.24
0251311643	CLJ C 2-4 GE/SW D MP	E.24
0251311645	CLJ C 2-4 GE/SW E MP	E.24
0251311647	CLJ C 2-4 GE/SW F MP	E.24
0251311649	CLJ C 2-4 GE/SW G MP	E.24
0251311651	CLJ C 2-4 GE/SW H MP	E.24
0251311653	CLJ C 2-4 GE/SW I MP	E.24
0251311655	CLJ C 2-4 GE/SW J MP	E.24
0251311657	CLJ C 2-4 GE/SW K MP	E.24
0251311659	CLJ C 2-4 GE/SW L MP	E.24
0251311661	CLJ C 2-4 GE/SW M MP	E.24
0251311663	CLJ C 2-4 GE/SW N MP	E.24
0251311665	CLJ C 2-4 GE/SW O MP	E.24
0251311667	CLJ C 2-4 GE/SW P MP	E.24
0251311669	CLJ C 2-4 GE/SW Q MP	E.24
0251311671	CLJ C 2-4 GE/SW R MP	E.24
0251311673	CLJ C 2-4 GE/SW S MP	E.24
0251311676	CLJ C 2-4 GE/SW T MP	E.24
0251311679	CLJ C 2-4 GE/SW U MP	E.24
0251311681	CLJ C 2-4 GE/SW V MP	E.24
0251311683	CLJ C 2-4 GE/SW W MP	E.24
0251311687	CLJ C 2-4 GE/SW X MP	E.24
0251311695	CLJ C 2-4 GE/SW 0 MP	E.25
0251311696	CLJ C 2-4 GE/SW Y MP	E.24
0251311698	CLJ C 2-4 GE/SW Z MP	E.24
0251311699	CLJ C 2-4 GE/SW Ä MP	E.25
0251311736	CLJ C 2-4 GE/SW Ø MP	E.25
0251311738	CLJ C 2-4 GE/SW + MP	E.25
0251311740	CLJ C 2-4 GE/SW - MP	E.25
0251311742	CLJ C 2-4 GE/SW / MP	E.25

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0251311746	CLJ C 2-4 GE/SW ET MP	E.25
0251311747	CLJ C 2-4 GE/SW PET. MP	E.25
0251311748	CLJ C 2-4 GE/SW .MP	E.25
0251311750	CLJ C 2-4 GE/SW .MP	E.25
0251311751	CLJ C 2-4 GE/SW – MP	E.25
0251311752	CLJ C 2-4 GE/SW AC MP	E.25
0252111503	CLJ C 02-3 SW/WS 0 MP	E.11
0252111506	CLJ C 02-3 BR/WS 1 MP	E.11
0252111509	CLJ C 02-3 RT/WS 2 MP	E.11
0252111512	CLJ C 02-3 OR/SW 3 MP	E.11
0252111514	CLJ C 02-3 GE/SW 4 MP	E.11
0252111518	CLJ C 02-3 GN/WS 5 MP	E.11
0252111521	CLJ C 02-3 BL/WS 6 MP	E.11
0252111524	CLJ C 02-3 VI/WS 7 MP	E.11
0252111527	CLJ C 02-3 GR/SW 8 MP	E.11
0252111530	CLJ C 02-3 WS/SW 9 MP	E.11
0252111637	CLJ C 02-3 GE/SW A MP	E.12
0252111639	CLJ C 02-3 GE/SW B MP	E.12
0252111641	CLJ C 02-3 GE/SW C MP	E.12
0252111643	CLJ C 02-3 GE/SW D MP	E.12
0252111645	CLJ C 02-3 GE/SW E MP	E.12
0252111647	CLJ C 02-3 GE/SW F MP	E.12
0252111649	CLJ C 02-3 GE/SW G MP	E.12
0252111651	CLJ C 02-3 GE/SW H MP	E.12
0252111653	CLJ C 02-3 GE/SW I MP	E.12
0252111655	CLJ C 02-3 GE/SW J MP	E.12
0252111657	CLJ C 02-3 GE/SW K MP	E.12
0252111659	CLJ C 02-3 GE/SW L MP	E.12
0252111661	CLJ C 02-3 GE/SW M MP	E.12
0252111663	CLJ C 02-3 GE/SW N MP	E.12
0252111665	CLJ C 02-3 GE/SW O MP	E.12
0252111667	CLJ C 02-3 GE/SW P MP	E.12
0252111669	CLJ C 02-3 GE/SW Q MP	E.12
0252111671	CLJ C 02-3 GE/SW R MP	E.12
0252111673	CLJ C 02-3 GE/SW S MP	E.12
0252111676	CLJ C 02-3 GE/SW T MP	E.12
0252111679	CLJ C 02-3 GE/SW U MP	E.12
0252111681	CLJ C 02-3 GE/SW V MP	E.12
0252111683	CLJ C 02-3 GE/SW W MP	E.12
0252111687	CLJ C 02-3 GE/SW X MP	E.12
0252111696	CLJ C 02-3 GE/SW Y MP	E.12
0252111697	CLJ C 02-3 GE/SW Ä MP	E.12
0252111698	CLJ C 02-3 GE/SW Z MP	E.12
0252111699	CLJ C 02-3 GE/SW Ä MP	E.12
0252111726	CLJ C 02-6 GE/SW Ä1 MP	E.15
0252111727	CLJ C 02-6 GE/SW Ä2 MP	E.15
0252111728	CLJ C 02-6 GE/SW L1 MP	E.15
0252111729	CLJ C 02-6 GE/SW L2 MP	E.15
0252111730	CLJ C 02-6 GE/SW L3 MP	E.15
0252111734	CLJ C 02-9 GE/SW PEN MP	E.15
0252111737	CLJ C 02-3 RT/WS + MP	E.12
0252111738	CLJ C 02-3 GE/SW + MP	E.12
0252111740	CLJ C 02-3 GE/SW - MP	E.12
0252111741	CLJ C 02-3 BL/WS - MP	E.12
0252111742	CLJ C 02-3 GE/SW / MP	E.12
0252111746	CLJ C 02-3 GE/SW ET MP	E.12
0252111748	CLJ C 02-3 GE/SW .MP	E.12
0252111750	CLJ C 02-3 GE/SW .MP	E.12
0252111751	CLJ C 02-3 GE/SW – MP	E.12
0252111752	CLJ C 02-3 GE/SW AC MP	E.12
0252509999	CLJ C 02-15 SDR SG	E.9
0252611502	CLJ C 1-3 GE/SW 0 MP	E.16
0252611503	CLJ C 1-3 SW/WS 0 MP	E.16
0252611505	CLJ C 1-3 GE/SW 1 MP	E.16
0252611506	CLJ C 1-3 BR/WS 1 MP	E.16
0252611508	CLJ C 1-3 GE/SW 2 MP	E.16
0252611509	CLJ C 1-3 RT/WS 2 MP	E.16
0252611511	CLJ C 1-3 GE/SW 3 MP	E.16
0252611512	CLJ C 1-3 DR/SW 3 MP	E.16
0252611514	CLJ C 1-3 GE/SW 4 MP	E.16
0252611517	CLJ C 1-3 GE/SW 5 MP	E.16
0252611518	CLJ C 1-3 GN/WS 5 MP	E.16
0252611520	CLJ C 1-3 GE/SW 6 MP	E.16
0252611521	CLJ C 1-3 BL/WS 6 MP	E.16
0252611523	CLJ C 1-3 GE/SW 7 MP	E.16
0252611524	CLJ C 1-3 VI/WS 7 MP	E.16
0252611526	CLJ C 1-3 GE/SW 8 MP	E.16
0252611527	CLJ C 1-3 GR/SW 8 MP	E.16
0252611529	CLJ C 1-3 GE/SW 9 MP	E.16
0252611530	CLJ C 1-3 WS/SW 9 MP	E.16
0252611637	CLJ C 1-3 GE/SW A MP	E.17
0252611639	CLJ C 1-3 GE/SW B MP	E.17
0252611641	CLJ C 1-3 GE/SW C MP	E.17
0252611643	CLJ C 1-3 GE/SW D MP	E.17
0252611645	CLJ C 1-3 GE/SW E MP	E.17
0252611647	CLJ C 1-3 GE/SW F MP	E.17
0252611649	CLJ C 1-3 GE/SW G MP	E.17
0252611651	CLJ C 1-3 GE/SW H MP	E.17
0252611653	CLJ C 1-3 GE/SW I MP	E.17
0252611655	CLJ C 1-3 GE/SW J MP	E.17
0252611657	CLJ C 1-3 GE/SW K MP	E.17
0252611659	CLJ C 1-3 GE/SW L MP	E.17
0252611661	CLJ C 1-3 GE/SW M MP	E.17
0252611663	CLJ C 1-3 GE/SW N MP	E.17
0252611664	CLJ C 1-3 BL/WS N MP	E.17
0252611665	CLJ C 1-3 GE/SW O MP	E.17
0252611667	CLJ C 1-3 GE/SW P MP	E.17
0252611669	CLJ C 1-3 GE/SW Q MP	E.17
0252611671	CLJ C 1-3 GE/SW R MP	E.17

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0252611673	CLJ C 1-3 GE/SW S MP	E.17
0252611676	CLJ C 1-3 GE/SW T MP	E.17
0252611679	CLJ C 1-3 GE/SW U MP	E.17
0252611681	CLJ C 1-3 GE/SW V MP	E.17
0252611683	CLJ C 1-3 GE/SW W MP	E.17
0252611687	CLJ C 1-3 GE/SW X MP	E.17
0252611695	CLJ C 1-3 GE/SW 0 MP	E.17
0252611696	CLJ C 1-3 GE/SW Y MP	E.17
0252611697	CLJ C 1-3 GE/SW Ä MP	E.17
0252611698	CLJ C 1-3 GE/SW Z MP	E.17
0252611699	CLJ C 1-3 GE/SW Ä MP	E.17
0252611737	CLJ C 1-3 RT/WS + MP	E.17
0252611738	CLJ C 1-3 GE/SW + MP	E.17
0252611740	CLJ C 1-3 GE/SW - MP	E.17
0252611741	CLJ C 1-3 BL/WS - MP	E.17
0252611742	CLJ C 1-3 GE/SW / MP	E.17
0252611746	CLJ C 1-3 GE/SW ET MP	E.17
0252611747	CLJ C 1-3 GE/SW PET. MP	E.17
0252611748	CLJ C 1-3 GE/SW .MP	E.17
0252611750	CLJ C 1-3 GE/SW .MP	E.17
0252611751	CLJ C 1-3 GE/SW – MP	E.17
0252611752	CLJ C 1-3 GE/SW AC MP	E.17
0252709999	CLJ C 1-6 SDR CD	E.9
0252711522	CLJ C 1-6 GE/SW 01 MP	E.21
0252711523	CLJ C 1-6 GE/SW 02 MP	E.21
0252711524	CLJ C 1-6 GE/SW 03 MP	E.21
0252711525	CLJ C 1-6 GE/SW 04 MP	E.21
0252711526	CLJ C 1-6 GE/SW 05 MP	E.21
0252711527	CLJ C 1-6 GE/SW 06 MP	E.21
0252711528	CLJ C 1-6 GE/SW 07 MP	E.21
0252711529	CLJ C 1-6 GE/SW 08 MP	E.21
0252711530	CLJ C 1-6 GE/SW 09 MP	E.21
0252711726	CLJ C 1-6 GE/SW Ä1 MP	E.21
0252711727	CLJ C 1-6 GE/SW Ä2 MP	E.21
0252711728	CLJ C 1-6 GE/SW L1 MP	E.21
0252711729	CLJ C 1-6 GE/SW L2 MP	E.21
0252711730	CLJ C 1-6 GE/SW L3 MP	E.21
0252711733	CLJ C 1-6 GE/SW PE MP	E.21
0252711734	CLJ C 1-9 GE/SW PEN MP	E.22
0252809999	CLJ C 1-9 SDR CD	E.9
0253411502	CLJ C 3-6 GE/SW 0 MP	E.28
0253411505	CLJ C 3-6 GE/SW 1 MP	E.28
0253411508	CLJ C 3-6 GE/SW 2 MP	E.28
0253411511	CLJ C 3-6 GE/SW 3 MP	E.28
0253411514	CLJ C 3-6 GE/SW 4 MP	E.28
0253411517	CLJ C 3-6 GE/SW 5 MP	E.28
0253411520	CLJ C 3-6 GE/SW 6 MP	E.28
0253411523	CLJ C 3-6 GE/SW 7 MP	E.28
0253411526	CLJ C 3-6 GE/SW 8 MP	E.28
0253411529	CLJ C 3-6 GE/SW 9 MP	E.28
0253411637	CLJ C 3-6 GE/SW A MP	E.28
0253411639	CLJ C 3-6 GE/SW B MP	E.28
0253411641	CLJ C 3-6 GE/SW C MP	E.28
0253411643	CLJ C 3-6 GE/SW D MP	E.28
0253411645	CLJ C 3-6 GE/SW E MP	E.28
0253411647	CLJ C 3-6 GE/SW F MP	E.28
0253411649	CLJ C 3-6 GE/SW G MP	E.28
0253411651	CLJ C 3-6 GE/SW H MP	E.28
0253411653	CLJ C 3-6 GE/SW I MP	E.28
0253411655	CLJ C 3-6 GE/SW J MP	E.28
0253411657	CLJ C 3-6 GE/SW K MP	E.28
0253411659	CLJ C 3-6 GE/SW L MP	E.28
0253411661	CLJ C 3-6 GE/SW M MP	E.28
0253411663	CLJ C 3-6 GE/SW N MP	E.28
0253411665	CLJ C 3-6 GE/SW O MP	E.28
0253411667	CLJ C 3-6 GE/SW P MP	E.28
0253411669	CLJ C 3-6 GE/SW Q MP	E.28
0253411671	CLJ C 3-6 GE/SW R MP	E.28
0253411673	CLJ C 3-6 GE/SW S MP	E.28
0253411676	CLJ C 3-6 GE/SW T MP	E.28
0253411679	CLJ C 3-6 GE/SW U MP	E.28
0253411681	CLJ C 3-6 GE/SW V MP	E.28
0253411683	CLJ C 3-6 GE/SW W MP	E.28
0253411687	CLJ C 3-6 GE/SW X MP	E.28
0253411696	CLJ C 3-6 GE/SW Y MP	E.28
0253411698	CLJ C 3-6 GE/SW Z MP	E.28
0253411738	CLJ C 3-6 GE/SW + MP	E.28
0253411740	CLJ C 3-6 GE/SW - MP	E.29
0253411741	CLJ C 3-6 BL/WS - MP	E.29
0253411742	CLJ C 3-6 GE/SW / MP	E.29
0253411746	CLJ C 3-6 GE/SW ET MP	E.29
0253411748	CLJ C 3-6 GE/SW .MP	E.29
0253411750	CLJ C 3-6 GE/SW – MP	E.29

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0518960051	DEK 6 FWZ 51-60	E.3
0518960061	DEK 6 FWZ 61-70	E.3
0518960071	DEK 6 FWZ 71-80	E.3
0518960081	DEK 6 FWZ 81-90	E.3
0518960091	DEK 6 FWZ 91-100	E.3
0518960101	DEK 6 FWZ 101-110	E.3
0519060001	DEK 6,5 FWZ 1-10	E.3
0519060011	DEK 6,5 FWZ 11-20	E.3
0519060021	DEK 6,5 FWZ 21-30	E.3

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0522361075	DEK 5 GW L1	E.3
0522361076	DEK 5 GW L2	E.3
0522361077	DEK 5 GW L3	E.3
0522660001	DEK 5 GW 1	E.3
0522660002	DEK 5 GW 2	E.3
0522660003	DEK 5 GW 3	E.3
0522660004	DEK 5 GW 4	E.3
0522660005	DEK 5 GW 5	E.3
0522660006	DEK 5 GW 6	E.3
0522660007	DEK 5 GW 7	E.3
0522660008	DEK 5 GW 8	E.3
0522660009	DEK 5 GW 9	E.3
0522660010	DEK 5 GW 10	E.3
0522660011	DEK 5 GW 11	E.3
0522660012	DEK 5 GW 12	E.3
0522660013	DEK 5 GW 13	E.3
0522660014	DEK 5 GW 14	E.3
0522660015	DEK 5 GW 15	E.3
0522660016	DEK 5 GW 16	E.3
0522660017	DEK 5 GW 17	E.3
0522660018	DEK 5 GW 18	E.3
0522660019	DEK 5 GW 19	E.3
0522660020	DEK 5 GW 20	E.3
0522660021	DEK 5 GW 21	E.3
0522761021	DEK 5 GWA	E.3
0522761022	DEK 5 GW B	E.3
0522761026	DEK 5 GW F	E.3
0522761032	DEK 5 GW L	E.3
0522761034	DEK 5 GW N	E.3
0522761035	DEK 5 GW O	E.3
0522761038	DEK 5 GWR	E.3
0522761039	DEK 5 GW S	E.3
0522761040	DEK 5 GW T	E.3
0522761041	DEK 5 GW U	E.3
0522761042	DEK 5 GW V	E.3
0522761043	DEK 5 GW W	E.3
0522761044	DEK 5 GW X	E.3
0523060001	DEK 5 FWZ 1-10	E.3
0523060011	DEK 5 FWZ 11-20	E.3
0523060021	DEK 5 FWZ 21-30	E.3
0523060031	DEK 5 FWZ 31-40	E.3
0523060041	DEK 5 FWZ 41-50	E.3
0523060051	DEK 5 FWZ 51-60	E.3
0523060061	DEK 5 FWZ 61-70	E.3
0523060071	DEK 5 FWZ 71-80	E.3
0523060081	DEK 5 FWZ 81-90	E.3
0523060091	DEK 5 FWZ 91-100	E.3
0524400000	CLI MH 70 HSTR	E.49
0526960001	DEK 6 GW 1	E.3
0526960002	DEK 6 GW 2	E.3
0526960003	DEK 6 GW 3	E.3
0526960004	DEK 6 GW 4	E.3
0526960005	DEK 6 GW 5	E.3
0526960006	DEK 6 GW 6	E.3
0526960008	DEK 6 GW 8	E.3
0526960010	DEK 6 GW 10	E.3

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0532100000	CUJ R 1 F, CUJ C 1-3	E.49
0537261187	DEK 5 GW PE	E.3

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0558360000	DEK 5 FWZ U,V,W,N,PE	E.3
0559200000	CUJ RS 3 MDCLJ C 02	E.49
0559300000	CUJ RS 4 MDCLJ C1+02	E.49
0559900000	CUJ R 02 F, CUJ C 02-3	E.49

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0560001501	CUJ R 02-3 GE/SW 0	E.31
0560001503	CUJ R 02-3 SW/WS 0	E.31
0560001504	CUJ R 02-3 GE/SW 1	E.31
0560001506	CUJ R 02-3 BR/WS 1	E.31
0560001507	CUJ R 02-3 GE/SW 2	E.31
0560001509	CUJ R 02-3 RT/WS 2	E.31
0560001510	CUJ R 02-3 GE/SW 3	E.31
0560001512	CUJ R 02-3 OR/SW 3	E.31
0560001513	CUJ R 02-3 GE/SW 4	E.31
0560001516	CUJ R 02-3 GE/SW 5	E.31
0560001518	CUJ R 02-3 GN/WS 5	E.31
0560001519	CUJ R 02-3 GE/SW 6	E.31
0560001521	CUJ R 02-3 BL/WS 6	E.31
0560001522	CUJ R 02-3 GE/SW 7	E.31
0560001524	CUJ R 02-3 V/WS 7	E.31
0560001525	CUJ R 02-3 GE/SW 8	E.31

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0560001527	CUJ R 02-3 GR/SW 8	E.31
0560001528	CUJ R 02-3 GE/SW 9	E.31
0560001530	CUJ R 02-3 WS/SW 9	E.31
0560001638	CUJ R 02-3 GE/SA 9	E.32
0560001640	CUJ R 02-3 GE/SB 9	E.32
0560001642	CUJ R 02-3 GE/SW C	E.32
0560001644	CUJ R 02-3 GE/SW D	E.32
0560001646	CUJ R 02-3 GE/SW E	E.32
0560001648	CUJ R 02-3 GE/SW F	E.32
0560001650	CUJ R 02-3 GE/SW G	E.32
0560001652	CUJ R 02-3 GE/SW H	E.32
0560001654	CUJ R 02-3 GE/SW I	E.32

0560001656	CUJ R 02-3 GE/SW J	E.32
0560001658	CUJ R 02-3 GE/SW K	E.32
0560001660	CUJ R 02-3 GE/SW L	E.32
0560001662	CUJ R 02-3 GE/SW M	E.32
0560001664	CUJ R 02-3 GE/SW N	E.32
0560001666	CUJ R 02-3 GE/SW O	E.32
0560001668	CUJ R 02-3 GE/SW P	E.32
0560001670	CUJ R 02-3 GE/SW Q	E.32
0560001672	CUJ R 02-3 GE/SW R	E.32
0560001675	CUJ R 02-3 GE/SW S	E.32
0560001678	CUJ R 02-3 GE/SW T	E.32
0560001680	CUJ R 02-3 GE/SW U	E.32
0560001682	CUJ R 02-3 GE/SW V	E.32
0560001684	CUJ R 02-3 GE/SW W	E.32
0560001687	CUJ R 02-3 GE NE	E.30
0560001693	CUJ R 02-3 GE/SW X	E.32
0560001697	CUJ R 02-3 GE/SW Y	E.32
0560001699	CUJ R 02-3 GE/SW Z	E.32
0560001738	CUJ R 02-3 GE/SW +	E.32
0560001739	CUJ R 02-3 RT/WS -	E.33
0560001740	CUJ R 02-3 GE/WS -	E.32
0560001741	CUJ R 02-3 BL/WS -	E.33
0560001743	CUJ R 02-3 GE/SW /	E.32
0560001749	CUJ R 02-3 GE/SW \	E.32
0560009999	CUJ R 02-3 SDR	E.30
0563600000	CLI RH 20-10 CLI R 10	E.49
0563700000	CLI RH 20-02 CLI R 02	E.49

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0572901502	CUJ R 1-3 SW/WS 0	E.33
0572901503	CUJ R 1-3 GE/SW 0	E.33
0572901505	CUJ R 1-3 BR/WS 1	E.33
0572901506	CUJ R 1-3 GE/SA 1	E.33
0572901508	CUJ R 1-3 GN/WS 2	E.33
0572901509	CUJ R 1-3 GE/SW 2	E.33
0572901511	CUJ R 1-3 OR/SW 3	E.33
0572901512	CUJ R 1-3 GE/SW 3	E.33
0572901515	CUJ R 1-3 GE/SA 4	E.33
0572901517	CUJ R 1-3 GN/WS 5	E.33
0572901518	CUJ R 1-3 GE/SA 5	E.33
0572901520	CUJ R 1-3 BL/WS 6	E.33
0572901521	CUJ R 1-3 GE/SW 6	E.33
0572901523	CUJ R 1-3 V/WS 7	E.33
0572901524	CUJ R 1-3 GE/SW 7	E.33
0572901526	CUJ R 1-3 GR/SA 8	E.33
0572901527	CUJ R 1-3 GE/SW 8	E.33
0572901529	CUJ R 1-3 WS/SW 9	E.33
0572901530	CUJ R 1-3 GE/SW 9	E.33
0572901638	CUJ R 1-3 GE/SA 4	E.34
0572901640	CUJ R 1-3 GE/SW B	E.34
0572901642	CUJ R 1-3 GE/SW D	E.34
0572901644	CUJ R 1-3 GE/SW D	E.34
0572901646	CUJ R 1-3 GE/SW E	E.34
0572901648	CUJ R 1-3 GE/SW F	E.34
0572901650	CUJ R 1-3 GE/SW G	E.34
0572901652	CUJ R 1-3 GE/SW H	E.34
0572901654	CUJ R 1-3 GE/SW I	E.34
0572901656	CUJ R 1-3 GE/SW J	E.34
0572901658	CUJ R 1-3 GE/SW K	E.34
0572901660	CUJ R 1-3 GE/SW L	E.34
0572901662	CUJ R 1-3 GE/SW M	E.34
0572901664	CUJ R 1-3 GE/SW N	E.34
0572901666	CUJ R 1-3 GE/SW O	E.34
0572901668	CUJ R 1-3 GE/SW P	E.34
0572901670	CUJ R 1-3 GE/SW Q	E.34
0572901672	CUJ R 1-3 GE/SW R	E.34
0572901675	CUJ R 1-3 GE/SW S	E.34
0572901678	CUJ R 1-3 GE/SW T	E.34
0572901680	CUJ R 1-3 GE/SW U	E.34
0572901682	CUJ R 1-3 GE/SW V	E.34
0572901684	CUJ R 1-3 GE/SW W	E.34
0572901687	CUJ R 1-3 GE NE	E.30
0572901693	CUJ R 1-3 GE/SW X	E.34
0572901697	CUJ R 1-3 GE/SW Y	E.34
0572901699	CUJ R 1-3 GE/SW Z	E.34
0572901738	CUJ R 1-3 GE/SW +	E.34
0572901739	CUJ R 1-3 RT/WS +	E.34
0572901740	CUJ R 1-3 GE/SW -	E.34
0572901741	CUJ R 1-3 BL/WS -	E.34
0572901743	CUJ R 1-3 GE/SW /	E.34
0572901745	CUJ R 1-3 GE/SW ET	E.34
0572901746	CUJ R 1-3 BL/WS N	E.34
0572901749	CUJ R 1-3 GE/SW \	E.34
0572909999	CUJ R 1-3 SDR	E.31
0576261198	DEK 5 GW +	E.3
0576261199	DEK 5 GW -	E.3

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0576261202	DEK 5 GW ERDE	E.3
0576261203	DEK 5 GW ERDE I.K.R.	E.3

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0631961187	DEK 6 FWZ L1-PE	E.3
0631961203	DEK 6 FWZ L1-ERDE I.K.R.E	E.3
0632161203	DEK 6,5 FW L1-ERDE I.K.R	E.3
0632560000	DEK 6 FW L,N,PE	E.3

0640000000

0648001637	CUJ 0 10-3 GE/SW A MP	E.38
0648001639	CUJ 0 10-3 GE/SW B MP	E.38
0648001641	CUJ 0 10-3 GE/SW C MP	E.38
0648001643	CUJ 0 10-3 GE/SW D MP	E.38
0648001645	CUJ 0 10-3 GE/SW E MP	E.38
0648001647	CUJ 0 10-3 GE/SW F MP	E.38
0648001649	CUJ 0 10-3 GE/SW G MP	E.38
0648001651	CUJ 0 10-3 GE/SW H MP	E.38
0648001653	CUJ 0 10-3 GE/SW I MP	E.38
0648001655	CUJ 0 10-3 GE/SW J MP	E.38
0648001657	CUJ 0 10-3 GE/SW K MP	E.38
0648001659	CUJ 0 10-3 GE/SW L MP	E.38
0648001661	CUJ 0 10-3 GE/SW M MP	E.38
0648001663	CUJ 0 10-3 GE/SW N MP	E.38
0648001665	CUJ 0 10-3 GE/SW O MP	E.38
0648001667	CUJ 0 10-3 GE/SW P MP	E.38
0648001669	CUJ 0 10-3 GE/SW Q MP	E.38
0648001671	CUJ 0 10-3 GE/SW R MP	E.38
0648001673	CUJ 0 10-3 GE/SW S MP	E.38
0648001676	CUJ 0 10-3 GE/SW T MP	E.38
0648001679	CUJ 0 10-3 GE/SW U MP	E.38
0648001681	CUJ 0 10-3 GE/SW V MP	E.38
0648001683	CUJ 0 10-3 GE/SW W MP	E.38
0648001687	CUJ 0 10-3 GE/SW X MP	E.38
0648001695	CUJ 0 10-3 GE/SW Y MP	E.38
0648001696	CUJ 0 10-3 GE/SW Y MP	E.38
0648001698	CUJ 0 10-3 GE/SW Z MP	E.38
0648001699	CUJ 0 10-3 GE/SW Ä MP	E.38
0648001738	CUJ 0 10-3 GE/SW + MP	E.38
0648001740	CUJ 0 10-3 GE/SW - MP	E.38
0648001746	CUJ 0 10-3 GE/SW ET MP	E.38
0648009999	CUJ 0 10-3 SDR MP	E.37
0648101502	CUJ 0 20-3 GE/SW 0 MP	E.39
0648101505	CUJ 0 20-3 GE/SW 1 MP	E.39
0648101508	CUJ 0 20-3 GE/SW 2 MP	E.39
0648101511	CUJ 0 20-3 GE/SW 3 MP	E.39
0648101514	CUJ 0 20-3 GE/SW 4 MP	E.39
0648101517	CUJ 0 20-3 GE/SW 5 MP	E.39
0648101520	CUJ 0 20-3 GE/SW 6 MP	E.39
0648101523	CUJ 0 20-3 GE/SW 7 MP	E.39
0648101526	CUJ 0 20-3 GE/SW 8 MP	E.39
0648101529	CUJ 0 20-3 GE/SW 9 MP	E.39
0648101637	CUJ 0 20-3 GE/SW A MP	E.39
0648101639	CUJ 0 20-3 GE/SW B MP	E.39
0648101641	CUJ 0 20-3 GE/SW C MP	E.39
0648101643	CUJ 0 20-3 GE/SW D MP	E.39
0648101645	CUJ 0 20-3 GE/SW E MP	E.39
0648101647	CUJ 0 20-3 GE/SW F MP	E.39
0648101649	CUJ 0 20-3 GE/SW G MP	E.39
0648101651	CUJ 0 20-3 GE/SW H MP	E.39
0648101653	CUJ 0 20-3 GE/SW I MP	E.39
0648101655	CUJ 0 20-3 GE/SW J MP	E.39
0648101657	CUJ 0 20-3 GE/SW K MP	E.39
0648101659	CUJ 0 20-3 GE/SW L MP	E.39
0648101661	CUJ 0 20-3 GE/SW M MP	E.39
0648101663	CUJ 0 20-3 GE/SW N MP	E.39
0648101665	CUJ 0 20-3 GE/SW O MP	E.39
0648101667	CUJ 0 20-3 GE/SW P MP	E.39
0648101669	CUJ 0 20-3 GE/SW Q MP	E.39
0648101671	CUJ 0 20-3 GE/SW R MP	E.39
0648101673	CUJ 0 20-3 GE/SW S MP	E.39
0648101676	CUJ 0 20-3 GE/SW T MP	E.39
0648101679	CUJ 0 20-3 GE/SW U MP	E.39
0648101681	CUJ 0 20-3 GE/SW V MP	E.39
0648101683	CUJ 0 20-3 GE/SW W MP	E.39
0648101687	CUJ 0 20-3 GE/SW X MP	E.39
0648101695	CUJ 0 20-3 GE/SW 0 MP	E.40
0648101696	CUJ 0 20-3 GE/SW Y MP	E.39
0648101697	CUJ 0 20-3 GE/SW Ä MP	E.40
0648101698	CUJ 0 20-3 GE/SW Z MP	E.39
0648101738	CUJ 0 20-3 GE/SW + MP	E.40
0648101740	CUJ 0 20-3 GE/SW - MP	E.40
0648109999	CUJ 0 20-3 SDR MP	E.37
0648201502	CUJ 0 30-3 GE/SW 0 MP	E.40
0648201505	CUJ 0 30-3 GE/SW 1 MP	E.40
0648201508	CUJ 0 30-3 GE/SW 2 MP	E.40
0648201511	CUJ 0 30-3 GE/SW 3 MP	E.40
0648201514	CUJ 0 30-3 GE/SW 4 MP	E.40
0648201517	CUJ 0 30-3 GE/SW 5 MP	E.40
0648201520	CUJ 0 30-3 GE/SW 6 MP	E.40
0648201523	CUJ 0 30-3 GE/SW 7 MP	E.40
0648201526	CUJ 0 30-3 GE/SW 8 MP	E.40
0648201529	CUJ 0 30-3 GE/SW 9 MP	E.40
0648201637	CUJ 0 30-3 GE/SW A MP	E.41
0648201639	CUJ 0 30-3 GE/SW B MP	E.41
0648201641	CUJ 0 30-3 GE/SW C MP	E.41
0648201643	CUJ 0 30-3 GE/SW D MP	E.41

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1030000000		
1038650000	DEK 5/6 PLUS MC SDR	C.26
1038660000	MF 10/5 MC CABUR SDR	C.53
1038670000	MF 12/5 MC CABUR SDR	C.54
1038690000	MF 4/5.2 MC SDR	C.54
1038730000	MF 5/10 MC SDR	C.57
1038750000	MF-W 9/4 2F MC SDR	C.61
1038760000	MF-W 9/5 2F MC SDR	C.63
1038770000	MF-W 9/6 2F MC SDR	C.64
1038790000	WS 8/5 PLUS MC SDR	C.32
1038820000	WS 8/6 PLUS MC SDR	C.37
1038830000	DMC 12/27 MC SDR	C.107
1038840000	ESG 5/10 MC SDR	C.109
1038850000	ESG 8/11 MC SDR	C.115
1038860000	ESG 8/13.5/43.3 SAI SDR	C.115
1038870000	ESG 8/17 L MC SDR	C.116
1038890000	ESG 9/10 MC SDR	C.120
1038890000	ESG X20 MC SDR	C.127
1038910000	ESG-M 8/20 MC SDR	C.129
1038920000	ESG-M 9/17 MC SDR	C.129
1038930000	ESG X20 10/7 MC SDR	C.127
1038940000	ESG 9/6 MC SDR	C.126

1040000000		
1045570000	ELS 6/30 MC NE WS	C.81
1045570000	ELS 6/30 MC NE WS	C.97
1045570000	ELS 6/30 MC NE WS	F.4
1045570000	ELS 6/30 MC NE WS	F.8
1045570000	ELS 6/30 MC NE WS	F.17
1045580000	ELS 6/30 MC NE GE	C.81
1045580000	ELS 6/30 MC NE GE	C.97
1045580000	ELS 6/30 MC NE GE	F.4
1045580000	ELS 6/30 MC NE GE	F.17
1045620000	ELS 16/40 MC NE WS	C.82
1045620000	ELS 16/40 MC NE WS	C.97
1045620000	ELS 16/40 MC NE WS	F.7
1045620000	ELS 16/40 MC NE WS	F.18
1045630000	ELS 16/40 MC NE GE	C.82
1045630000	ELS 16/40 MC NE GE	C.97
1045630000	ELS 16/40 MC NE GE	F.7
1045630000	ELS 16/40 MC NE GE	F.18
1045640000	ELS 7/40 MC NE WS	C.81
1045640000	ELS 7/40 MC NE WS	F.7
1045650000	ELS 7/40 MC NE GE	C.81
1045650000	ELS 7/40 MC NE GE	F.7
1045660000	ELS 6/30 MC SDR	C.81
1045660000	ELS 6/30 MC SDR	C.97
1045690000	ELS 16/40 MC SDR	C.82
1045690000	ELS 16/40 MC SDR	C.97
1045700000	ELS 7/40 MC SDR	C.81
1045980000	MF-W 9/5F MC NE GR	C.62
1046320000	WS 10/5 PLUS MC SDR	C.33
1046330000	WS 10/6 PLUS MC SDR	C.38
1046340000	DEK 5/6.5 PLUS MC NE WS	C.27
1046350000	DEK 5/8 PLUS MC NE WS	C.28
1046360000	DEK 5/6.5 PLUS MC SDR	C.27
1046370000	DEK 5/8 PLUS MC SDR	C.28
1046380000	WS 10/5 PLUS MC NE WS	C.33
1046390000	WS 10/6 PLUS MC NE WS	C.38

1050000000		
1051870000	SFX 11/60 MC NE BL	C.91
1057580000	CC 15/60 04MM MC NE WS	C.146
1058740000	THM MT30X 15/9 GE	D.51
1058750000	THM MT30X 15/9 WS	D.51
1058770000	THM MT30X 100/90 SI	D.52
1059200000	CB-R 200/7.5 NC	F.24
1059210000	CB-R 200/7.5 BK	F.24
1059220000	CB-R 250/7.5 NC	F.24
1059230000	CB-R 250/7.5 BK	F.24
1059240000	CB-R 350/7.5 NC	F.24
1059250000	CB-R 350/7.5 BK	F.24
1059780000	THM GEW 15/6 WS	D.53
1059790000	THM GEW 15/6 GE	D.53
1059800000	THM GEW 17/9 WS	D.53
1059810000	THM GEW 17/9 GE	D.53
1059820000	THM GEW 18/8 WS	D.53
1059830000	THM GEW 18/6 GE	D.53
1059840000	THM GEW 18/9 WS	D.53
1059850000	THM GEW 18/9 GE	D.53
1059870000	THM GEW 20/8 WS	D.53
1059880000	THM GEW 20/8 GE	D.53
1059990000	CC 15/60 04MM MC NE SI	C.146

1060000000		
1060010000	CC 15/60 04MM MC SDR	C.146
1061810000	THM MT30X 101/74 GE	D.52
1062000000	SFC 2.5/12 MC NE WS	C.93
1062010000	SFC 2.5/12 MC NE GE	C.93
1062020000	SFC 2.5/12 MC NE RT	C.93
1062030000	SFC 2.5/12 MC NE BL	C.93
1062040000	SFC 2.5/12 MC SDR	C.93
1062050000	SFC 2.5/21 MC NE WS	C.93
1062070000	SFC 2.5/21 MC NE GE	C.93
1062080000	SFC 2.5/21 MC NE RT	C.93

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1062090000	SFC 2.5/21 MC NE BL	C.93
1062110000	SFC 2.5/21 MC SDR	C.93
1062860000	WAD 27 B GE/SW	F.3
1062960000	WAD 27 NE WS	F.3
1069080000	WS 10/6 MC M NE BL	C.38

1070000000		
1072640000	CC 15/60 MC NE GR	C.146
1072650000	CC 15/60 K MC NE GR	C.146
1072670000	CC 30/60 MC NE GR	C.147
1072680000	CC 30/60 K MC NE GR	C.147
1072690000	THM MT30X 15/4 GE	D.51
1073340000	SM 27/18 K MC NE GR	C.136
1076890000	SFX 11/60 MC NE GE VO	C.91
1076970000	CC 15/49 MC NE GE	C.145
1078320000	CC 30/60 K MC NE GE	C.147
1079470000	SM 27/8 MC NE GR	C.135
1079480000	SM 27/8 K MC NE GR	C.135
1079490000	SM 27/12.5 MC NE GR	C.135
1079510000	SM 27/27 MC NE GR	C.137
1079520000	SM 27/27 K MC NE GR	C.137
1079530000	CC 15/17 MC NE GR	C.143
1079540000	CC 15/17 K MC NE GR	C.143
1079550000	CC 15/27 MC NE GR	C.143
1079560000	CC 15/27 K MC NE GR	C.143
1079570000	CC 15/49 MC NE GR	C.145
1079580000	CC 15/49 K MC NE GR	C.145

1080000000		
1082490000	ESG 6.6/11 BHZ 5.00/02	C.111
1082520000	ESG 6.6/15 BHZ 5.00/03	C.112
1082540000	ESG 6.6/20 BHZ 5.00/04	C.112
1083150000	CC 30/60 04MM MC NE WS	C.148
1083160000	CC 30/60 04MM MC NE GE	C.148
1083170000	CC 30/60 04MM MC NE GR	C.148
1083190000	CC 30/60 04MM MC SDR	C.148
1083230000	SFX 30/60 MC NE WS	C.91
1083240000	SFX 30/60 MC NE GE	C.91
1083260000	SFX 30/60 MC SDR	C.91
1085430000	CC 30/60 K MC NE RT	C.147
1085440000	THM MT30X 20/100 WS	D.51

1090000000		
1095590000	THM ET S7 50/25 GE	D.54
1096170000	THM EL VIN 15 WS SL 30M	D.53

1100000000		
1105550000	THM EL VIN 24 WS 3L 30M	D.53
1105560000	THM EL VIN 38 WS 2L 30M	D.53
1107340000	TABPACK FLAG 54/8 WS	E.57
1109130000	THM WO 24.5/62 WS	D.29
1109140000	THM WO 25.4/95.2 WS	D.29
1109150000	THM WO 50.8/170 WS	D.29
1109170000	THM WO 50.8/150 RT	D.29
1109180000	THM WO 50.8/150 GE	D.29
1109190000	THM WO 50.8/150 BL	D.29

1110000000		
1110600000	THM WO VIN 25.4/36.5 WS IW	D.30
1110610000	THM WO VIN 25.4/95.2 WS IW	D.30
1111190000	CC 15/45 MC SDR	C.144
1111200000	CC 15/45 K MC SDR	C.144
1111210000	CC 15/45 MC NE WS	C.144
1111230000	CC 15/45 MC NE GE	C.144
1111240000	CC 15/45 MC NE GR	C.144
1111250000	CC 15/45 K MC NE WS	C.144
1111260000	CC 15/45 K MC NE GE	C.144
1111270000	CC 15/45 K MC NE GR	C.144
1112910000	WAD 5 MC NE WS	C.75
1112920000	WAD 5 MC NE GE	C.75
1112930000	WAD 5 MC SDR	C.75
1112940000	WAD 8 MC NE WS	C.76
1112950000	WAD 8 MC NE GE	C.76
1112970000	WAD 8 MC SDR	C.76
1114450000	THM GEW 30/8 GE	D.53

1120000000		
1120450000	WAD 5 MC B GE/SW	C.75
1120470000	WAD 8 MC B GE/SW	C.76

1130000000		
1131800000	SM 27/27 K MC NE GE	C.137
1131810000	SM 27/12.5 K MC NE GE	C.135
1131820000	SM 27/8 K MC NE GE	C.135
1131830000	SM 22/22 K MC NE GE	C.134
1131840000	SM 27/27 MC NE GE	C.137
1131850000	SM 27/18 MC NE GE	C.136
1131860000	SM 27/12.5 MC NE GE	C.135
1131870000	SM 27/8 MC NE GE	C.135
1131880000	CC 15/60 04MM MC NE GE	C.146
1131890000	CC 15/60 K MC NE GE	C.146
1131910000	CC 15/27 K MC NE GE	C.143

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1131920000	CC 15/17 K MC NE GE	C.143
1131930000	CC 15/17 MC NE GE	C.143
1131940000	CC 15/27 MC NE GE	C.143
1131960000	CC 15/60 MC NE GE	C.146
1131970000	CC 15/49 K MC NE GE	C.145
1136810000	ESG 6/15 F MC NE WS	C.110
1138400000	CC 85/54 MC NE WS	C.149
1138410000	CC 85/54 MC NE GE	C.149
1138420000	CC 85/54 MC NE GR	C.149
1138430000	CC 85/54 K MC NE WS	C.149
1138440000	CC 85/54 K MC NE GE	C.149
1138450000	CC 85/54 K MC NE GR	C.149
1138460000	CC 85/54 MC SDR	C.149
1138470000	CC 85/54 K MC SDR	C.149

1150000000		
1158820000	CC 30/60 04MM MC NE GN	C.148
1158830000	CC 30/60 04MM MC NE RT	C.148
1158840000	CC 30/60 04MM MC NE BL	C.148

1160000000		
1161710000	THM ET S7 400 TU	D.54
1161730000	THM ET S7 300-2 TU	D.54
1161740000	THM ET S7 300-2 GE	D.54
1161750000	THM ET S7 300-1 TU	D.54
1161770000	THM ET S7 300-1 GE	D.54
1161780000	THM ET S7 50/25 TU	D.54
1161790000	THM ET S7 50/12.5 TU	D.54
1161810000	THM ET S7 50/12.5 GE	D.54

1170000000		
1175850000	DKB CC 85/54	C.159

1180000000		
1180910000	THM MT30X 36/89 WS	D.51

1190000000		
1191390000	ELS 6/30 K MC NE WS	C.81
1191390000	ELS 6/30 K MC NE WS	C.97
1192740000	THM VIN 101/48 GE/G	D.52
1192750000	THM VIN 101/74 GE/G	D.52
1192760000	THM VIN 101/150 GE/G	D.52
1192770000	TM 7/18 HF/HB	F.11
1192780000	TM 8/18 HF/HB	F.11

1200000000		
1208970000	WS 7.8/9.2 PLUS MC NE GR	C.42
1209010000	THM VIN 36/18 SI	D.52

1220000000		
1221520000	ESG 6.6/20 BHZ 5.00 SDR	C.112
1226620000	DKB CC 85/27	C.154

1230000000		
1238340000	DEK 5/5 MC NE OR	C.24

1240000000		
1249460000	CC 85/54 04MM MC SDR	C.150
1249470000	CC DIA 30/4.2 MC SDR	C.151
1248480000	CC 85/54 04MM MC NE WS	C.150
1248490000	CC 85/54 04MM MC NE GE	C.150
1248510000	CC 85/54 04MM MC NE GR	C.150
1248520000	CC DIA 30/4.2 MC NE WS	C.151
1248530000	CC DIA 30/4.2 MC NE GE	C.151
1248540000	CC DIA 30/4.2 MC NE GR	C.151
1248550000	SM 18/9.5 K MC SDR	C.133
1248560000	SM 19/42 K MC SDR	C.133
1248570000	SM 45/45-24 MC SDR	C.140
1248580000	SM 18/9.5 K MC NE WS	C.133
1248590000	SM 18/9.5 K MC NE GE	C.133
1248610000	SM 18/9.5 K MC NE GR	C.133
1248620000	SM 19/42 K MC NE WS	C.133
1248630000	SM 19/42 K MC NE GE	C.133
1248640000	SM 19/42 K MC NE GR	C.133
1248650000	SM 45/45-24 MC NE WS	C.140
1248660000	SM 45/45-24 MC NE GE	C.140
1248670000	SM 45/45-24 MC NE GR	C.140
1248740000	SFX 9/40 S MC SDR	C.91
1248750000	SFX 10/60 S MC SDR	C.91
1248760000	SFX 9/40 S MC NE WS	C.91
1248770000	SFX 9/40 S MC NE GE	C.91
1248780000	SFX 9/40 S MC NE RT	C.91
1248790000	SFX 9/40 S MC NE BL	C.91
1248810000	SFX 10/60 S MC NE WS	C.91
1248820000	SFX 10/60 S MC NE GE	C.91
1248830000	SFX 10/60 S MC NE RT	C.91
1248840000	SFX 10/60 S MC NE BL	C.91

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1250000000		
1250080000	MF 5/12 MC SDR	C.58
1250090000	MF 5/12 MC NE WS	C.58
1253150000	THM WO VIN 25/25 WS	D.30

1260000000		
1266120000	CC DIA 30/3.5 MC NE WS	C.150
1266130000	CC DIA 30/3.5 MC NE GE	C.150
1266140000	CC DIA 30/3.5 MC NE GR	C.150
1266150000	CC DIA 30/3.5 MC SDR	C.150

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1327650000	CC-M 85/27 AL	C.154
1327670000	CC-M 85/27 ST	C.154
1327680000	CC-M 30/60 AL	C.161
1327690000	CC-M 30/60 ST	C.161
1327700000	CC-M 15/60 AL	C.160
1327720000	CC-M 15/60 ST	C.160
1327730000	CC-M 15/45 AL	C.156
1327740000	CC-M 15/45 ST	C.156
1327750000	CC-M DIA 30 AL	C.163
1327770000	CC-M DIA 30 ST	C.163
1327780000	SFX-M 11/60 AL	C.99
1327790000	SFX-M 11/60 ST	C.99
1327800000	CC-M 85/54 4X3 AL	C.159
1327820000	CC-M 85/54 4X3 ST	C.159
1327830000	CC-M 85/27 2X3 AL	C.154
1327840000	CC-M 85/27 2X3 ST	C.154
1327850000	CC-M 30/60 2X3 AL	C.161
1327870000	CC-M 30/60 2X3 ST	C.161
1327880000	CC-M 15/60 2X3 AL	C.160
1327890000	CC-M 15/60 2X3 ST	C.160
1327900000	CC-M 15/45 2X3 AL	C.157
1327920000	CC-M 15/45 2X3 ST	C.157

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1331600000	MULTIMARK CUTTER	D.5
1335100000	THM GEW 38/19 GE	D.53
1336680000	SM 37.5/17 MC SDR	C.138
1336710000	SM 37.5/17 MC NE WS	C.138
1336720000	SM 37.5/17 MC NE GR	C.138
1338280000	THM MT30X 17.5/17.5 SI	D.51
1338650000	PJ ADV TNTX INK Y	C.11
1338670000	PJ ADV TNTX INK M	C.11
1338680000	PJ ADV TNTX INK C	C.11
1338690000	PJ ADV TNTX INK K	C.11
1338710000	PJ ADV TNAW	C.11
1338720000	PJ ADV TNTX INK SET	C.11
1339570000	THM ESO7 PA WS	F.17
1339580000	THM ESO7 PA GE	F.17

1340000000

1341030000	INLAY CC-M 85/54	C.159
1341040000	INLAY CC-M 27/18	C.153
1341050000	INLAY CC-M 85/27	C.154
1341070000	INLAY CC-M 30/60	C.161
1341080000	INLAY CC-M 15/60	C.160
1341090000	INLAY CC-M 15/45	C.156
1341090000	INLAY CC-M 15/45	C.157
1341100000	INLAY CC-M DIA 30	C.163
1341110000	INLAY SFX-M 11/60	C.99
1341110000	INLAY SFX-M 11/60	C.100
1341120000	INLAY CC-M UNIVERSAL	C.153
1341120000	INLAY CC-M UNIVERSAL	C.154
1341120000	INLAY CC-M UNIVERSAL	C.156
1341120000	INLAY CC-M UNIVERSAL	C.157
1341120000	INLAY CC-M UNIVERSAL	C.159
1341120000	INLAY CC-M UNIVERSAL	C.160
1341120000	INLAY CC-M UNIVERSAL	C.161
1341120000	INLAY CC-M UNIVERSAL	C.163
1341130000	DKB CC 30/60	C.161
1341140000	DKB CC 27/18	C.153
1341150000	DKB CC 15/60	C.160
1341170000	DKB CC 15/45	C.156
1341180000	DKB CC DIA 30	C.163
1341590000	DEK 5/5 S MC SDR	C.25
1341610000	DEK 5/8-11.5 MC SDR	C.29
1341620000	DEK 5/5 S MC NEWS	C.25
1341630000	DEK 5/8-11.5 MC NE WS	C.29
1346130000	SM 27/18 MC NE GR	C.136
1346320000	ESG 6.6/15 BHZ 5.00 SDR	C.112
1346330000	ESG 6.6/11 BHZ 5.00 SDR	C.111

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1356490000	THM MT30X 32/9 GE	D.51
1356500000	THM MT30X 17/9 SI	D.51
1357420000	MULTIMARK ROLLER 115	D.5
1357430000	MULTIMARK ROLLER 30	D.5
1358460000	DEK 5 FW 1,3,5..._99	E.3
1358560000	DEK 5 FW 2,4..._100	E.3
1358660000	DEK 6 FW 1,3,5..._99	E.3
1358760000	DEK 6 FW 2,4..._100	E.3

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1364020000	DEK 5/6.5 PLUS MC NE GE	C.27
1365630000	THM GEW 15/9 GE	D.53
1368740000	THM GEW 45/23 GE	D.53
1369480000	DEK 5/3.5 MC NE GE	F.6
1369540000	SFX 30/60 MC NE BL	C.91
1369550000	SFX 30/60 MC NE RT	C.91

1370000000

1378110000	THM MT30X 63.5/50.8 SI	D.52
1378120000	THM MT30X 25.4/50.8 SI	D.51
1378130000	THM MT30X 76.2/50.8 WS	D.52
1378710000	ESG 6/15 RIDER MC NE GE	C.110

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1382930000	THM WO VIN 17.8/34 WS	D.30
1382940000	THM WO VIN 12/18 WS	D.30

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1390400000	CC-M 18/52 2X3 AL	C.158
1390430000	INLAY CC-M 18/52	C.158
1391380000	THM GEW 20/12 GE	D.53
1391390000	THM MT30X 12/6 GE	D.51
1391400000	THM EL 60 SI 50M	D.53
1391410000	THM WO VIN 24.5/62 WS	D.30
1391430000	THM WO VIN 24.5/100 WS	D.30

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1409630000	TM-M 12/18 MC NE GE	C.95
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1411800000	ELS 16/40 K MC NE WS	C.82
1411800000	ELS 16/40 K MC NE WS	C.97
1415670000	CC-M 58/35 2X3 ST	C.156
1415680000	CC-M 70/48 2X3 ST	C.158
1415710000	CC-M 58/35 2X3 AL	C.156
1415720000	CC-M 70/48 2X3 AL	C.158
1415730000	CC-M 58/35 ST	C.155
1415740000	CC-M 70/48 ST	C.157
1415750000	CC-M 58/35 AL	C.156
1415770000	CC-M 70/48 AL	C.157
1415940000	INLAY CC-M 70/48	C.157
1415940000	INLAY CC-M 70/48	C.158
1415950000	INLAY CC-M 58/35	C.155
1415950000	INLAY CC-M 58/35	C.156
1416330000	MULTIMARK PERFORATOR	D.5
1419980000	THM EL 100 GE 30M	D.53

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1420010000	THM EL 100 WS 30M	D.53
1422560000	SFX-M 11/60.5 AL	C.99
1422570000	SFX-M 11/60.5 ST	C.99
1423220000	HSS-HF 1.2-2.4 EL Y13M	D.38
1423230000	HSS-HF 1.6-3.2 EL Y13M	D.38
1423240000	HSS-HF 2.4-4.8 EL Y13M	D.38
1423250000	HSS-HF 3.2-6.4 EL Y13M	D.38
1423260000	HSS-HF 4.8-9.5 EL Y13M	D.38
1423270000	HSS-HF 6.4-12.7 EL Y13M	D.38
1423280000	HSS-HF 9.5-19.1 EL Y10M	D.37
1423290000	HSS-HF 12.7-25.4EL Y10M	D.38
1423300000	HSS-HF 1.2-2.4 EL W13M	D.37
1423310000	HSS-HF 1.6-3.2 EL W13M	D.38
1423340000	HSS-HF 2.4-4.8 EL W13M	D.38
1423350000	HSS-HF 3.2-6.4 EL W13M	D.38
1423360000	HSS-HF 4.8-9.5 EL W13M	D.38
1423370000	HSS-HF 6.4-12.7 EL W13M	D.38
1423380000	HSS-HF 9.5-19.1 EL W10M	D.37
1423390000	HSS-HF 12.7-25.4EL W10M	D.37
1423410000	HSS-HF 12.7-25.4EL W10M	D.37
1426210000	RIBBON HSS HF EL 40/300 SW	D.5
1426210000	RIBBON HSS HF EL 40/300 SW	D.7
1426210000	RIBBON HSS HF EL 40/300 SW	D.9
1426210000	RIBBON HSS HF EL 40/300 SW	D.36
1426210000	RIBBON HSS HF EL 40/300 SW	D.37
1426210000	RIBBON HSS HF EL 40/300 SW	D.38
1426210000	RIBBON HSS HF EL 40/300 SW	D.39
1426210000	RIBBON HSS HF EL 40/300 SW	D.40
1428170000	SM 27/18-22 K MC NE WS	C.138
1428180000	SM 27/18-22 K MC NE GR	C.138
1428190000	SM 36/18-30 K MC NE WS	C.139
1428200000	SM 36/18-30 K MC NE GR	C.139
1428480000	TM-M 23 MC NE WS	C.95
1428480000	TM-M 23 MC NEWS	F.14
1428490000	TM-M 23 MC NE GE	C.95
1428510000	TM-M 23 MC NE RT	C.95
1428520000	TM-M 23 MC NE BL	C.95
1429440000	THM WO 15/70 WS	D.29
1429450000	THM WO 15/140 WS	D.29

1430000000

1432750000	SFX 11/60 MC NE WS VO	C.91
1433860000	SM 36/18-30 K MC SDR	C.139
1433870000	SM 27/18-22 K MC SDR	C.138
1433880000	TM-M 23 MC SDR	C.95
1434110000	CC DIA 30/3.5 MC NE RT	C.150
1439540000	SFX-M 11/60.5 ST SDR	C.99

1440000000

1449830000	THM MT30X 27/85 WS	D.51
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1460000000

1463810000	THM EL VIN 25 GE 30M	D.53
1463820000	THM EL VIN 50 GE 30M	D.53
1463830000	THM EL VIN 100 GE 30M	D.53
1463870000	CC-M 27/18 2X3 AL	C.153
1463880000	CC-M 27/18 2X3 ST	C.153

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1468270000	THM MT30X 101/74 RT	D.52

1470000000

1474060000	CC-M 85/54 ST SDR	C.159
1474070000	CC-M 85/54 AL SDR	C.159
1474080000	CC-M 85/54 4X3 AL SDR	C.159
1474090000	CC-M 85/54 4X3 ST SDR	C.159
1474110000	CC-M 27/18 AL SDR	C.153
1474120000	CC-M 27/18 ST SDR	C.153
1474150000	CC-M 85/27 AL SDR	C.154
1474160000	CC-M 85/27 ST SDR	C.154
1474170000	CC-M 85/27 2X3 AL SDR	C.154
1474180000	CC-M 85/27 2X3 ST SDR	C.154
1474190000	CC-M 30/60 AL SDR	C.161
1474210000	CC-M 30/60 ST SDR	C.161
1474220000	CC-M 30/60 2X3 AL SDR	C.161
1474230000	CC-M 30/60 2X3 ST SDR	C.161
1474240000	CC-M 15/60 AL SDR	C.160
1474250000	CC-M 15/60 ST SDR	C.160
1474260000	CC-M 15/60 2X3 AL SDR	C.160
1474270000	CC-M 15/60 2X3 ST SDR	C.160
1474280000	CC-M 15/45 AL SDR	C.156
1474290000	CC-M 15/45 ST SDR	C.156
1474310000	CC-M 15/45 2X3 AL SDR	C.157
1474320000	CC-M 15/45 2X3 ST SDR	C.157
1474330000	CC-M 58/35 AL SDR	C.155
1474340000	CC-M 58/35 ST SDR	C.155
1474350000	CC-M 58/35 2X3 AL SDR	C.156
1474360000	CC-M 30/60 2X3 ST SDR	C.156
1474370000	CC-M 70/48 AL SDR	C.157
1474380000	CC-M 70/48 ST SDR	C.157
1474390000	CC-M 70/48 2X3 AL SDR	C.158
1474400000	CC-M 70/48 2X3 ST SDR	C.158
1474410000	CC-M DIA 30 AL SDR	C.163
1474420000	CC-M DIA 30 ST SDR	C.163
1474430000	SFX-M 11/60 ST SDR	C.99
1474440000	SFX-M 11/60.5 AL SDR	C.99
1474640000	THM EL VIN 45 WS 30M	D.53
1477340000	THM MT30X 27/21 SI	D.51

1480000000

1483770000	INLAY CC-M 10/30	C.155
1483780000	CC-M 10/30 2X2.5 AL	C.155
1487680000	THM ET 200SP 12.8/31 TU	D.54
1487690000	THM ET 200SP 12.8/31 GE	D.54
1489530000	HSS 0.8-2.4 EL Y13M	D.37
1489540000	HSS 1.0-3.2 EL Y13M	D.37
1489550000	HSS 1.6-4.8 EL Y13M	D.37
1489560000	HSS 2.1-6.4 EL Y13M	D.37
1489570000	HSS 3.2-9.5 EL Y13M	D.37
1489580000	HSS 4.2-12.7 EL Y13M	D.37
1489590000	HSS 6.4-19.1 EL Y10M	D.36
1489610000	HSS 8.5-25.4 EL Y10M	D.36
1489620000	HSS 0.8-2.4 EL W13M	D.37
1489630000	HSS 1.0-3.2 EL W13M	D.37
1489640000	HSS 1.6-4.8 EL W13M	D.37
1489650000	HSS 2.1-6.4 EL W13M	D.37
1489660000	HSS 3.2-9.5 EL W13M	D.37
1489670000	HSS 4.2-12.7 EL W13M	D.37
1489680000	HSS 6.4-19.1 EL W10M	D.36
1489690000	HSS 8.5-25.4 EL W10M	D.36

1490000000

1498780000	THM MT30X 89/60 WS	D.52
1498790000	THM MT30X 76/25 WS	D.52

1500000000

1500150000	CC-M 10/30 2X2.5 ST	C.155
1500170000	CC-M 27/70 2X3 AL	C.162
1500190000	CC-M 27/70 2X3 ST	C.162
1500200000	CC-M 43/70 AL	C.162
1500220000	CC-M 43/70 ST	C.162
1500230000	SFX-M 12/40.5 AL	C.100
1500240000	SFX-M 12/40.5 ST	C.100
1500250000	SFX-M 17/60.5 AL	C.100
1500270000	SFX-M 17/60.5 ST	C.100
1500290000	INLAY CC-M 27/70	C.162
1500300000	INLAY CC-M 43/70	C.162
1500330000	INLAY SFX-M 17/60	C.100
1500340000	DKB CC 43/70	C.162
1505140000	CC-M 10/30 2X2.5 AL SDR	C.155
1505150000	CC-M 10/30 2X2.5 ST SDR	C.155
1505160000	CC-M 27/70 2X3 AL SDR	C.162
1505170000	CC-M 27/70 2X3 ST SDR	C.162
1505180000	CC-M 43/70 AL SDR	C.162
1505190000	CC-M 43/70 ST SDR	C.162
1505210000	SFX-M 12/40.5 AL SDR	C.100
1505220000	SFX-M 12/40.5 ST SDR	C.100
1505230000	SFX-M 17/60.5 AL SDR	C.100
1505240000	SFX-M 17/60.5 ST SDR	C.100
1505350000	CC-M 18/52 2X3 ST	C.158
1505360000	CC-M 18/52 2X3 AL SDR	C.158
1505370000	CC-M 18/52 2X3 ST SDR	C.158
1505760000	HSS 0.8-2.4 EL Y30M	D.37
1505770000	HSS 1.0-3.2 EL Y30M	D.37

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1505780000	HSS 1.6-4.8 EL Y30M	D.37
1505790000	HSS 2.1-6.4 EL Y30M	D.37
1505800000	HSS 3.2-9.5 EL Y30M	D.37
1505810000	HSS 4.2-12.7 EL Y30M	D.37
1505820000	HSS 6.4-19.1 EL Y30M	D.37
1505830000	HSS 8.5-25.4 EL Y30M	D.37
1505840000	HSS 8.0-2.4 EL W30M	D.37
1505850000	HSS 1.0-3.2 EL W30M	D.37
1505860000	HSS 1.6-4.8 EL W30M	D.37
1505870000	HSS 2.1-6.4 EL W30M	D.37
1505880000	HSS 3.2-9.5 EL W30M	D.37
1505890000	HSS 4.2-12.7 EL W30M	D.37
1505900000	HSS 6.4-19.1 EL W30M	D.37
1505910000	HSS 8.5-25.4 EL W30M	D.37
1507060000	TM 201/23 V30	F.13
1507070000	TM 202/23 V30	F.13
1507080000	TM 203/23 V30	F.13
1507090000	TM 204/23 V30	F.13
1507100000	TM 205/23 V30	F.13
1507110000	TM 206/23 V30	F.13

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1562950000	HSS-HF 1.6-3.2 EL G30M	D.39
1562970000	HSS-HF 2.4-4.8 EL G30M	D.39
1562980000	HSS-HF 3.2-6.4 EL G30M	D.39
1562990000	HSS-HF 4.8-9.5 EL G30M	D.39
1563020000	HSS-HF 6.4-12.7 EL G30M	D.39
1563030000	HSS-HF 9.5-19.1 EL G30M	D.39
1563040000	HSS-HF 12.7-25.4 EL G30M	D.39
1568241055	CLJ C 02-3 GE/SW A CD	E.14
1568241056	CLJ C 02-3 GE/SW A CD	E.14
1568241057	CLJ C 02-3 GE/SW 0 CD	E.14
1568241058	CLJ C 02-3 GE NE CD	E.7
1568241502	CLJ C 02-3 GE/SW 0 CD	E.13
1568241503	CLJ C 02-3 SW/WS 0 CD	E.13
1568241505	CLJ C 02-3 GE/SW 1 CD	E.13
1568241506	CLJ C 02-3 BR/WS 1 CD	E.13
1568241508	CLJ C 02-3 GE/SW 2 CD	E.13
1568241509	CLJ C 02-3 RT/WS 2 CD	E.13
1568241509	CLJ C 02-3 RT/WS 3 CD	E.13
1568241512	CLJ C 02-3 GE/SW 3 CD	E.13
1568241512	CLJ C 02-3 OR/SW 3 CD	E.13
1568241514	CLJ C 02-3 GE/SW 4 CD	E.13
1568241517	CLJ C 02-3 GE/SW 5 CD	E.13
1568241518	CLJ C 02-3 GN/WS 5 CD	E.13
1568241520	CLJ C 02-3 GE/SW 6 CD	E.13
1568241521	CLJ C 02-3 BL/WS 6 CD	E.13
1568241523	CLJ C 02-3 GE/SW 7 CD	E.13
1568241524	CLJ C 02-3 VI/WS 7 CD	E.13
1568241526	CLJ C 02-3 GE/SW 8 CD	E.13
1568241527	CLJ C 02-3 GR/SW 8 CD	E.13
1568241529	CLJ C 02-3 GE/SW 9 CD	E.13
1568241530	CLJ C 02-3 WS/SW 9 CD	E.13
1568241637	CLJ C 02-3 GE/SW A CD	E.14
1568241639	CLJ C 02-3 GE/SW B CD	E.14
1568241641	CLJ C 02-3 GE/SW C CD	E.14
1568241643	CLJ C 02-3 GE/SW D CD	E.14
1568241645	CLJ C 02-3 GE/SW E CD	E.14
1568241647	CLJ C 02-3 GE/SW F CD	E.14
1568241649	CLJ C 02-3 GE/SW G CD	E.14
1568241651	CLJ C 02-3 GE/SW H CD	E.14
1568241653	CLJ C 02-3 GE/SW I CD	E.14
1568241655	CLJ C 02-3 GE/SW J CD	E.14
1568241657	CLJ C 02-3 GE/SW K CD	E.14
1568241659	CLJ C 02-3 GE/SW L CD	E.14
1568241661	CLJ C 02-3 GE/SW M CD	E.14
1568241663	CLJ C 02-3 GE/SW N CD	E.14
1568241665	CLJ C 02-3 GE/SW O CD	E.14
1568241667	CLJ C 02-3 GE/SW P CD	E.14
1568241669	CLJ C 02-3 GE/SW Q CD	E.14
1568241671	CLJ C 02-3 GE/SW R CD	E.14
1568241673	CLJ C 02-3 GE/SW S CD	E.14
1568241676	CLJ C 02-3 GE/SW T CD	E.14
1568241679	CLJ C 02-3 GE/SW U CD	E.14
1568241681	CLJ C 02-3 GE/SW V CD	E.14
1568241683	CLJ C 02-3 GE/SW W CD	E.14
1568241687	CLJ C 02-3 GE/SW X CD	E.14
1568241696	CLJ C 02-3 GE/SW Y CD	E.14
1568241698	CLJ C 02-3 GE/SW Z CD	E.14
1568241726	CLJ C 02-6 GE/SW A1 CD	E.15
1568241727	CLJ C 02-6 GE/SW A2 CD	E.15
1568241728	CLJ C 02-6 GE/SW L1 CD	E.15
1568241729	CLJ C 02-6 GE/SW L2 CD	E.15
1568241730	CLJ C 02-6 GE/SW L3 CD	E.15
1568241734	CLJ C 02-9 GE/SW PEN CD	E.15
1568241736	CLJ C 02-3 GE/SW 8 CD	E.12
1568241737	CLJ C 02-3 RT/WS + CD	E.14
1568241738	CLJ C 02-3 GE/SW + CD	E.14
1568241740	CLJ C 02-3 GE/SW - CD	E.14
1568241741	CLJ C 02-3 BL/WS - CD	E.14
1568241742	CLJ C 02-3 GE/SW / CD	E.14
1568241746	CLJ C 02-3 GE/SW ET CD	E.14
1568241747	CLJ C 02-3 GE/SW PET CD	E.14
1568241748	CLJ C 02-3 GE/SW - CD	E.14
1568241751	CLJ C 02-3 GE/SW - CD	E.14
1568241752	CLJ C 02-3 GE/SW ACCD	E.14
1568249999	CLJ C 02-3 SDR CD	E.9
1568250001	CLJ C 1-3 WS/SW 1 CD	E.18
1568250002	CLJ C 1-3 WS/SW 2 CD	E.18
1568250003	CLJ C 1-3 WS/SW 3 CD	E.18
1568250004	CLJ C 1-3 WS/SW 4 CD	E.18
1568250005	CLJ C 1-3 WS/SW 5 CD	E.18
1568250006	CLJ C 1-3 WS/SW 6 CD	E.18
1568250007	CLJ C 1-3 WS/SW 7 CD	E.18
1568250008	CLJ C 1-3 WS/SW 8 CD	E.18
1568251000	CLJ C 1-3 WS/SW 0 CD	E.18
1568251021	CLJ C 1-3 WS/SW A CD	E.19
1568251022	CLJ C 1-3 WS/SW B CD	E.19
1568251023	CLJ C 1-3 WS/SW C CD	E.19
1568251024	CLJ C 1-3 WS/SW D CD	E.19
1568251025	CLJ C 1-3 WS/SW E CD	E.19
1568251026	CLJ C 1-3 WS/SW F CD	E.19
1568251027	CLJ C 1-3 WS/SW G CD	E.19
1568251028	CLJ C 1-3 WS/SW H CD	E.19
1568251029	CLJ C 1-3 WS/SW I CD	E.19
1568251030	CLJ C 1-3 WS/SW J CD	E.19
1568251031	CLJ C 1-3 WS/SW K CD	E.19
1568251032	CLJ C 1-3 WS/SW L CD	E.19
1568251033	CLJ C 1-3 WS/SW M CD	E.19
1568251034	CLJ C 1-3 WS/SW N CD	E.19
1568251035	CLJ C 1-3 WS/SW O CD	E.19

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1568251036	CLJ C 1-3 WS/SW P CD	E.19
1568251037	CLJ C 1-3 WS/SW Q CD	E.19
1568251038	CLJ C 1-3 WS/SW R CD	E.19
1568251039	CLJ C 1-3 WS/SW S CD	E.19
1568251040	CLJ C 1-3 WS/SW T CD	E.19
1568251041	CLJ C 1-3 WS/SW U CD	E.19
1568251042	CLJ C 1-3 WS/SW V CD	E.19
1568251043	CLJ C 1-3 WS/SW W CD	E.19
1568251044	CLJ C 1-3 WS NE CD	E.8
1568251045	CLJ C 1-3 WS/SW Y CD	E.19
1568251046	CLJ C 1-3 WS/SW Z CD	E.19
1568251047	CLJ C 1-3 WS/SW - CD	E.20
1568251048	CLJ C 1-3 WS/SW + CD	E.20
1568251049	CLJ C 1-3 WS/SW - CD	E.20
1568251050	CLJ C 1-3 WS/SW / CD	E.20
1568251051	CLJ C 1-3 WS/SW : CD	E.20
1568251052	CLJ C 1-3 WS/SW - CD	E.20
1568251053	CLJ C 1-3 WS/SW ET CD	E.18
1568251054	CLJ C 1-3 WS/SW X CD	E.19
1568251055	CLJ C 1-3 WS/SW Y CD	E.20
1568251057	CLJ C 1-3 WS/SW 0 CD	E.20
1568251058	CLJ C 1-3 WS/SW PET CD	E.20
1568251502	CLJ C 1-3 GE/SW 0 CD	E.18
1568251503	CLJ C 1-3 WS/SW 0 CD	E.18
1568251505	CLJ C 1-3 GE/SW 1 CD	E.18
1568251506	CLJ C 1-3 BR/WS 1 CD	E.18
1568251508	CLJ C 1-3 GE/SW 2 CD	E.18
1568251509	CLJ C 1-3 RT/WS 2 CD	E.18
1568251511	CLJ C 1-3 GE/SW 3 CD	E.18
1568251512	CLJ C 1-3 OR/SW 3 CD	E.18
1568251514	CLJ C 1-3 GE/SW 4 CD	E.18
1568251517	CLJ C 1-3 GE/SW 5 CD	E.18
1568251518	CLJ C 1-3 GN/WS 5 CD	E.18
1568251520	CLJ C 1-3 GE/SW 6 CD	E.18
1568251521	CLJ C 1-3 BL/WS 6 CD	E.18
1568251523	CLJ C 1-3 GE/SW 7 CD	E.18
1568251524	CLJ C 1-3 VI/WS 7 CD	E.18
1568251526	CLJ C 1-3 GE/SW 8 CD	E.18
1568251527	CLJ C 1-3 GR/SW 8 CD	E.18
1568251529	CLJ C 1-3 GE/SW 9 CD	E.18
1568251530	CLJ C 1-3 WS/SW 9 CD	E.18
1568251637	CLJ C 1-3 GE/SW 0 CD	E.19
1568251639	CLJ C 1-3 GE/SW B CD	E.19
1568251641	CLJ C 1-3 GE/SW C CD	E.19
1568251643	CLJ C 1-3 GE/SW D CD	E.19
1568251645	CLJ C 1-3 GE/SW E CD	E.19
1568251647	CLJ C 1-3 GE/SW F CD	E.19
1568251649	CLJ C 1-3 GE/SW G CD	E.19
1568251651	CLJ C 1-3 GE/SW H CD	E.19
1568251653	CLJ C 1-3 GE/SW I CD	E.19
1568251655	CLJ C 1-3 GE/SW J CD	E.19
1568251657	CLJ C 1-3 GE/SW K CD	E.19
1568251659	CLJ C 1-3 GE/SW L CD	E.19
1568251661	CLJ C 1-3 GE/SW M CD	E.19
1568251663	CLJ C 1-3 GE/SW N CD	E.19
1568251664	CLJ C 1-3 BL/WS N CD	E.20
1568251665	CLJ C 1-3 GE/SW 0 CD	E.19
1568251667	CLJ C 1-3 GE/SW P CD	E.19
1568251669	CLJ C 1-3 GE/SW Q CD	E.19
1568251671	CLJ C 1-3 GE/SW R CD	E.19
1568251673	CLJ C 1-3 GE/SW S CD	E.19
1568251676	CLJ C 1-3 GE/SW T CD	E.19
1568251679	CLJ C 1-3 GE/SW U CD	E.19
1568251681	CLJ C 1-3 GE/SW V CD	E.19
1568251683	CLJ C 1-3 GE/SW W CD	E.19
1568251686	CLJ C 1-3 RT NE CD	E.8
1568251687	CLJ C 1-3 GE/SW X CD	E.19
1568251688	CLJ C 1-3 GN NE CD	E.8
1568251691	CLJ C 1-3 GR NE CD	E.8
1568251693	CLJ C 1-3 BL NE CD	E.8
1568251694	CLJ C 1-3 SW NE CD	E.8
1568251696	CLJ C 1-3 GE/SW Y CD	E.19
1568251698	CLJ C 1-3 GE/SW Z CD	E.19
1568251699	CLJ C 1-3 GE NE CD	E.8
1568251735	CLJ C 1-3 GE/SW 0 CD	E.20
1568251736	CLJ C 1-3 GE/SW 1 CD	E.20
1568251737	CLJ C 1-3 RT/WS + CD	E.20
1568251738	CLJ C 1-3 GE/SW + CD	E.20
1568251740	CLJ C 1-3 GE/SW - CD	E.20
1568251741	CLJ C 1-3 BL/WS - CD	E.20
1568251742	CLJ C 1-3 GE/SW / CD	E.20
1568251746	CLJ C 1-3 GE/SW ET CD	E.20
1568251747	CLJ C 1-3 GE/SW PET CD	E.20
1568251748	CLJ C 1-3 GE/SW - CD	E.20
1568251748	CLJ C 1-3 GE/SW - CD	E.20
1568251750	CLJ C 1-3 GE/SW : CD	E.20
1568251797	CLJ C 1-3 GE/SW 0 CD	E.20
1568251799	CLJ C 1-3 GE/SW A CD	E.20
1568259999	CLJ C 1-3 SDR CD	E.9
1568261502	CLJ C 2-4 GE/SW 0 CD	E.25
1568261503	CLJ C 2-4 SW/WS 0 CD	E.25
1568261505	CLJ C 2-4 GE/SW 1 CD	E.25
1568261506	CLJ C 2-4 BR/WS 1 CD	E.25
1568261508	CLJ C 2-4 GE/SW 2 CD	E.25
1568261509	CLJ C 2-4 RT/WS 2 CD	E.25
1568261511	CLJ C 2-4 GE/SW 3 CD	E.25

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1568261512	CLJ C 2-4 OR/SW 3 CD	E.25
1568261514	CLJ C 2-4 GE/SW 4 CD	E.25
1568261517	CLJ C 2-4 GE/SW 5 CD	E.25
1568261518	CLJ C 2-4 GN/WS 5 CD	E.25
1568261520	CLJ C 2-4 GE/SW 6 CD	E.25
1568261521	CLJ C 2-4 BL/WS 6 CD	E.25
1568261523	CLJ C 2-4 GE/SW 7 CD	E.25
1568261524	CLJ C 2-4 VI/WS 7 CD	E.25
1568261526	CLJ C 2-4 GE/SW 8 CD	E.25
1568261527	CLJ C 2-4 GR/SW 8 CD	E.25
1568261529	CLJ C 2-4 GE/SW 9 CD	E.25
1568261530	CLJ C 2-4 WS/SW 9 CD	E.25
1568261637	CLJ C 2-4 GE/SW A CD	E.26
1568261639	CLJ C 2-4 GE/SW B CD	E.26
1568261641	CLJ C 2-4 GE/SW C CD	E.26
1568261643	CLJ C 2-4 GE/SW D CD	E.26
1568261645	CLJ C 2-4 GE/SW E CD	E.26
1568261647	CLJ C 2-4 GE/SW F CD	E.26
1568261649	CLJ C 2-4 GE/SW G CD	E.26
1568261651	CLJ C 2-4 GE/SW H CD	E.26
1568261653	CLJ C 2-4 GE/SW I CD	E.26
1568261655	CLJ C 2-4 GE/SW J CD	E.26
1568261657	CLJ C 2-4 GE/SW K CD	E.26
1568261659	CLJ C 2-4 GE/SW L CD	E.26
1568261661	CLJ C 2-4 GE/SW M CD	E.26
1568261663	CLJ C 2-4 GE/SW N CD	E.26
1568261665	CLJ C 2-4 GE/SW O CD	E.26
1568261667	CLJ C 2-4 GE/SW P CD	E.26
1568261669	CLJ C 2-4 GE/SW Q CD	E.26
1568261671	CLJ C 2-4 GE/SW R CD	E.26
1568261673	CLJ C 2-4 GE/SW S CD	E.26
1568261676	CLJ C 2-4 GE/SW T CD	E.26
1568261679	CLJ C 2-4 GE/SW U CD	E.26
1568261681	CLJ C 2-4 GE/SW V CD	E.26
1568261683	CLJ C 2-4 GE/SW W CD	E.26
1568261687	CLJ C 2-4 GE/SW X CD	E.26
1568261696	CLJ C 2-4 GE/SW Y CD	E.26
1568261698	CLJ C 2-4 GE/SW Z CD	E.26
1568261735	CLJ C 2-4 GE/SW A CD	E.26
1568261737	CLJ C 2-4 RT/WS + CD	E.26
1568261738	CLJ C 2-4 GE/SW + CD	E.26
1568261740	CLJ C 2-4 GE/SW - CD	E.26
1568261741	CLJ C 2-4 BL/WS - CD	E.26
1568261742	CLJ C 2-4 GE/SW / CD	E.26
1568261746	CLJ C 2-4 GE/SW ET CD	E.26
1568261748	CLJ C 2-4 GE/SW - CD	E.26
1568261750	CLJ C 2-4 GE/WS - CD	E.26
1568261751	CLJ C 2-4 GE/SW - CD	E.26
1568261752	CLJ C 2-4 GE/SW ACCD	E.26
1568269999	CLJ C 2-4 SDR CD	E.10
1568300001	CLJ M 2-4 GE NE CD	E.43
1568300002	CLJ M 2-4 WS/SW 2 CD	E.47
1568300003	CLJ M 2-4 WS/SW 3 CD	E.47
1568300004	CLJ M 2-4 WS/SW 4 CD	E.47
1568300005	CLJ M 2-4 WS/SW 5 CD	E.47
1568300006	CLJ M 2-4 WS/SW 6 CD	E.47
1568300007	CLJ M 2-4 WS/SW 7 CD	E.47
1568300008	CLJ M 2-4 WS/SW 8 CD	E.47
1568301000	CLJ M 2-4 WS/SW 0 CD	E.47
1568301502	CLJ M 2-4 GE/SW 0 CD	E.47
1568301503	CLJ M 2-4 SW/WS 0 CD	E.46
1568301505	CLJ M 2-4 GE/SW 1 CD	E.47
1568301506	CLJ M 2-4 BR/WS 1 CD	E.46
1568301508	CLJ M 2-4 GE/SW 2 CD	E.47
1568301509	CLJ M 2-4 RT/WS 2 CD	E.46
1568301511	CLJ M 2-4 GE/SW 3 CD	E.47
1568301512	CLJ M 2-4 OR/SW 3 CD	E.46
1568301514	CLJ M 2-4 GE/SW 4 CD	E.46
1568301514	CLJ M 2-4 GE/SW 4 CD	E.47
1568301517	CLJ M 2-4 GE/SW 5 CD	E.46
1568301518	CLJ M 2-4 GN/WS 5 CD	E.46
1568301520	CLJ M 2-4 GE/SW 6 CD	E.47
1568301521	CLJ M 2-4 BL/WS 6 CD	E.46
1568301523	CLJ M 2-4 GE/SW 7 CD	E.47
1568301524	CLJ M 2-4 VI/WS 7 CD	E.46
1568301526	CLJ M 2-4 GE/SW 8 CD	E.47
1568301527	CLJ M 2-4 GR/SW 8 CD	E.46
1568301529	CLJ M 2-4 GE/SW 9 CD	E.47
1568301530	CLJ M 2-4 WS/SW 9 CD	E.46
1568301530	CLJ M 2-4 WS/SW 9 CD	E.47
1568301637	CLJ M 2-4 GE/SW A CD	E.47
1568301639	CLJ M 2-4 GE/SW B CD	E.47
1568301641	CLJ M 2-4 GE/SW C CD	E.47
1568301643	CLJ M 2-4 GE/SW D CD	E.47
1568301645	CLJ M 2-4 GE/SW E CD	E.47
1568301647	CLJ M 2-4 GE/SW F CD	E.47
1568301649	CLJ M 2-4 GE/SW G CD	E.47
1568301651	CLJ M 2-4 GE/SW H CD	E.47
1568301653	CLJ M 2-4 GE/SW I CD	E.47
1568301655	CLJ M 2-4 GE/SW J CD	E.47
1568301657	CLJ M 2-4 GE/SW K CD	E.47
1568301659	CLJ M 2-4 GE/SW L CD	E.47
1568301661	CLJ M 2-4 GE/SW M CD	E.47
1568301663	CLJ M 2-4 GE/SW N CD	E.47
1568301665	CLJ M 2-4 GE/SW O CD	E.47
1568301667	CLJ M 2-4 GE/SW P CD	E.47
1568301669	CLJ M 2-4 GE/SW Q CD	E.47
1568301671	CLJ M 2-4 GE/SW R CD	E.47
1568301673	CLJ M 2-4 GE/SW S CD	E.47

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1630150001	KSW 4 16/3,5 1-16	E.59
1630160001	KSW 4 16/5,08 1-16	E.59
1630160017	KSW 4 16/5,08 17-32	E.59
1630180001	KSW 4 24/5,08 1-24	E.59
1630200001	KSW 4 8/5,08 1-8	E.59
1631350000	ESD 5 DIN A4 GE	F.7
1631350000	ESD 5 DIN A4 GE	F.18
1631640001	CC-H 85/54 SW	C.149
1631640002	CC-H 85/54 GR	C.149
1631640003	CC-H 85/54 BG	C.149
1631910000	WK M 8/30	C.81
1631910000	WK M 8/30	C.97
1631910000	WK M 8/30	F.17
1631920000	ESD 5 S DIN A4 WS	F.7
1631920000	ESD 5 S DIN A4 WS	F.13
1631930000	SCHT 5 S	C.81
1631930000	SCHT 5 S	F.7
1631940000	STR 5 S F.SCHT 5 S	F.7
1634780000	ESO 7 DIN A4 GE	F.4
1634780000	ESO 7 DIN A4 GE	F.5
1634780000	ESO 7 DIN A4 GE	F.8
1634780000	ESO 7 DIN A4 GE	F.17
1634790000	CLJ M 2-400 SDR SG	E.43
1635000000	WS 10/5 MC NE WS	C.33
1635010000	WS 10/5 MC SDR	C.33
1636530000	ZGB 15	F.4

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1640740000	WS 8/5 MC NE WS	C.32
1640740000	WS 8/5 MC NE WS	F.22
1640750000	WS 8/5 MC SDR	C.32
1646630000	ZS 15/5 MC NE WS	C.45
1646640000	ZS 15/5 MC SDR	C.45

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1652220000	ESG 8/19 MC NE WS	C.120
1652230000	ESG 8/19 MC SDR	C.120
1652250001	KSW 2,5 24/3,5 1-24	E.59

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1670370000	ESD 5 P DIN A4 WS	F.7
1670370000	ESD 5 P DIN A4 WS	F.18
1670380000	ESD 5 P DIN A4 GE	F.7
1670380000	ESD 5 P DIN A4 GE	F.18
1670390000	ESD 7 P DIN A4 WS	F.4
1670390000	ESD 7 P DIN A4 WS	F.5
1670390000	ESD 7 P DIN A4 WS	F.8
1670390000	ESD 7 P DIN A4 WS	F.17
1670400000	ESD 7 P DIN A4 GE	F.17
1670400000	ESG 8/17 MC NE WS	C.116
1670450000	ESG 8/17 MC SDR	C.116
1674760000	ESG 9/17 K MC NE WS	C.122
1674760000	ESG 9/17 K MC NE WS	F.13
1674770000	ESG 9/17 K MC SDR	C.122
1675130001	CC-H 85/27 SW	C.148
1675130002	CC-H 85/27 GR	C.148
1677140000	MF 8/5 MC NE WS	C.52
1677150000	MF 8/5 MC SDR	C.52
1677160000	MF 10/5 MC NE WS	C.52
1677170000	MF 10/5 MC SDR	C.52
1677180000	MF 12/5 MC NE WS	C.53
1677190000	MF 12/5 MC SDR	C.53
1677220000	MF 10/6 MC NE WS	C.55
1677230000	MF 10/6 MC SDR	C.55

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1680411044	TMH 20 MC NE WS	C.95
1680411044	TMH 20 MC NE WS	F.12
1680411044	TMH 20 MC NE WS	F.14
1680411686	TMH 20 MC NE RT	C.95
1680411687	TMH 20 MC NE GE	C.95
1680411693	TMH 20 MC NE BL	C.95
1680420000	TMH 20 MC SDR	C.95
1686110000	TABPACK 14X9	E.57
1686120000	TABPACK 15X6	E.57
1686130000	TABPACK 19X11 M. RAND	E.57
1686140000	TABPACK 21X8	E.57
1686160000	PAGETAB 15/9	E.56
1686170000	PAGETAB 19/11	E.56
1686180000	PAGETAB 20/8	E.56
1686190000	PAGETAB 28/11	E.56
1686200000	PAGETAB 38/11	E.56
1686210000	PAGETAB 56/22	E.56
1686220000	PAGETAB 60/35	E.56
1686360001	LM MT300 15/6 SI	D.56
1686361044	LM MT300 15/6 WS	D.56
1686361687	LM MT300 15/6 GE	D.56
1686380001	LM MT300 20/8 SI	D.56
1686381044	LM MT300 20/8 WS	D.56
1686381687	LM MT300 20/8 GE	D.56
1686390001	LM MT300 25.4/12.7 SI	D.56
1686391044	LM MT300 25.4/12.7 WS	D.56

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1686391687	LM MT300 25.4/12.7 GE	D.56
1686400001	LM MT300 26/10 SI	D.56
1686401044	LM MT300 26/10 WS	D.56
1686401687	LM MT300 26/10 GE	D.56
1686420001	LM MT300 56/22 SI	D.56
1686421044	LM MT300 56/22 WS	D.56
1686421687	LM MT300 56/22 GE	D.56
1686430001	LM MT300 60/36 SI	D.56
1686431044	LM MT300 60/36 WS	D.56
1686431687	LM MT300 60/36 GE	D.56
1686440001	LM MT300 210/297 SI	D.56
1686441044	LM MT300 210/297 WS	D.56
1686441687	LM MT300 210/297 GE	D.56
1689490001	VT SFX 14/23 MC NE WS V0	C.91
1689490004	VT SFX 14/23 MC NE GE V0	C.91

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1692270000	MF-WO 12/5 MC NE WS	C.67
1692280000	MF-WO 12/5 MC SDR	C.67
1692290000	MF-WO 12/6 MC NE WS	C.68
1692300000	MF-WO 12/6 MC SDR	C.68
1695711044	LM WO 18/34 WS	D.31
1695711687	LM WO 18/34 GE	D.31
1695721044	LM WO 23/55 WS	D.31
1695721687	LM WO 23/55 GE	D.31
1695731044	LM WO 25/68 WS	D.31
1695731687	LM WO 25/68 GE	D.31
1695741044	LM WO 36/93 WS	D.31
1695741687	LM WO 36/93 GE	D.31
1697890000	CB 98/2,5 BK	F.24
1697900000	CB 140/3,5 BK	F.24
1697910000	CB 200/4,5 BK	F.24
1697920000	CB 290/4,5 BK	F.24
1697930000	CB 360/4,5 BK	F.24
1697940000	CB 365/7,5 BK	F.24
1697950000	CBH 19/19 BK	F.27
1697960000	CBH 27/27 BK	F.27
1699820000	SM 27/8 MC NE WS	C.135
1699830000	SM 27/8 MC SDR	C.135
1699840000	SM 27/12,5 MC NE WS	C.135
1699850000	SM 27/12,5 SDR	C.135
1699860000	SM 27/18 MC NE WS	C.136
1699870000	SM 27/18 MC SDR	C.136
1699880000	SM 27/12,5 K MC NE WS	C.135
1699890000	SM 27/12,5 K MC SDR	C.135

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1700530001	MARKO-C. 25X25X25 B/DR.	E.56
1700540001	MARKO-C. 50X50X50 B/DR.	E.56
1700550001	MARKO-C. 100X100X100 B/DR	E.56
1700560001	MARKO-C.200X200X200 B/DR	E.56
1705820001	KSW 4 10/5,08 W 1-10	E.59
1707270000	SM 27/18 K MC NE WS	C.136
1707280000	SM 27/18 K MC SDR	C.136
1707350001	SERV-P. DIAM16 L1 SW/WS	E.56
1707350002	SERV-P. DIAM16 L2 SW/WS	E.56
1707350003	SERV-P. DIAM16 L3 SW/WS	E.56
1707350004	SERV-P. DIAM16 L3 BL/WS	E.56
1707350005	SERV-P. DIAM16ERDE GE/GN	E.56
1707350006	SERV-P. DIAM16 PE GE/GN	E.56

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1712491044	LM WO 25/140 WS	D.31
1712491687	LM WO 25/140 GE	D.31
1712500001	WSM 10 I	E.53
1712500002	WSM 10 2	E.53
1712500003	WSM 10 3	E.53
1712500004	WSM 10 4	E.53
1712500005	WSM 10 5	E.53
1712500006	WSM 10 6	E.53
1712500007	WSM 10 7	E.53
1712500008	WSM 10 8	E.53
1712500009	WSM 10 9	E.53
1712501000	WSM 10 0	E.53
1712501637	WSM 10 A	E.53
1712501639	WSM 10 B	E.53
1712501641	WSM 10 C	E.53
1712501643	WSM 10 D	E.53
1712501645	WSM 10 E	E.53
1712501647	WSM 10 F	E.53
1712501649	WSM 10 G	E.53
1712501651	WSM 10 H	E.53
1712501653	WSM 10 I	E.53
1712501655	WSM 10 J	E.53
1712501657	WSM 10 K	E.53
1712501659	WSM 10 L	E.53
1712501661	WSM 10 M	E.53
1712501663	WSM 10 N	E.53
1712501665	WSM 10 O	E.53
1712501667	WSM 10 P	E.53
1712501669	WSM 10 Q	E.53
1712501671	WSM 10 R	E.53
1712501673	WSM 10 S	E.53
1712501676	WSM 10 T	E.53
1712501679	WSM 10 U	E.53
1712501681	WSM 10 V	E.53

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1712501683	WSM 10 W	E.53
1712501687	WSM 10 X	E.53
1712501696	WSM 10 Y	E.53
1712501698	WSM 10 Z	E.53
1712501738	WSM 10 +	E.53
1712501739	WSM 10 /	E.53
1712501740	WSM 10 -	E.53
1712501741	WSM 10 :	E.53
1712501742	WSM 10 –	E.53
1712501743	WSM 10 .	E.53
1713680000	SM 27/8 MC NE SI	C.135
1713700000	SM 27/12,5 MC NE SI	C.135
1713720000	SM 27/12,5 K MC NE SI	C.135
1713740000	SM 27/18 MC NE SI	C.136
1713760000	SM 27/18 K MC NE SI	C.136
1716630000	SM-H 27/18 SW	C.136
1716640000	SM-H 27/12,5 SW	C.135
1716800000	MF-WO 5/5 MC NE WS	C.66
1716810000	MF-WO 5/5 MC SDR	C.66
1716820000	MF-WO 9/6 MC NE WS	C.67
1716830000	MF-WO 9/6 MC SDR	C.67
1716840000	MF-WO 9/5 MC NE WS	C.66
1716850000	MF-WO 9/5 MC SDR	C.66
1718411044	TMH 12 MC NE WS	C.95
1718411044	TMH 12 MC NE WS	F.11
1718411044	TMH 12 MC NE WS	F.12
1718411044	TMH 12 MC NE WS	F.14
1718411686	TMH 12 MC NE RT	C.95
1718411687	TMH 12 MC NE GE	C.95
1718411693	TMH 12 MC NE BL	C.95
1718420000	TMH 12 MC SDR	C.95
1718431044	TMH 18 MC NE WS	C.95
1718431044	TMH 18 MC NE WS	F.11
1718431044	TMH 18 MC NE WS	F.12
1718431044	TMH 18 MC NE WS	F.13
1718431044	TMH 18 MC NE WS	F.14
1718431686	TMH 18 MC NE RT	C.95
1718431687	TMH 18 MC NE GE	C.95
1718431687	TMH 18 MC NE GE	C.95
1718431693	TMH 18 MC NE BL	C.95
1718440000	TMH 18 MC SDR	C.95
1719760000	TM 0/12 HF/HB	F.11
1719770000	TM 0/18 HF/HB	F.11
1719780000	TM 1/12 HF/HB	F.11
1719790000	TM 1/18 HF/HB	F.11
1719800000	TM 2/12 HF/HB	F.11
1719810000	TM 2/18 HF/HB	F.11
1719820000	TM 3/12 HF/HB	F.11
1719830000	TM 3/18 HF/HB	F.11
1719840000	TM 4/12 HF/HB	F.11
1719850000	TM 4/18 HF/HB	F.11
1719860000	TM 5/12 HF/HB	F.11
1719870000	TM 5/18 HF/HB	F.11
1719880000	TM 6/12 HF/HB	F.11
1719890000	TM 6/18 HF/HB	F.11

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1720570000	ETO SM 27/8	C.135
1720580000	ETO SM 27/12,5	C.135
1720590002	ETO SM 27/18 TRANSPAR.	C.136
1720600000	SCHS2 K	C.118
1720600000	SCHS2 K	F.22
1720610000	ESG 8/17 SCHS MC NE WS	C.118
1720610000	ESG 8/17 SCHS MC NE WS	F.22
1720620000	DEK 5/7,5 MC NE WS	C.27
1720630000	CB 200/3,5 NC	F.24
1720640000	CB 290/3,5 NC	F.24
1720650000	CB 290/3,5 BK	F.24
1720660000	CB 200/3,5 BK	F.24
1720670000	CB 750/7,5 BK	F.24
1720680000	CB 750/7,5 NC	F.24
1723540000	CB 160/4,5 NC	F.24
1723550000	CB 178/4,8 NC	F.24
1723560000	CB 160/4,5 BK	F.24
1723570000	CB 178/4,8 BK	F.24
1724140001	LM MT300 15/4,6 SI	D.56
1724141044	LM MT300 15/4,6 WS	D.56
1724141687	LM MT300 15/4,6 GE	D.56
1724150001	LM MT300 17/9 SI	D.56
1724151044	LM MT300 17/9 WS	D.56
1724151687	LM MT300 17/9 GE	D.56
1724160001	LM MT300 30/20 SI	D.56
1724161044	LM MT300 30/20 WS	D.56
1724161687	LM MT300 30/20 GE	D.56
1724170001	LM MT300 105/148 SI	D.56
1724171044	LM MT300 105/148 WS	D.56
1724180001	LM MT300 210/148 SI	D.56
1724181687	LM MT300 210/148 GE	D.56
1724760000	ESG 9/17 MC NE WS	C.122
1724790000	TMC 9/20	C.125
1724790000	TMC 9/20	F.13
1727740001	VT SFX 9/24 MC NE WS V0	C.91
1727740004	VT SFX 9/24 MC NE GE V0	C.91
1727770001	VT SFX 10/23 MC NE WS V0	C.91
1727770004	VT SFX 10/23 MC NE GE V0	C.91

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1730570000	CLJ M 2-4 GE NE MP	E.43
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1733651502	CLJ M 2-4 GE/SW 0 MP	E.45
1733651503	CLJ M 2-4 SW/WS 0 MP	E.44
1733651505	CLJ M 2-4 GE/SW 1 MP	E.45
1733651506	CLJ M 2-4 BR/WS 1 MP	E.44
1733651508	CLJ M 2-4 GE/SW 2 MP	E.45
1733651509	CLJ M 2-4 RT/WS 2 MP	E.44
1733651511	CLJ M 2-4 GE/SW 3 MP	E.45
1733651512	CLJ M 2-4 OR/SW 3 MP	E.44
1733651514	CLJ M 2-4 GE/SW 4 MP	E.44
1733651514	CLJ M 2-4 GE/SW 4 MP	E.45
1733651517	CLJ M 2-4 GE/SW 5 MP	E.45
1733651518	CLJ M 2-4 GN/WS 5 MP	E.44
1733651520	CLJ M 2-4 GE/SW 6 MP	E.44
1733651521	CLJ M 2-4 BL/WS 6 MP	E.44
1733651523	CLJ M 2-4 GE/SW 7 MP	E.45

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1751820001	THM MT30X 101/48 SI	D.52
1751821044	THM MT30X 101/48 WS	D.52
1751821687	THM MT30X 101/48 GE	D.52
1751830001	THM MT30X 65/35 SI/G	D.52
1751830044	THM MT30X 65/35 WS/G	D.52
1751831044	THM MT30X 65/35 WS	D.52
1751831687	THM MT30X 65/35 GE	D.52
1752720000	SFC 1/12 MC SDR	C.93
1753230001	THM MT30X 15/6 SI	D.51
1753231044	THM MT30X 15/6 WS	D.51
1753231687	THM MT30X 15/6 GE	D.51
1753241044	THM MT30X 20/8 WS	D.51
1753241687	THM MT30X 20/8 GE	D.51
1753250001	THM MT30X 18/9 SI	D.51
1753251044	THM MT30X 18/9 WS	D.51
1753251687	THM MT30X 18/9 GE	D.51
1753260001	THM MT30X 30/20 SI	D.51
1753261044	THM MT30X 30/20 WS	D.51
1753261687	THM MT30X 30/20 GE	D.51
1753270001	THM MT30X 18/6 SI	D.51
1753271044	THM MT30X 18/6 WS	D.51
1753271687	THM MT30X 18/6 GE	D.51
1753460000	SCHS4 K	C.113
1753460000	SCHS4 K	F.23
1753480000	SCHS3 K	C.113
1753480000	SCHS3 K	F.23
1753490000	WKM 8/20	F.17
1753500000	ESG 9/17 K MC NE GE	C.122
1755270000	DEK 5/3,5 MC NE WS	C.23
1755270000	DEK 5/3,5 MC NE WS	F.6
1755340000	ESG 8/17 SYS PRO M WS	C.118
1755350000	ESG 8/17 SYS PRO M SDR	C.118
1758320001	SFC 2/12 MC NE WS	C.93
1758320002	SFC 2/12 MC NE BL	C.93
1758320003	SFC 2/12 MC NE RT	C.93
1758320004	SFC 2/12 MC NE GE	C.93
1759871044	LM WO 15/70 WS	D.31

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1760461044	LM MT300 40/6 WS	D.56
1762300001	DEK 5/3,5 MC FSZ 1-10	E.3
1762320011	DEK 5/3,5 MC FSZ 11-20	E.3
1762320021	DEK 5/3,5 MC FSZ 21-30	E.3
1762320031	DEK 5/3,5 MC FSZ 31-40	E.3
1762320041	DEK 5/3,5 MC FSZ 41-50	E.3
1762320051	DEK 5/3,5 MC FSZ 51-60	E.3
1762320061	DEK 5/3,5 MC FSZ 61-70	E.3
1762320071	DEK 5/3,5 MC FSZ 71-80	E.3
1762320081	DEK 5/3,5 MC FSZ 81-90	E.3
1762320091	DEK 5/3,5 MC FSZ 91-100	E.3
1762320101	DEK 5/3,5 MC FSZ 101-110	E.3
1762320111	DEK 5/3,5 MC FSZ 111-120	E.3
1762320121	DEK 5/3,5 MC FSZ 121-130	E.3
1762960001	THM MT30X 101/74 SI	D.52
1763270000	CUJ TM 10-33	F.13
1763280000	CUJ TM 20-33	F.13
1763290000	CUJ CD-BOX	E.50
1763390000	CUJ TM 20-66	F.13
1763480000	SFC 2/12 MC SDR	C.93
1764050000	CUJ F 2-17,5 WS/GE	F.13
1764060000	CUJ T 02-12	F.12
1764070000	CUJ T 02-15	F.12
1764140000	CUJ T 02-18	F.12
1764150000	CUJ T 02-20	F.12
1764190000	CUJ T 1-12	F.12
1764200000	CUJ T 1-15	F.12
1764210000	CUJ T 1-18	F.12
1764220000	CUJ T 1-20	F.12
1764230000	CUJ T 2-12	F.12
1764240000	CUJ T 2-15	F.12
1764250000	CUJ T 2-18	F.12
1764260000	CUJ T 2-20	F.12
1764270000	CUJ T 3-12	F.12
1764280000	CUJ T 3-15	F.12
1764290000	CUJ T 3-18	F.12
1764300000	CUJ T 3-20	F.12
1766160000	ESG 9/20 MC NE GE	C.124
1766840000	ESG 8/17 SCHS MC SDR	C.118
1766850000	ESG 7/20 SIRIUS MC SDR	C.113
1767730000	DEK 5/3,5 MC SDR	C.23
1768090000	WS 14/5 MC NE WS	C.36
1768380000	LM WO 25,4/57 WS	D.31
1768390000	LM WO 25,4/57 GE	D.31
1768400000	LM WO 25,4/95 WS	D.31
1768430000	LM WO 37/25 GE	D.31

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1770080000	SF-TOOL-SORTIMENT	C.89
1770090000	THM MT30X 26,5/17,5 SI	D.51
1770470000	ESG 8/10 ASI MC SDR	C.114
1770480000	ESG 9/17 MC SDR	C.122
1770490000	DEK 5/7,5 MC SDR	C.27
1770500000	ESG 9/20 O.F MC NE WS	C.125
1770510000	ESG 9/20 O.F MC SDR	C.125
1771930000	SM 27/8 K MC NE SI	C.135
1773220000	SM 27/27 MC NE WS	C.137
1773230000	SM 27/27 MC NE SI	C.137

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1773240000	SM 27/27 MC SDR	C.137
1773521686	WS 8/5 MC NE RT	C.32
1773521687	WS 8/5 MC NE GE	C.32
1773521690	WS 8/5 MC NE BL	C.32
1773521693	WS 8/5 MC NE RT	C.32
1773531686	WS 10/5 MC NE BL	C.33
1773531687	WS 10/5 MC NE GE	C.33
1773531693	WS 10/5 MC NE BL	C.33
1773541686	WS 12/5 MC NE RT	C.35
1773541687	WS 12/5 MC NE GE	C.35
1773541690	WS 12/5 MC NE OR	C.35
1773551686	WS 12/6 MC NE RT	C.39
1773551687	WS 12/6 MC NE GE	C.39
1773551689	WS 12/6 MC NE VI	C.39
1773551690	WS 12/6 MC NE OR	C.39
1773551692	WS 12/6 MC NE BR	C.39
1773551693	WS 12/6 MC NE BL	C.39
1773561686	WS 12/6,5 MC NE RT	C.40
1773561687	WS 12/6,5 MC NE GE	C.40
1773571687	WS 15/5 MC NE GE	C.36
1773880000	LM WO 15/140 WS	D.31
1774340000	THM WO 25/76 GE	D.29
1774350000	THM WO 25/76 WS	D.29
1774380000	THM WO 17,8/34 WS	D.29
1774400000	THM WO 33,5/93,1 WS	D.29
1774410000	THM WO 33,5/93,1 GE	D.29
1774470000	WSM TOOL AUTOMATIK	F.27
1774480000	WSM TOOL MANUELL	F.27
1774490000	WSMH 288MM	E.54
1774500000	WSMH 48MM	E.54
1774510000	WSMH 60MM	E.54
1774520000	WSMH 84MM	E.54
1774530000	WSMH 108MM	E.54
1775910000	ESG 9/10 MC NE WS	C.120
1778170000	THM MT30X 101/150 SI	D.52
1778270000	WS 12/3,5 MC NE WS	C.31
1778270000	WS 12/3,5 MC NE WS	F.6
1778280000	WS 12/3,5 MC SDR	C.31
1779080001	SFC 1/21 MC NE WS	C.93
1779080002	SFC 1/21 MC NE BL	C.93
1779080003	SFC 1/21 MC NE RT	C.93
1779080004	SFC 1/21 MC NE GE	C.93
1779090000	SFC 1/21 MC SDR	C.93

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1782710000	SM-H 27/27 SW	C.137
1782960000	SF-TOOL 2-3	C.89
1782970000	SF-TOOL 1	C.89
1782980000	SF-TOOL 4-5	C.89
1782990000	SM 27/27 K MC NE SI	C.137
1783000000	SM 27/27 K MC NE WS	C.137
1783010000	SM 27/27 K MC SDR	C.137

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1790150000	CC-RAIL 1000	F.21
1790160000	CC-RAIL TRANSPARENT1000	F.21
1790410000	CC-H 15/27	C.143
1790420000	CC-H 15/49	C.145
1790430000	CC-H 15/17	C.143
1792000000	WS 10/5 M MC NE WS	C.34
1792000000	WS 10/5 M MC NE WS	F.6
1792000000	WS 10/5 M MC NE WS	F.8
1792010000	WS 10/5 MC M SDR	C.34
1798470000	TM 203/20 VO	F.13
1798480000	TM 203/18 VO	F.13
1798490000	TM 203/15 VO	F.13
1798510000	TM 203/12 VO	F.13
1798520000	TM 202/20 VO	F.13
1798530000	TM 202/18 VO	F.13
1798540000	TM 202/15 VO	F.13
1798560000	TM 202/12 VO	F.13
1798580000	TM 201/20 VO	F.13
1798600000	TM 201/18 VO	F.13
1798620000	TM 201/15 VO	F.13
1798640000	TM 201/12 VO	F.13
1798650000	TM 200/15 VO	F.13

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1805490000	BZT 1 WS 10/5	F.5
1805720000	SFC 1/30 MC NE BL	C.93
1805730000	SFC 1/30 MC NE GE	C.93
1805740000	SFC 1/30 MC NE RT	C.93
1805750000	SFC 1/30 MC SDR	C.93
1805760000	SFC 1/30 MC NE WS	C.93
1805770000	SFC 2/21 MC NE BL	C.93
1805780000	SFC 2/21 MC NE GE	C.93
1805790000	SFC 2/21 MC NE RT	C.93
1805800000	SFC 2/21 MC SDR	C.93
1805810000	SFC 2/21 MC NE WS	C.93
1805820000	SFC 2/30 MC NE BL	C.93
1805830000	SFC 2/30 MC NE GE	C.93
1805840000	ETO SM 27/27	C.137
1805850000	SFC 2/30 MC NE RT	C.93
1805860000	SFC 2/30 MC NE WS	C.93
1805870000	SFC 2/30 MC NE WS	C.93
1805880000	SNAPMARK I	F.6

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1806120000	EM 8/30	C.97
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1806180000	TM 204/12 VO	F.13
1806190000	TM 205/12 VO	F.13
1806200000	TM 206/12 VO	F.13
1806240000	TM 204/15 VO	F.13
1806250000	TM 205/15 VO	F.13
1806260000	TM 206/15 VO	F.13
1806300000	TM 204/18 VO	F.13
1806310000	TM 205/18 VO	F.13
1806320000	TM 206/18 VO	F.13
1806360000	TM 204/20 VO	F.13
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1806380000	TM 206/20 VO	F.13

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1812630000	SM 27/8 K MC NE WS	C.135
1812660000	KSW 2,5 E1 WS S0M	E.59
1812670000	KSW 4,0 E1 WS S0M	E.59
1813130000	SFC 0/12 MC NE WS	C.93
1813150000	SFC 0/12 MC NE RT	C.93
1813160000	SFC 0/12 MC NE GE	C.93
1813170000	SFC 0/12 MC NE BL	C.93
1813180000	SFC 0/12 MC SDR	C.93
1813190000	SFC 0/21 MC NE WS	C.93
1813200000	SFC 0/21 MC NE RT	C.93
1813210000	SFC 0/21 MC NE GE	C.93
1813220000	SFC 0/21 MC NE BL	C.93
1813230000	SFC 0/21 MC SDR	C.93
1813240000	SFC 0/30 MC NE WS	C.93
1813250000	SFC 0/30 MC NE RT	C.93
1813260000	SFC 0/30 MC NE GE	C.93
1813270000	SFC 0/30 MC NE BL	C.93
1813280000	SFC 0/30 MC SDR	C.93
1816240000	MF-W 5/5 MINI MC NE WS	C.65
1816250000	MF 5/5 MC NE WS	C.51
1816260000	MF 5/6 MC NE WS	C.55
1816270000	MF-W 9/5 MC NE WS	C.62
1816280000	MF-W 9/5F MC NE WS	C.62
1816290000	MF-W 9/6 MC NE WS	C.64
1816310000	MF-W 5/5 MINI MC SDR	C.65
1816320000	MF 5/5 MC SDR	C.51
1816330000	MF 5/6 MC SDR	C.55
1816340000	MF-W 9/5 MC SDR	C.62
1816350000	MF-W 9/5F MC SDR	C.62
1816360000	MF-W 9/6 MC SDR	C.64
1818400000	WS 10/6 MC M SDR	C.38
1818410000	WS 10/6 MC M SDR	C.38

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1828450000	WS 10/6 MC NE WS	C.37
1828460000	WS 10/6 MC SDR	C.37

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1835820000	LM MT300 17/6 GE	D.56
1835830000	LM MT300 19/6,3 GE	D.56

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1852360000	SFX 10/23 MC NE GE V2	C.91
1852370000	SFX 10/23 MC NE RT V2	C.91
1852380000	SFX 10/23 MC SDR V2	C.91
1852390000	SFX 10/23 MC NE WS V2	C.91
1852400000	SFX 10/23 MC NE BL V2	C.91
1852410000	SFX 14/23 MC NE GE V2	C.91
1852420000	SFX 14/23 MC NE RT V2	C.91
1852430000	SFX 14/23 MC SDR V2	C.91
1852440000	SFX 14/23 MC NE WS V2	C.91
1852450000	SFX 14/23 MC NE BL V2	C.91
1852460000	SFX 9/24 MC NE GE V2	C.91
1852470000	SFX 9/24 MC NE RT V2	C.91
1852480000	SFX 9/24 MC SDR V2	C.91
1852490000	SFX 9/24 MC NE WS V2	C.91
1852500000	SFX 9/24 MC NE BL V2	C.91
1852520000	THM MT30X 16/7 GE	D.51
1852540000	THM MT30X 57/27 SI	D.51
1852980000	WS 14/5 MC SDR	C.36
1854090000	WS 10/15 MC NE WS	C.43
1854100000	WS 10/15 MC SDR	C.43
1854490000	DEK 5/5 PLUS MC NE WS	C.24
1854500000	DEK 5/5 PLUS MC SDR	C.24
1854510000	MF 10/5 CABUR MC NE WS	C.53
1854520000	MF 12/5 CABUR MC NE WS	C.54
1856630000	THM WO 12/18 GE	D.29
1856640000	THM WO 12/18 WS	D.29
1856650000	THM MT30X 17/9 GE	D.51
1856700000	ESG 10/17 MC NE WS	C.126
1856710000	ESG 10/17 MC SDR	C.126
1856720000	ESG 9/20 UNI MC NE WS	C.125
1856730000	ESG 9/20 UNI MC SDR	C.125
1856740000	DEK 5/8 MC NE WS	C.28
1856750000	DEK 5/8 MC SDR	C.28
1856760000	MF 10/10 MC NE WS	C.57
1856770000	MF 10/10 MC SDR	C.57
1856780000	MFF 10/6 MC NE WS	C.59

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1857440000	ESG 9/11 K MC NE WS	C.121
1857450000	ESG 9/11 K MC SDR	C.121
1859410000	CBFP 43.5/10 BK	F.27

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1876390000	TMH 30 MC NE WS	C.95
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1876390000	TMH 30 MC NE WS	F.14
1876400000	TMH 30 MC NE BL	C.95
1876570000	CC 15/17 MC NE WS	C.143
1876570000	CC 15/17 MC NE WS	F.21
1876580000	CC 15/17 K MC NE SI	C.143
1876590000	CC 15/17 K MC NE WS	C.143
1876600000	CC 15/17 K MC SDR	C.143
1876610000	CC 15/17 MC NE SI	C.143
1876620000	CC 15/17 MC SDR	C.143
1876630000	CC 15/27 MC SDR	C.143
1876640000	CC 15/27 K MC NE WS	C.143
1876750000	CC 15/27 K MC SDR	C.143
1876760000	CC 15/27 MC NE SI	C.143
1876770000	CC 15/27 MC NE WS	C.143
1876770000	CC 15/27 MC NE WS	F.21
1876780000	CC 15/27 K MC NE SI	C.143
1877220000	CC 15/49 MC SDR	C.145
1877220000	CC 15/49 K MC NE WS	C.145
1877230000	CC 15/49 K MC SDR	C.145
1877240000	CC 15/49 MC NE SI	C.145
1877260000	CC 15/49 MC NE WS	C.145
1877260000	CC 15/49 MC NE WS	F.21
1877270000	CC 15/49 K MC NE SI	C.145
1877300000	CC 15/60 MC SDR	C.146
1877310000	CC 15/60 K MC NE WS	C.146
1877320000	CC 15/60 K MC SDR	C.146
1877340000	CC 15/60 MC NE SI	C.146
1877350000	CC 15/60 MC NE WS	C.146
1877350000	CC 15/60 MC NE WS	F.21
1877360000	CC 15/60 K MC NE SI	C.146
1877570000	SM 22/22 K MC NE WS	C.134
1877580000	SM 22/22 K MC SDR	C.134
1877590000	SM 22/22 K MC NE SI	C.134
1877660000	MF 5/7,5 MC SDR	C.56
1877670000	MF 5/4 MC SDR	C.50
1877680000	MF 5/7,5 MC NE WS	C.56
1877690000	MF 5/4 MC NE WS	C.50
1877700000	MFF 9/4 MC SDR	C.59
1877710000	MF-W 9/4 MC SDR	C.60
1877720000	MFF 9/4 MC NE WS	C.59
1877730000	MF-W 9/4 MC NE WS	C.60
1878910000	CC-H 15/60	C.146

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1880080000	ESG 6/17 K MC SDR	C.111
1880090000	ESG 6/15 K MC SDR	C.109
1880100000	ESG 6/15 K MC NE WS	C.109
1880110000	ESG 6/17 K MC NE GE	C.111
1880120000	ESG 6/17 K MC NE WS	C.111
1880130000	ESG 6/15 K MC NE GE	C.109
1880720000	ETO SM 22/22 TRANSPAR.	C.134
1880810000	ETO CC 15/27 TRANSPAR.	C.143
1880830000	ETO CC 15/49 TRANSPAR.	C.145
1880840000	ETO CC 15/60 TRANSPAR.	C.146
1880850000	ETO CC 15/17 TRANSPAR.	C.143
1881280000	ESG 6/15 RIDER MC NE WS	C.110
1881290000	ESG 6/15 RIDER MC SDR	C.110
1882890000	LM MT300 15/9 GE	D.56
1882900000	THM WO VIN 49 5/57,1 WS	D.50
1882910000	LM MT300 12/6 GE	D.36
1886270000	MF-SI 8/5 MC SDR	C.69
1886531687	CLJ M 2-250 GE NE SG	E.43
1886541687	CLJ M 2-400 GE NE SG	E.43
1888280000	STR CC 15/60 TRANSPARENT	C.146
1888290000	STR CC 15/27 TRANSPARENT	C.143
1888300000	STR CC 15/49 TRANSPARENT	C.145
1888310000	STR CC 15/17 TRANSPARENT	C.143
1888360000	ESG 9/6 MC NE WS	C.126
1889170000	MF-SI 10/5 MC SDR	C.69
1889180000	MF-SI 8/5 MC NE WS	C.69
1889190000	MF-SI 10/5 MC NE WS	C.69
1889230000	MF-SI 8/6 MC SDR	C.70
1889240000	MF-SI 8/6 MC NE WS	C.70
1889250000	MF-SI 10/6 MC SDR	C.70
1889260000	MF-SI 10/6 MC NE WS	C.70
1889550000	CLJ T 3-30	F.12
1889560000	CLJ T 1-30	F.12
1889570000	CLJ T 2-30	F.12
1889580000	CLJ T 02-30	F.12
1889770000	MF-SI 7/5-6,5 MC SDR	C.71
1889780000	MF-SI 7/5-6,5 MC NE WS	C.71
1889790000	MF-SI 10/5-6,5 MC SDR	C.71
1889800000	MF-SI 10/5-6,5 MC NE WS	C.71

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1890460000	ESG 9/20 L MC NE WS	C.124
1890470000	ESG 8/17 L MC NE WS	C.116
1891670000	WSMC 11-15	E.54
1891680000	WSMC 6-10	E.54
1891770000	THM MT30X 25 9/7,1 WS	D.51
1891780000	TM 1/18 TWIN HF/HB	F.11
1891810000	TM 0/18 TWIN HF/HB	F.11
1897570000	ESG 8/11 MC NE WS	C.115
1899230000	CLJ M 2-18 SDR SG	E.43

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1899250000	CLJ M 2-9 SDR CD	E.44
1899260000	CLJ M 2-15 SDR SG	E.43
1899290000	CLJ C 02-9 SDR CD	E.9

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1905490000	M-PRINT PRO	B.4
1905490000	M-PRINT PRO	C.11
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1905950000	WS 10/8 PLUS MC NE WS	C.41
1905970000	WS 10/12 MC NE WS	C.42
1906000000	WS 12/8 PLUS MC NE WS	C.41
1906010000	WS 12/8 PLUS MC SDR	C.41
1906030000	WS 10/8 PLUS MC SDR	C.41
1906060000	WS 10/12 MC SDR	C.42
1906110000	SM 27/18 MC NE RT	C.136
1906120000	SM 27/18 K MC NE RT	C.136
1907520000	DEK 5/5 PLUS MC NE GE	C.24
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1912090000	DEK 5/6 MC NE OR	C.25
1912130000	ESG 8/13,5/43,3 SAI AU	C.115
1912140000	WSMC 16-20	E.54
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1912160000	WSMC 26-30	E.54
1912170000	WSMC 1-5	E.54
1912550000	CLJ C 02-3 SDR SG	E.9
1912650000	CLJ C 1-3 SDR SG	E.10
1912700000	CLJ C 1-6 SDR SG	E.10
1912710000	CLJ C 2-24 SDR SG	E.10
1912720000	CLJ C 2-27 SDR SG	E.10
1912730000	CLJ C 2-30 SDR SG	E.10
1912740000	CLJ C 2-33 SDR SG	E.10
1912750000	CLJ C 2-36 SDR SG	E.10
1912760000	CLJ C 2-39 SDR SG	E.10
1912830000	CLJ M 2-4 SDR SG	E.43
1912840000	CLJ M 2-6 SDR SG	E.43
1912860000	CLJ M 2-24 SDR SG	E.43
1912870000	CLJ M 2-27 SDR SG	E.43
1912880000	CLJ M 2-30 SDR SG	E.43
1912920000	CLJ M 2-33 SDR SG	E.43
1912950000	CLJ M 2-36 SDR SG	E.43
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1915320000	LM MT300 202/12 GE	D.56
1915340000	SM 27/18 K MC NE GE	C.136
1917420000	WS 10/6 MC M NE GN	C.38
1917430000	WS 10/6 MC M NE GE	C.38
1917440000	WS 10/6 MC M NE RT	C.38
1918470000	SF 0/21 MC SDR V2	C.89
1918480000	SF 0/21 MC NE GE V2	C.89
1918490000	SF 0/21 MC NE RT V2	C.89
1918500000	SF 0/21 MC NE WS V2	C.89
1918510000	SF 0/21 MC NE BL V2	C.89
1918530000	SF 00/21 MC SDR V2	C.89
1918560000	SF 00/21 MC NE GE V2	C.89
1918570000	SF 00/21 MC NE RT V2	C.89
1918580000	SF 00/21 MC NE WS V2	C.89
1918590000	SF 00/21 MC NE BL V2	C.89
1918600000	SF 1/21 MC NE RT V2	C.89
1918610000	SF 1/21 MC NE GE V2	C.89
1918620000	SF 1/21 MC NE BL V2	C.89
1918630000	SF 1/21 MC NE WS V2	C.89
1918640000	SF 1/21 MC SDR V2	C.89
1918650000	SF 2/21 MC SDR V2	C.89
1918660000	SF 2/21 MC NE GE V2	C.89
1918670000	SF 2/21 MC NE RT V2	C.89
1918690000	SF 2/21 MC NE WS V2	C.89
1918700000	SF 2/21 MC NE BL V2	C.89
1918800000	SF 3/21 MC SDR V2	C.89
1918890000	SF 3/21 MC NE GE V2	C.89
1918900000	SF 3/21 MC NE RT V2	C.89
1918910000	SF 3/21 MC NE WS V2	C.89
1918920000	SF 3/21 MC NE BL V2	C.89
1918990000	SF 4,5/21 MC SDR V2	C.89
1919000000	SF 4,5/21 MC NE GE V2	C.89
1919010000	SF 4,5/21 MC NE RT V2	C.89
1919020000	SF 4,5/21 MC NE WS V2	C.89
1919030000	SF 4,5/21 MC NE BL V2	C.89
1919050000	SF 4/21 MC SDR V2	C.89
1919060000	SF 4/21 MC NE GE V2	C.89
1919070000	SF 4/21 MC NE RT V2	C.89
1919080000	SF 4/21 MC NE WS V2	C.89
1919090000	SF 4/21 MC NE BL V2	C.89
1919110000	SF 5/21 MC SDR V2	C.89
1919120000	SF 5/21 MC NE GE V2	C.89
1919130000	SF 5/21 MC NE RT V2	C.89
1919140000	SF 5/21 MC NE WS V2	C.89
1919150000	SF 5/21 MC NE BL V2	C.89
1919160000	SF 6/21 MC SDR V2	C.89
1919170000	SF 6/21 MC NE GE V2	C.89
1919180000	SF 6/21 MC NE RT V2	C.89
1919190000	SF 6/21 MC NE WS V2	C.89
1919200000	SF 6/21 MC NE BL V2	C.89
1919210000	SF 0/12 MC NE GE V2	C.89
1919220000	SF 0/12 MC NE BL V2	C.89
1919230000	SF 0/12 MC NE RT V2	C.89

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1919250000	SF 0/12 MC SDR V2	C.89
1919260000	SF 00/12 MC NE GE V2	C.89
1919270000	SF 00/12 MC NE BL V2	C.89
1919280000	SF 00/12 MC NE RT V2	C.89
1919290000	SF 00/12 MC NE WS V2	C.89
1919300000	SF 00/12 MC SDR V2	C.89
1919320000	SF 1/12 MC NE RT V2	C.89
1919340000	SF 1/12 MC NE GE V2	C.89
1919360000	SF 1/12 MC NE BL V2	C.89
1919390000	SF 1/12 MC NE WS V2	C.89
1919420000	SF 1/12 MC SDR V2	C.89
1919460000	SF 2/12 MC NE RT V2	C.89
1919470000	SF 2/12 MC NE GE V2	C.89
1919480000	SF 2/12 MC NE BL V2	C.89
1919490000	SF 2/12 MC NE WS V2	C.89
1919500000	SF 2/12 MC SDR V2	C.89
1919510000	SF 3/12 MC SDR V2	C.89
1919520000	SF 3/12 MC NE GE V2	C.89
1919530000	SF 3/12 MC NE RT V2	C.89
1919540000	SF 3/12 MC NE WS V2	C.89
1919550000	SF 3/12 MC NE BL V2	C.89
1919570000	SF 4/12 MC NE RT V2	C.89
1919580000	SF 4/12 MC NE GE V2	C.89
1919590000	SF 4/12 MC NE BL V2	C.89
1919600000	SF 4/12 MC NE WS V2	C.89
1919610000	SF 4/12 MC SDR V2	C.89
1919620000	SF 5/12 MC NE GE V2	C.89
1919630000	SF 5/12 MC NE BL V2	C.89
1919640000	SF 5/12 MC NE RT V2	C.89
1919650000	SF 5/12 MC NE WS V2	C.89
1919660000	SF 5/12 MC SDR V2	C.89
1919870000	ESO 8/20 P DIN A4 WS	F.17
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1919940000	ESG 5/10 MC NE WS	C.109

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1924260000	MF-W 5/5 MINI MC NE RT	C.65
1924270000	MF-W 5/5 MINI MC NE BL	C.65
1924280000	MF-W 5/5 MINI MC NE GE	C.65
1924290000	MF-W 5/5 MINI MC NE GN	C.65
1924300000	WSM SERVICE BOX KOMP.	E.53
1927510000	WS 12/5 PLUS MC NE WS	C.35
1927520000	WS 12/5 PLUS MC SDR	C.35
1927530000	WS 12/6 PLUS MC NE WS	C.40
1927540000	WS 12/6 PLUS MC SDR	C.40

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1934190000	THM WO 5/1/36 WS	D.29
1934330000	CC 30/60 K MC NE SI	C.147
1934370000	CC 30/60 K MC SDR	C.147
1934390000	CC 30/60 K MC NE WS	C.147
1934400000	CC 30/60 MC NE SI	C.147
1934410000	CC 30/60 MC SDR	C.147
1934420000	CC 30/60 MC NE WS	C.147
1934430000	CC-H 30/60	C.147
1934440000	ETO CC 30/60 TRANSPAR.	C.147
1934450000	STR CC 30/60 TRANSPARENT	C.147

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1950820000	SF-T00L 00-6	C.89
1951870000	WS 8/5 PLUS MC NE WS	C.32
1951880000	WS 8/5 PLUS MC NE WS	C.37
1951920000	DEK 5/30 MC NE WS	F.4
1951920000	DEK 5/30 MC NE WS	F.5
1954050000	MF 5/10 MC NE WS	C.57
1954070000	THM MT30X 8/8 WS	D.51
1957340000	MFF 10/6 MC NE GE	C.59

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1963650000	SFX 11/60 MC NE RT	C.91
1964130000	THM MT30X 15/5,1 GE	D.51
1968130000	THM MT30X 17/9 WS	D.51
1968140000	ESG 9/20 L MC SDR	C.124

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1975160000	LM MT300 105/105 SI	D.56
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1990000000

1991670000	THM ET S7 1500 GE	D.54
1991680000	THM ET S7 1500 TU	D.54

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2003750000	DEK 5/3.5 PLUS MC NE WS	C.23
2003750000	DEK 5/3.5 PLUS MC NE WS	F.6
2003760000	WS 10/3.5 PLUS MC NE WS	C.31
2003770000	WS 10/5 M PLUS MC NE WS	C.34
2003780000	WS 10/6 M PLUS MC NE WS	C.39
2004970000	THM WO 24.5/100 WS	D.29

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2005490000	TMH 20 MM WS	F.12
2005490000	TMH 20 MM WS	F.14
2005500000	CC 15/45 MM WS	D.47
2005510000	TMH 23 MM WS	D.25
2005510000	TMH 23 MM WS	F.14
2005520000	CC 15/45 MM GE	D.47
2005530000	TMH 30 MM WS	D.25
2005530000	TMH 30 MM WS	F.12
2005530000	TMH 30 MM WS	F.14
2005540000	CC 15/45 MM GR	D.47
2005550000	TMH 12 MM GE	D.25
2005570000	CC 15/45 MM SW	D.47
2005580000	TMH 15 MM GE	D.25
2005600000	CC 15/27 MM WS	D.47
2005610000	TMH 18 MM GE	D.25
2005630000	CC 15/27 MM GE	D.47
2005640000	TMH 20 MM GE	D.25
2005660000	CC 15/27 MM GR	D.47
2005670000	TMH 23 MM GE	D.25
2005690000	CC 15/27 MM SW	D.47
2005700000	TMH 30 MM GE	D.25
2005810000	SM 27/18-22 MM GE	D.46
2005840000	SM 27/18-22 MM WS	D.46
2005860000	SM 27/18-22 MM GR	D.46
2005880000	SM 27/18-22 MM SW	D.46
2005900000	SM 27/18-22 MM RT	D.46
2005920000	SM 27/18-22 MM GN	D.46
2006010000	WM 0/21 1.0-2.0 MM WS	D.23
2006030000	WM 1/21 2.0-3.5 MM WS	D.23
2006050000	WM 2/21 3.5-5.0 MM WS	D.23
2006060000	SM DIA 60-22 MM GE	D.47
2006070000	WM 3/21 5.0-8.0 MM WS	D.23
2006080000	SM 36/18-30 MM GE	D.46
2006090000	WM 0/21 1.0-2.0 MM GE	D.46
2006100000	SM 36/18-30 MM WS	D.23
2006110000	WM 1/21 2.0-3.5 MM GE	D.23
2006120000	SM 36/18-30 MM GR	D.46
2006130000	WM 2/21 3.5-5.0 MM GE	D.23
2006140000	SM 36/18-30 MM SW	D.46
2006150000	WM 3/21 5.0-8.0 MM GE	D.23
2006160000	SM 36/18-30 MM RT	D.46
2006170000	WM 0/12 1.0-2.0 MM WS	D.23
2006180000	SM 36/18-30 MM GN	D.46
2006190000	WM 1/12 2.0-3.5 MM WS	D.23
2006200000	SM 18/9.5 MM SW	D.45
2006210000	WM 2/12 3.5-5.0 MM WS	D.23
2006220000	SM 18/9.5 MM WS	D.45
2006230000	WM 3/12 5.0-8.0 MM WS	D.23
2006240000	SM 18/9.5 MM GE	D.45
2006250000	WM 0/12 1.0-2.0 MM GE	D.23
2006260000	SM 18/9.5 MM GR	D.45
2006270000	WM 1/12 2.0-3.5 MM GE	D.23
2006280000	SM 27/18 MM WS	D.45
2006290000	WM 2/12 3.5-5.0 MM GE	D.23
2006300000	SM 27/18 MM GE	D.45
2006310000	WM 3/12 5.0-8.0 MM GE	D.23
2006320000	SM 27/18 MM SW	D.45
2006330000	WM 0/6 1.0-2.0 MM WS	D.23
2006340000	SM 27/18 MM GR	D.45
2006350000	WM 1/6 2.0-3.5 MM WS	D.23
2006360000	SM 27/18 MM RT	D.45
2006370000	WM 2/6 3.5-5.0 MM WS	D.23
2006380000	SM 27/18 MM GN	D.45
2006390000	WM 3/6 5.0-8.0 MM WS	D.23
2006400000	SM 27/8 MM WS	D.45
2006410000	WM 0/6 1.0-2.0 MM GE	D.23
2006420000	SM 27/8 MM GE	D.45
2006430000	WM 1/6 2.0-3.5 MM GE	D.23
2006440000	SM 27/8 MM SW	D.45
2006450000	WM 2/6 3.5-5.0 MM GE	D.23
2006460000	SM 27/8 MM RT	D.45
2006470000	WM 3/6 5.0-8.0 MM GE	D.23
2006480000	SM 27/8 MM GR	D.45
2006490000	SM 27/8 MM GN	D.45
2006500000	SM 27/12.5 MM WS	D.45
2006510000	SM 27/12.5 MM GE	D.45
2006520000	SM 27/12.5 MM GR	D.45
2006530000	SM 27/12.5 MM SW	D.45
2006540000	SM 27/12.5 MM RT	D.45
2006550000	SM 27/12.5 MM GN	D.45
2006560000	EL 12 MM SI 30M	D.49
2006570000	EL 12 MM WS 30M	D.49
2006580000	EL 12 MM GE 30M	D.49
2006590000	EL 15 MM WS 30M	D.49
2006600000	EL 15 MM GE 30M	D.49
2006610000	EL 15 MM SI 30M	D.49
2006620000	EL 27 MM SI 30M	D.49
2006630000	EL 27 MM WS 30M	D.49
2006640000	EL 27 MM GE 30M	D.49
2006650000	EL 38 MM SI 30M	D.49
2006660000	EL 38 MM WS 30M	D.49
2006670000	EL 38 MM GE 30M	D.49
2006680000	EL 60 MM SI 30M	D.49
2006690000	EL 60 MM WS 30M	D.49
2006700000	EL 60 MM GE 30M	D.49
2006710000	EL 100 MM SI 30M	D.49
2006720000	EL 100 MM WS 30M	D.49
2006730000	EL 100 MM GE 30M	D.49
2007100000	DEK 5/3.5 MM WS	D.19

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2007100000	DEK 5/3.5 MM WS	F.6
2007110000	DEK 5/5 MM WS	D.19
2007110000	DEK 5/5 MM WS	F.5
2007120000	DEK 5/6 MM WS	D.19
2007130000	DEK 5/8 MM WS	D.19
2007140000	WS 8/3.5 MM WS	D.19
2007150000	WS 8/5 MM WS	D.19
2007150000	WS 8/5 MM WS	F.22
2007160000	WS 8/6 MM WS	D.19
2007170000	WS 8/8 MM WS	D.19
2007180000	WS 12/3.5 MM WS	D.19
2007180000	WS 12/3.5 MM WS	F.6
2007190000	WS 12/5 MM WS	D.19
2007190000	WS 12/5 MM WS	F.5
2007200000	WS 12/6 MM WS	D.19
2007210000	WS 12/8 MM WS	D.19
2007760000	WS 10/3.5 PLUS MC SDR	C.31
2007770000	WS 10/5 M PLUS MC SDR	C.34
2007780000	WS 10/6 M PLUS MC SDR	C.39
2007790000	DEK 5/3.5 PLUS MC SDR	C.23
2009890000	SFX 10/60 S MC NE WS VO	C.91
2009900000	SFX 10/60 S MC NE GE VO	C.91
2009910000	SFX 9/40 S MC NE WS VO	C.91
2009920000	SFX 9/40 S MC NE GE VO	C.91
2009930000	SFX 9/24 S MC NE WS VO	C.91
2009940000	SFX 9/24 S MC NE GE VO	C.91
2009980000	ELS 6/30 MM WS	D.25
2009980000	ELS 6/30 MM WS	F.4
2009980000	ELS 6/30 MM WS	F.8
2009980000	ELS 6/30 MM WS	F.17

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2010620000	ELS 6/30 MM GE	D.25
2010620000	ELS 6/30 MM GE	F.4
2010620000	ELS 6/30 MM GE	F.17

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2047320000	MF-ABB 12/5 MC NE WS	C.72
2047340000	MF-ABB 12/6 MC NE WS	C.72
2047350000	MF-ABB 12/6 MC NE WS	C.73
2047360000	ESG 15/10 MC NE WS	C.128
2047380000	CC DIA 30 K MC NE WS	C.151
2047390000	CC DIA 30 K MC NE GE	C.151
2047400000	CC DIA 30 K MC NE GR	C.151
2047430000	ESG 9/17.7 K MC NE WS	C.121
2047460000	MF-ABB 12/5 MC SDR	C.72
2047510000	MF-ABB 12/6 MC SDR	C.73
2047520000	MF-ABB 12/8 MC SDR	C.73
2047540000	ESG 15/10 MC SDR	C.128
2047550000	ESG 9/17.7 K MC SDR	C.121
2047560000	CC DIA 30 K MC SDR	C.151

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2068020000	PRIMER CC-M	C.99
2068020000	PRIMER CC-M	C.100
2068020000	PRIMER CC-M	C.153
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2068020000	PRIMER CC-M	C.155
2068020000	PRIMER CC-M	C.156
2068020000	PRIMER CC-M	C.157
2068020000	PRIMER CC-M	C.158
2068020000	PRIMER CC-M	C.159
2068020000	PRIMER CC-M	C.160
2068020000	PRIMER CC-M	C.161
2068020000	PRIMER CC-M	C.162
2068020000	PRIMER CC-M	C.163

2090000000

2093010000	THM ET S7 1500-13 TU	D.54
2093070000	THM ET S7 1500-13 GE	D.54

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2123070000	CC 85/27 K MC NE SI	C.148
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2437470000	HS 0.8-2.4/25 MM W	D.33
2437480000	HS 0.8-2.4/25 MM Y	D.33
2437490000	HS 0.8-2.4/50 MM Y	D.34
2437500000	HS 0.8-2.4/50 MM Y	D.34
2437510000	HS 1.0-3.2/25 MM W	D.33
2437520000	HS 1.0-3.2/25 MM Y	D.33
2437530000	HS 1.0-3.2/50 MM Y	D.34
2437540000	HS 1.0-3.2/50 MM Y	D.34
2437550000	HS 1.6-4.8/25 MM Y	D.33
2437560000	HS 1.6-4.8/25 MM Y	D.33
2437570000	HS 1.6-4.8/50 MM W	D.34
2437580000	HS 1.6-4.8/50 MM Y	D.34
2437590000	HS 12.7-38.1/25 MM W	D.33
2437600000	HS 12.7-38.1/25 MM Y	D.33
2437610000	HS 12.7-38.1/50 MM W	D.34
2437620000	HS 12.7-38.1/50 MM Y	D.34
2437630000	HS 2.1-6.4/25 MM W	D.33
2437640000	HS 2.1-6.4/25 MM Y	D.33

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2437650000	HS 2.1-6.4/50 MM W	D.34
2437660000	HS 2.1-6.4/50 MM Y	D.34
2437670000	HS 3.2-9.5/25 MM W	D.33
2437680000	HS 3.2-9.5/25 MM Y	D.33
2437690000	HS 3.2-9.5/50 MM W	D.34
2437700000	HS 3.2-9.5/50 MM Y	D.34
2437710000	HS 4.2-12.7/25 MM W	D.33
2437720000	HS 4.2-12.7/25 MM Y	D.33
2437730000	HS 4.2-12.7/50 MM W	D.34
2437740000	HS 4.2-12.7/50 MM Y	D.34
2437750000	HS 6.4-19.1/25 MM W	D.33
2437760000	HS 6.4-19.1/25 MM Y	D.33
2437770000	HS 6.4-19.1/50 MM W	D.34
2437780000	HS 6.4-19.1/50 MM Y	D.34
2437790000	HS 8.5-25.4/25 MM W	D.33
2437800000	HS 8.5-25.4/25 MM Y	D.33
2437810000	HS 8.5-25.4/50 MM W	D.34
2437820000	HS 8.5-25.4/50 MM Y	D.34
2437830000	HS-HF 1.2-2.4/25 MM W	D.35
2437840000	HS-HF 1.2-2.4/25 MM Y	D.35
2437850000	HS-HF 1.2-2.4/50 MM W	D.35
2437860000	HS-HF 1.2-2.4/50 MM Y	D.35
2437870000	HS-HF 1.6-3.2/25 MM W	D.35
2437880000	HS-HF 1.6-3.2/25 MM Y	D.35
2437890000	HS-HF 1.6-3.2/50 MM W	D.35
2437900000	HS-HF 1.6-3.2/50 MM Y	D.35
2437910000	HS-HF 12.7-25.4/25 MM W	D.35
2437920000	HS-HF 12.7-25.4/25 MM Y	D.35
2437930000	HS-HF 12.7-25.4/50 MM W	D.35
2437940000	HS-HF 12.7-25.4/50 MM Y	D.35
2437950000	HS-HF 19.5-38.1/25 MM W	D.35
2437960000	HS-HF 19.5-38.1/25 MM Y	D.35
2437970000	HS-HF 19.5-38.1/50 MM W	D.35
2437980000	HS-HF 19.5-38.1/50 MM Y	D.35
2437990000	HS-HF 2.4-4.8/25 MM W	D.35
2438000000	HS-HF 2.4-4.8/25 MM Y	D.35
2438010000	HS-HF 2.4-4.8/50 MM W	D.35
2438020000	HS-HF 2.4-4.8/50 MM Y	D.35
2438040000	HS-HF 3.2-6.4/25 MM W	D.35
2438050000	HS-HF 3.2-6.4/25 MM Y	D.35
2438060000	HS-HF 3.2-6.4/50 MM W	D.35
2438070000	HS-HF 3.2-6.4/50 MM Y	D.35
2438090000	HS-HF 4.8-9.5/25 MM W	D.35
2438100000	HS-HF 4.8-9.5/25 MM Y	D.35
2438110000	HS-HF 4.8-9.5/50 MM W	D.35
2438120000	HS-HF 4.8-9.5/50 MM Y	D.35
2438140000	HS-HF 6.4-12.7/25 MM W	D.35
2438150000	HS-HF 6.4-12.7/25 MM Y	D.35
2438160000	HS-HF 6.4-12.7/50 MM W	D.35
2438170000	HS-HF 6.4-12.7/50 MM Y	D.35
2438190000	HS-HF 9.5-19.1/25 MM W	D.35
2438200000	HS-HF 9.5-19.1/25 MM Y	D.35
2438210000	HS-HF 9.5-19.1/50 MM W	D.35
2438220000	HS-HF 9.5-19.1/50 MM Y	D.35
2438500000	MULTIMARK ROLLER TB	D.5

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2445070000	WAD 12 MC NE WS	C.77
2445080000	WAD 12 MC NE GE	C.77
2445090000	WAD 12 MC 8 GE/SW	C.77
2445100000	WAD 12 MC SDR	C.77
2448860000	DEK-A 5/8 MM WS	D.19
2448880000	RIBBON MM-HS 60/300 SW	D.5
2448880000	RIBBON MM-HS 60/300 SW	D.7
2448880000	RIBBON MM-HS 60/300 SW	D.9
2448880000	RIBBON MM-HS 60/300 SW	D.26
2448880000	RIBBON MM-HS 60/300 SW	D.27
2448880000	RIBBON MM-HS 60/300 SW	D.33
2448880000	RIBBON MM-HS 60/300 SW	D.34
2448880000	RIBBON MM-HS 60/300 SW	D.35
2448880000	RIBBON MM-HS 60/300 SW	D.36
2448920000	WS-A 12/8 MM WS	D.19
2448930000	WS-A 8/8 MM WS	D.19
2449710000	PRINTJET CLEANER	C.11

2450000000

2455620000	THM MT30X 101/74 WS	D.52
2457760000	THM MMP CASE	D.5

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2496840000	SM 18/9.5 MM GR VPE100	D.45
2496850000	SM 18/9.5 MM WS VPE100	D.45
2496860000	SM 27/12.5 MM GR VPE100	D.45
2496870000	SM 27/12.5 MM WS VPE100	D.45
2496880000	SM 27/18 MM GE VPE100	D.45
2496890000	SM 27/18 MM GN VPE100	D.45
2496900000	SM 27/18 MM GR VPE100	D.45
2496910000	SM 27/18 MM RT VPE100	D.45

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2569890000	ESG 7/10 MC NE TU	C.113

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2580920000	ESG 7/10 MC SDR	C.113
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2592960000	PJ ADV TEXTILE COVER	C.11
2599430000	THM MULTIMARK	D.5
2599440000	THM MULTIMARK PLUS	D.7

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2602720000	SFX-DT 9/24 MC NE BL	C.91
2602730000	SFX-DT 11/60 MC NE BL	C.91
2602740000	SFX-DT 10/60 S MC NE BL	C.91

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2619730000	MF 5/5 MM BP WS	D.20
2619740000	MF 5/6 MM BP WS	D.20
2619760000	DEK 5/3.5 MM BP WS	D.19
2619760000	DEK 5/3.5 MM BP WS	F.6
2619770000	DEK 5/5 MM BP WS	D.19
2619780000	DEK 5/6 MM BP WS	D.19
2619790000	DEK 5/8 MM BP WS	D.19
2619800000	WS 8/3.5 MM BP WS	D.19
2619810000	WS 8/5 MM BP WS	D.19
2619820000	WS 8/6 MM BP WS	D.19
2619830000	WS 8/8 MM BP WS	D.19
2619840000	WS 12/3.5 MM BP WS	D.19
2619840000	WS 12/3.5 MM BP WS	F.6
2619850000	WS 12/5 MM BP WS	D.19
2619860000	WS 12/6 MM BP WS	D.19
2619870000	WS 12/8 MM BP WS	D.19
2619890000	WS-A 8/10 MM WS	D.19
2619900000	WS-A 8/12 MM WS	D.19
2619910000	WS-A 8/16 MM WS	D.19
2619920000	DEK 5/7.5 MM WS	D.19
2619930000	WS 12/6.5 MM WS	D.19
2619940000	ESG 6/15 MM WS	D.43
2619950000	ESG 6/15 MM GE	D.43
2619960000	ESG 6/15 MM GR	D.43
2619970000	EL CC-RAIL MM WS 30M	D.49
2619980000	EL CC-RAIL MM GE 30M	D.49
2619990000	ESG-FO 6/17 MM WS	D.43

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2620910000	ESG-FO 6/17 MM SI	D.43
2620920000	ESG-FO 9/17 MM GE	D.43
2620930000	ESG-FO 9/17 MM WS	D.43
2620940000	ESG-FO 9/17 MM SI	D.43
2620950000	ESG-FO 8/20 MM WS	D.43
2620960000	ESG-FO 8/20 MM GE	D.43
2620970000	ESG-FO 8/20 MM SI	D.43
2620980000	ESG-FO 6/15 MM WS	D.43
2620990000	ESG-FO 6/15 MM GE	D.43
2621060000	ESG-FO 6/15 MM SI	D.43
2621070000	SM-FO 27/8 MM WS	D.46
2621080000	SM-FO 27/8 MM GE	D.46
2621090000	SM-FO 27/8 MM SI	D.46
2621100000	SM-FO 27/18 MM WS	D.46
2621110000	SM-FO 27/18 MM GE	D.46
2621120000	SM-FO 27/18 MM SI	D.46
2621130000	SM-FO 27/18-22 MM SI	D.46
2621140000	SM-FO 27/18-22 MM GE	D.46
2621150000	SM-FO 27/18-22 MM WS	D.46
2621160000	SM-FO 18/9.5 MM WS	D.46
2621170000	SM-FO 18/9.5 MM SI	D.46
2621180000	SM-FO DIA 60-22 MM GE	D.47
2621190000	SM-FO 36/18-30 MM WS	D.46
2621200000	SM-FO 36/18-30 MM GE	D.46
2621210000	SM-FO 36/18-30 MM SI	D.46
2621220000	SM-FO 27/12.5 MM WS	D.46
2621230000	SM-FO 27/12.5 MM GE	D.46
2621240000	SM-FO 27/12.5 MM SI	D.46
2621250000	CC-FO 85/54 MM WS	D.48
2621260000	CC-FO 85/54 MM GE	D.48
2621270000	CC-FO 85/54 MM SI	D.48
2621280000	CC-FO 30/60 MM WS	D.48
2621290000	CC-FO 30/60 MM GE	D.48
2621300000	CC-FO 30/60 MM SI	D.48
2621310000	CC-FO 15/60 MM WS	D.48
2621320000	CC-FO 15/60 MM GE	D.48
2621330000	CC-FO 15/60 MM SI	D.48
2621340000	CC-FO 15/45 MM WS	D.48
2621350000	CC-FO 15/45 MM GE	D.48
2621360000	CC-FO 15/45 MM SI	D.48
2621370000	CC-FO 15/27 MM WS	D.48
2621380000	CC-FO 15/27 MM GE	D.48
2621390000	CC-FO 15/27 MM SI	D.48
2621400000	EL 6 MM WS 30M	D.49
2621410000	EL 6 MM GE 30M	D.49

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2621420000	EL 9 MM WS 30M	D.49
2621430000	EL 9 MM GE 30M	D.49
2621440000	SFX-VT 11/60 MM GE	D.26
2621450000	SFX-VT 11/60 MM WS	D.26
2621460000	SFX-VT 9/24 MM GE	D.26
2621470000	SFX-VT 9/24 MM WS	D.26
2621480000	SFX-DT 11/60 MM BL	D.26
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2621500000	THM WO 20/32 WS	D.29
2621510000	THM WO 25/37 WS	D.29
2621520000	THM WO 24/69 WS	D.29
2621530000	THM WO 14/22 WS	D.29
2621550000	THM MT30X 50/18 WS	D.51
2621560000	HS-FR 1.2-2.4/25 MM W	D.36
2621570000	HS-FR 1.2-2.4/25 MM Y	D.36
2621580000	HS-FR 1.6-3.2/25 MM W	D.36
2621590000	HS-FR 1.6-3.2/25 MM Y	D.36
2621600000	HS-FR 2.4-4.8/25 MM W	D.36
2621610000	HS-FR 2.4-4.8/25 MM Y	D.36
2621620000	HS-FR 3.2-6.4/25 MM W	D.36
2621630000	HS-FR 3.2-6.4/25 MM Y	D.36
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Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
32758 Detmold, Germany
T +49 5231 14-0
F +49 5231 14-292083
www.weidmueller.com

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