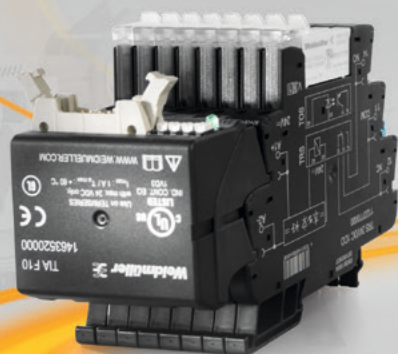


Klippon® Relay

TERMSERIES

The All-rounder

NEW
with lockable
test button



Weidmüller 

TERMSERIES

The all-rounder - modular relay modules

Introduction

TERMSERIES relay modules and solid-state relays are real all-rounders in the extensive Klippon® Relay portfolio. The pluggable modules are available in many variants and can be exchanged quickly and easily – they are ideal for use in modular systems. Their large illuminated ejection lever also serves as a status LED with integrated holder for markers, making maintenance easier. TERMSERIES products are particularly space-saving and are available in widths from 6.4 mm. Besides their versatility, they convince through their extensive accessories and unlimited cross-connection possibilities.

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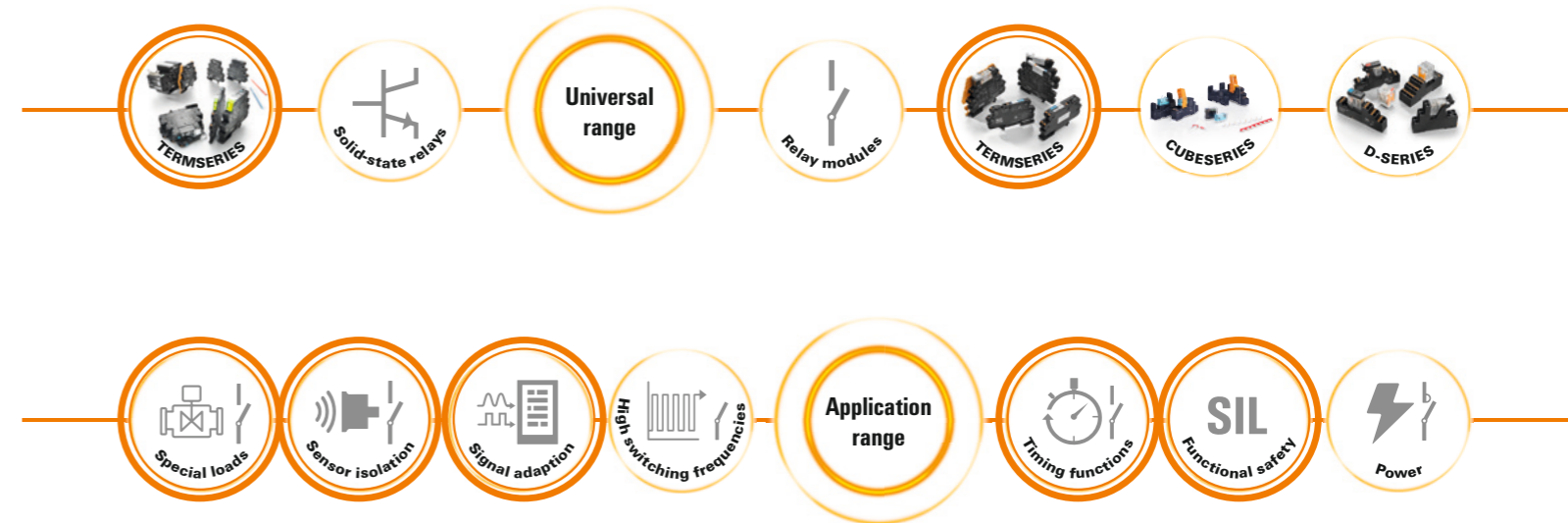
Solutions for more productivity

Highly flexible design processes – with Klippon® Relay

For more than 40 years, we have specialised in the optimisation of cabinet infrastructures. Our wide range of relay modules, solid-state relays and additional value-added services combine the highest standards with ultimate quality. Less wiring effort, housing optimisation through space saving, optimal marking and cost reductions – our customers challenges are our motivation.

Our assortment impresses through reliability, longevity and safety. Supplemented by our digital data support, switching load consulting and online selection guides, we support our customers throughout the entire work process – from the planning phase to installation and operation.

In our universal range, you will find an extensive portfolio of relay modules and solid-state relays in various designs.



In our application range, you will find a tailor-made portfolio of products to increase your productivity and safety for various fields of application.



Visit our website for more information
www.weidmueller.com/klipponrelay

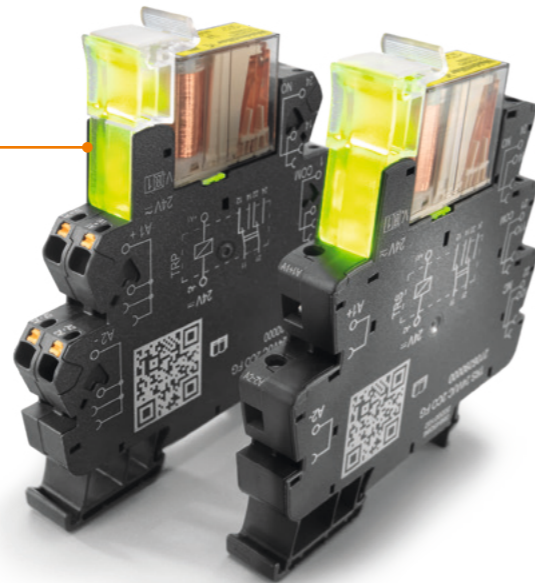
TERMSERIES – The All-rounder

Relay modules and solid-state relays for every application

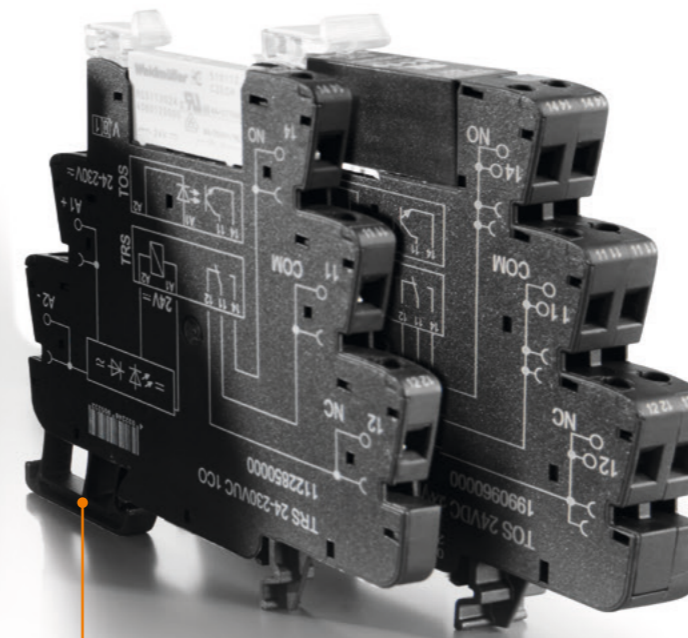
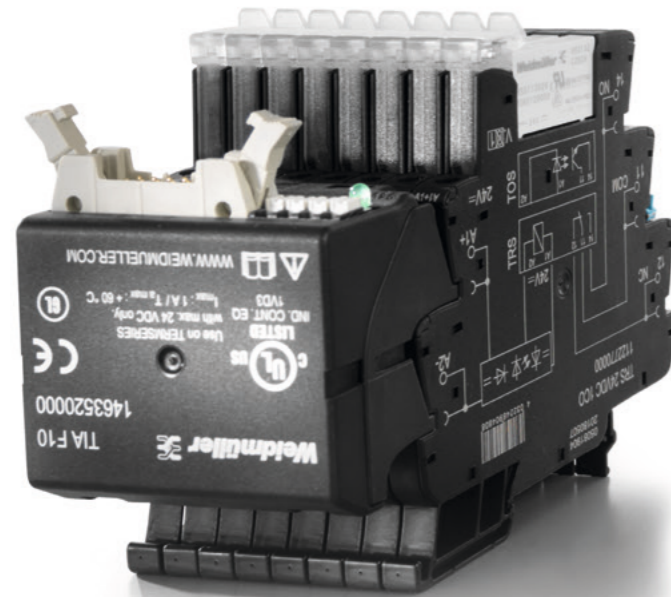


Now available with lockable test button
Facilitate maintenance and commissioning with manual operability

Space-saving design
The slim design result is extremely space saving in the cabinet, thanks to the compact width of 6.4 mm.



Markable ejector lever and LED status indicator
The ejector lever makes it easy to replace the plugged-in relays. This enables the safe removal of the switching element. A clear status display is made via the LED, which illuminates the complete ejector on a large area.



Continuous cross-connectors
Continuous cross-connection channels increase flexibility and reduce the wiring time at every level.

To video
TERMSERIES PUSH IN

Your special advantages:

New

- TERMSERIES with test button**
- Operation is possible purely manually or via on/off signal of the controlling signal source
 - Simple simulation of digital input and output signals during commissioning and maintenance work
 - Available as actuator version, with gold contacts as well as with special multi-voltage input (24-230 V UC)

- PUSH IN**
- Quick and safe connection of all conductor types
 - Coloured pushers prevent incorrect wiring

- New multi-voltage input**
- Combined multi-voltage input from 24 to 230 V AC and DC in only one module
 - Continuous operation at up to 60 °C ambient temperature in dense packing

- Integrated timing functions**
- Timing functions and time ranges are set easily via the DIP switches on the side
 - International standards according to EN 61812

- Forcibly guided contacts**
- Ensure the monitoring of signals for opening failure according to EN 61810-3
 - Ensures a synchronous switching status at both contacts and achieves a diagnostic coverage of 99 %



Visit our website for more information
www.weidmuller.com/term



TERMSERIES relay modules with test button

Facilitate maintenance and commissioning with manual operability

In many situations it is important to perform test processes as quickly and easily as possible. Relay modules from the TERMSERIES are now also available with a test button and offer a high level of practical benefit.

With the manually lockable test button, input or output signals can be simulated easily. In this way, machines and systems can be tested step by step during commissioning and maintenance. The orange test button is immediately recognisable and easy to operate. TERMSERIES relay modules with test button expand our proven TERMSERIES product family. They are compatible with TERMSERIES accessories and can be supplemented with interface adapters, cross-connections, and partition plates.

Your special advantages:

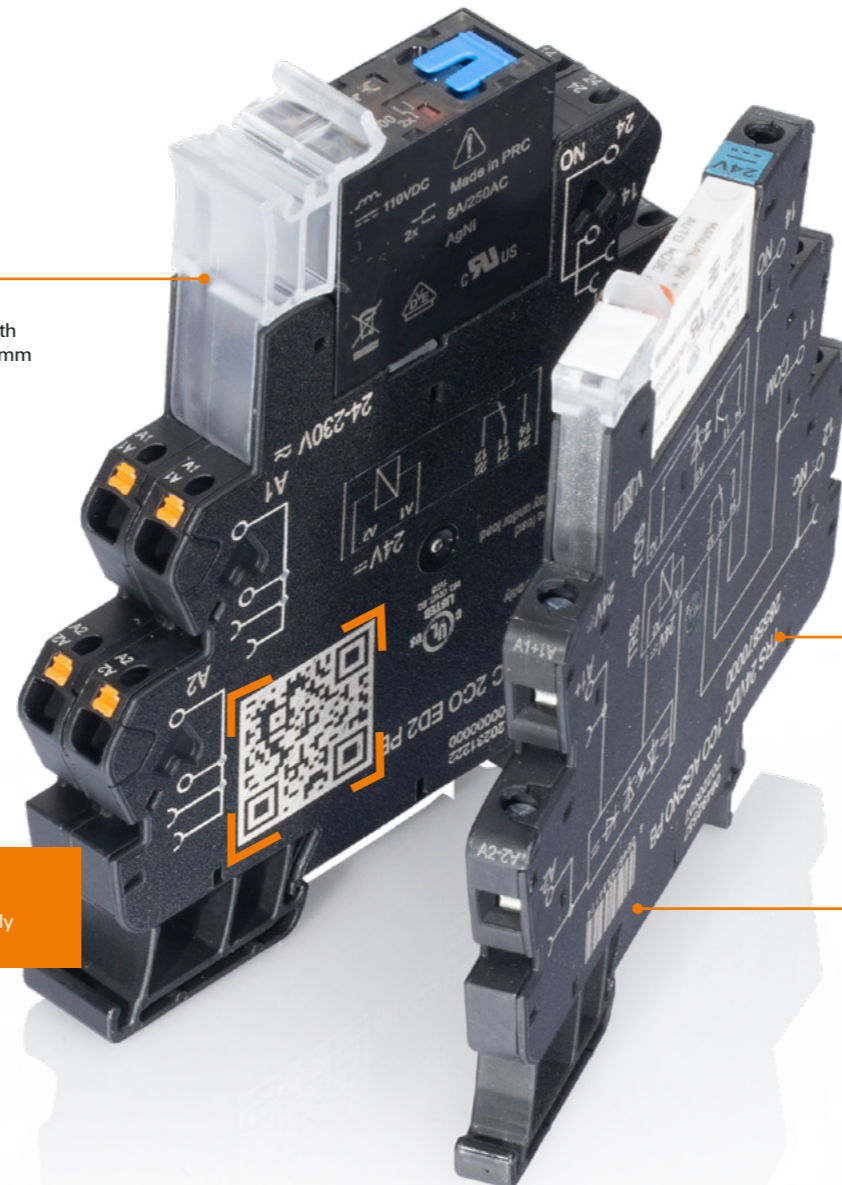
- Operation is possible purely manually or via on/off signal of the controlling signal source
- Simple simulation of digital input and output signals during commissioning and maintenance work
- Available as actuator version, with gold contacts as well as with special multi-voltage input (24-230 V UC)

Two designs

TERMSERIES relay modules with test button are available in 6.4 mm and 12.8 mm versions.



Scan the QR-Code on the TERMSERIES relay and you can access the product directly in our online catalogue.



AVAILABLE WITH LOCKABLE TEST BUTTON

Lockable test button

The test button enables easy simulation of digital input and output signals. For protection against maloperation, it can only be locked with a screw-driver.

Universally applicable

TERMSERIES relay modules with test button are compatible with all accessories of the proven TERMSERIES. This allows high flexibility and easy integration into existing systems.

Supplementary actuator version

In the actuator version, supply and return conductors can be connected directly to the relay module. This eliminates intensive separate wiring and considerably reduces the wiring time.



Visit our website for more information
www.weidmueller.com/termpb

TERMSERIES relay modules with test button

6.4 mm width

Technical data

Input

- Rated control voltage: 24 V DC, 24 V UC, 24-230 V UC

Output

- Contact type: 1 CO contact, 1 NO contact
- Contact material: AgSnO, hard gold plated contacts
- Continuous current: 6 A

General Data

- Lockable test button
- Status displays: LED green
- Dimensions (W x H x D): 6.4 x 90 x 88 mm
- Temperature range: -40 °C to 60 °C
- Version: Relay module
- Connection: PUSH IN/Screw connection



Type	Rated control voltage	Contact type	Contact material	Connection	Qty	Order No.
TRP 24VDC 1CO AGSNO PB	24 V DC	1 CO contact	AgSnO	PUSH IN	10	2855800000
TRP 24VUC 1CO AGSNO PB	24 V UC	1 CO contact	AgSnO	PUSH IN	10	2855810000
TRP 24-230VUC 1CO AGSNO ED2 PB	24 - 230 V UC	1 CO contact	AgSnO	PUSH IN	10	2855910000
TRP 24VDC 1CO AGSNO AU PB	24 V DC	1 CO contact	AgSnO + Au	PUSH IN	10	2855830000
TRP 24VUC 1CO AGSNO AU PB	24 V UC	1 CO contact	AgSnO + Au	PUSH IN	10	2855820000
TRP 24-230VUC 1CO AGSNO AU ED2 PB	24 - 230 V UC	1 CO contact	AgSnO + Au	PUSH IN	10	2855900000
TRP 24VDC ACT PB	24 V DC	1 NO contact	AgSnO	PUSH IN	10	2855840000
TRS 24VDC 1CO AGSNO PB	24 V DC	1 CO contact	AgSnO	Screw connection	10	2855870000
TRS 24VUC 1CO AGSNO PB	24 V UC	1 CO contact	AgSnO	Screw connection	10	2855890000
TRS 24-230VUC 1CO AGSNO ED2 PB	24 - 230 V UC	1 CO contact	AgSnO	Screw connection	10	2855930000
TRS 24VDC 1CO AGSNO AU PB	24 V DC	1 CO contact	AgSnO + Au	Screw connection	10	2855860000
TRS 24VUC 1CO AGSNO AU PB	24 V UC	1 CO contact	AgSnO + Au	Screw connection	10	2855880000
TRS 24-230VUC 1CO AGSNO AU ED2 PB	24 - 230 V UC	1 CO contact	AgSnO + Au	Screw connection	10	2855920000
TRS 24VDC ACT PB	24 V DC	1 NO contact	AgSnO	Screw connection	10	2855850000

TERMSERIES relay modules with test button

12.8 mm width

Technical data

Input

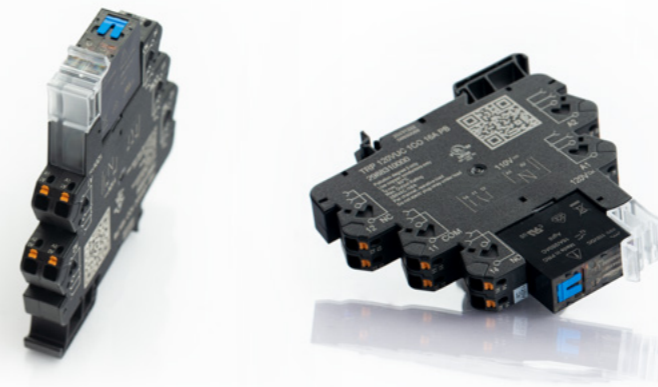
- Rated control voltage: 24 V DC, 24 V UC, 120 V UC, 230 V UC, 24-230 V UC

Output

- Contact type: 1 CO contact, 2 CO contact
- Contact material: AgNi, hard gold plated contacts
- Continuous current: 1 CO: 16 A; 2 CO: 8 A

General Data

- Lockable test button
- Status displays: LED green
- Dimensions (W x H x D): 12,8 x 89,6 x 97,5 mm
- Temperature range: -40 °C to 60 °C
- Version: Relay module
- Connection: PUSH IN/Screw connection



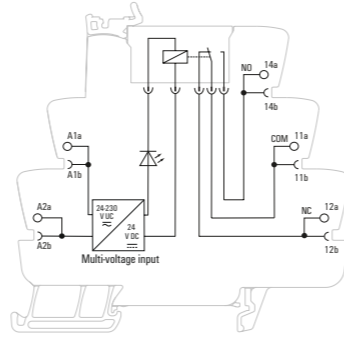
Type	Rated control voltage	Contact type	Contact material	Connection	Qty	Order No.
TRP 24VDC 1CO 16A PB	24 V DC ±20 %	1 CO contact	AgNi	PUSH IN	10	2988280000
TRS 24VUC 1CO 16A PB	24 V UC ±20 %	1 CO contact	AgNi	Screw connection	10	2988390000
TRP 24VUC 1CO 16A PB	24 V UC ±10 %	1 CO contact	AgNi	PUSH IN	10	2988300000
TRS 24VUC 1CO 16A PB	24 V UC ±10 %	1 CO contact	AgNi	Screw connection	10	2988400000
TRP 120VUC 1CO 16A PB	120 V UC ±10 %	1 CO contact	AgNi	PUSH IN	10	2988310000
TRS 120VUC 1CO 16A PB	120 V UC ±10 %	1 CO contact	AgNi	Screw connection	10	2988410000
TRP 230VUC 1CO 16A PB	230 V UC ±5 %	1 CO contact	AgNi	PUSH IN	10	2988320000
TRS 230VUC 1CO 16A PB	230 V UC ±5 %	1 CO contact	AgNi	Screw connection	10	2988420000
TRP 24-230VUC 1CO 16A ED2 PB	24..230 V UC ±10 %	1 CO contact	AgNi	PUSH IN	10	2988330000
TRS 24-230VUC 1CO 16A ED2 PB	24..230 V UC ±10 %	1 CO contact	AgNi	Screw connection	10	2988430000
TRP 24VDC 2CO PB	24 V DC ±20 %	2 CO contact	AgNi	PUSH IN	10	2988340000
TRS 24VDC 2CO PB	24 V DC ±20 %	2 CO contact	AgNi	Screw connection	10	2988440000
TRP 24VUC 2CO PB	24 V UC ±10 %	2 CO contact	AgNi	PUSH IN	10	2988350000
TRS 24VUC 2CO PB	24 V UC ±10 %	2 CO contact	AgNi	Screw connection	10	2988450000
TRP 120VUC 2CO PB	120 V UC ±10 %	2 CO contact	AgNi	PUSH IN	10	2988360000
TRS 120VUC 2CO PB	120 V UC ±10 %	2 CO contact	AgNi	Screw connection	10	2988460000
TRP 230VUC 2CO PB	230 V UC ±5 %	2 CO contact	AgNi	PUSH IN	10	2988370000
TRS 230VUC 2CO PB	230 V UC ±5 %	2 CO contact	AgNi	Screw connection	10	2988470000
TRP 24-230VUC 2CO ED2 PB	24..230 V UC ±10 %	2 CO contact	AgNi	PUSH IN	10	2988380000
TRS 24-230VUC 2CO ED2 PB	24..230 V UC ±10 %	2 CO contact	AgNi	Screw connection	10	2988480000

Unique multi-voltage input

Always optimally adapted to your automation

Relay modules with universal input voltage range for all power systems
Relay modules are used in many industries and applications for isolation and amplification. However, due to the different mains voltages worldwide, cabinet manufacturers must have many different relays for different input voltages in stock.

The unique multi-voltage input of the TERMSERIES significantly reduces the number of required variants. The wide range input voltage between 24 and 230 V UC enables worldwide use in a wide variety of power systems. TERMSERIES relay modules with multi-voltage input can be used in plant construction as well as for retrofit solutions and are always perfectly adapted to the respective automation solution.

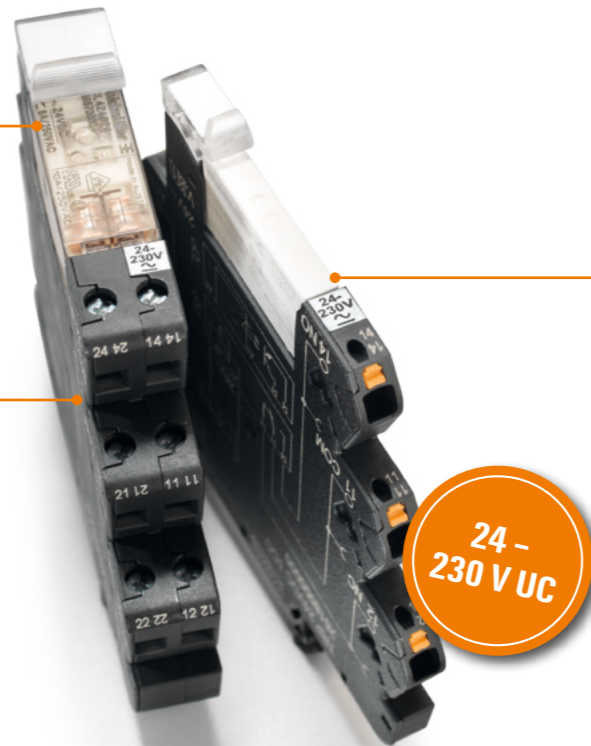


Compact design

Due to their small width, the modules fit on any mounting rail – and provide more space in the control cabinet.

Easy to install

Optional PUSH IN connection technology significantly reduces installation times.



Wide temperature range

TERMSERIES relay modules operate over a wide temperature range and are suitable for continuous operation at ambient temperatures of up to 60 °C.

Your special advantages:

- Combined multi-voltage input from 24 to 230 V AC and DC in only one module
- Available with proven screw connection and convenient PUSH IN connection
- Continuous operation at up to 60 °C ambient temperature in dense packing



Type	Contact version	Rated control voltage	Rated switching voltage	Continuous current	Connection technology	Qts	Order No.
TRP 24-230VUC 1CO ED2	1 CO contact	24 - 230 V UC	250 V AC	6 A	PUSH IN	10	2663010000
TRP 24-230VUC 1CO AU ED2	1 CO contact	24 - 230 V UC	250 V AC	6 A	PUSH IN	10	2663020000
TRP 24-230VUC 1CO AGSNO ED2	1 CO contact	24 - 230 V UC	250 V AC	6 A	PUSH IN	10	2663160000
TRP 24-230VUC 1CO EMPTY ED2	1 CO contact	24 - 230 V UC	250 V AC		PUSH IN	10	2663030000
TRP 24-230VUC 1CO 16A ED2	1 CO contact	24 - 230 V UC	250 V AC	16 A	PUSH IN	10	2663120000
TRP 24-230VUC 1NO HC ED2	1 NO contact	24 - 230 V UC	250 V AC	16 A	PUSH IN	10	2663130000
TRP 24-230VUC 1NO HCP ED2	1 NO contact	24 - 230 V UC	250 V AC	16 A	PUSH IN	10	2663140000
TRP 24-230VUC 2CO ED2	2 CO contact	24 - 230 V UC	250 V AC	8 A	PUSH IN	10	2663040000
TRP 24-230VUC 2CO AU ED2	2 CO contact	24 - 230 V UC	250 V AC	8 A	PUSH IN	10	2663050000
TRP 24-230VUC 2CO EMPTY ED2	2 CO contact	24 - 230 V UC	250 V AC	8 A	PUSH IN	10	2663060000
TOP 24-230VUC 48VDC0,1A ED2	1 NO contact *1	24 - 230 V UC	48 V DC	0,1 A	PUSH IN	10	2663070000
TOP 24-230VUC 24VDC2A ED2	1 NO contact *2	24 - 230 V UC	24 V DC	2 A	PUSH IN	10	2663080000
TOP 24-230VUC 230VAC1A ED2	1 NO contact *3	24 - 230 V UC	230 V AC	1 A	PUSH IN	10	2663090000
TOP 24-230VUC 24VDC3,5A ED2	1 NO contact *2	24 - 230 V UC	24 V DC	3,5 A	PUSH IN	10	2663100000
TOP 24-230VUC 24VDC5A ED2	1 NO contact *2	24 - 230 V UC	24 V DC	5A	PUSH IN	10	2663150000
TOP 24-230VUC EMPTY ED2		24 - 230 V UC	250 V AC		PUSH IN	10	2663110000
TRS 24-230VUC 1CO ED2	1 CO contact	24 - 230 V UC	250 V AC	6 A	Screw connection	10	2662850000
TRS 24-230VUC 1CO AU ED2	1 CO contact	24 - 230 V UC	250 V AC	6 A	Screw connection	10	2662860000
TRS 24-230VUC 1CO AGSNO ED2	1 CO contact	24 - 230 V UC	250 V AC	6 A	Screw connection	10	2663000000
TRS 24-230VUC 1CO EMPTY ED2	1 CO contact	24 - 230 V UC	250 V AC		Screw connection	10	2662870000
TRS 24-230VUC 1CO 16A ED2	1 CO contact	24 - 230 V UC	250 V AC	16 A	Screw connection	10	2662960000
TRS 24-230VUC 1NO HC ED2	1 NO contact	24 - 230 V UC	250 V AC	16 A	Screw connection	10	2662970000
TRS 24-230VUC 1NO HCP ED2	1 NO contact	24 - 230 V UC	250 V AC	16 A	Screw connection	10	2662980000
TRS 24-230VUC 2CO ED2	2 CO contact	24 - 230 V UC	250 V AC	8 A	Screw connection	10	2662880000
TRS 24-230VUC 2CO AU ED2	2 CO contact	24 - 230 V UC	250 V AC	8 A	Screw connection	10	2662890000
TRS 24-230VUC 2CO EMPTY ED2	2 CO contact	24 - 230 V UC	250 V AC	8 A	Screw connection	10	2662900000
TOS 24-230VUC 48VDC0,1A ED2	1 NO contact *1	24 - 230 V UC	48 V DC	0,1 A	Screw connection	10	2662910000
TOS 24-230VUC 24VDC2A ED2	1 NO contact *2	24 - 230 V UC	24 V DC	2 A	Screw connection	10	2662920000
TOS 24-230VUC 230VAC1A ED2	1 NO contact *3	24 - 230 V UC	230 V AC	1 A	Screw connection	10	2662930000
TOS 24-230VUC 24VDC3,5A ED2	1 NO contact *2	24 - 230 V UC	24 V DC	3,5 A	Screw connection	10	2662940000
TOS 24-230VUC 24VDC5A ED2	1 NO contact *2	24 - 230 V UC	24 V DC	5A	Screw connection	10	2662990000
TOS 24-230VUC EMPTY ED2		24 - 230 V UC	250 V AC		Screw connection	10	2662950000

*1 (Bipolar transistor)

*2 (MOS-FET)

*3 (zero-voltage switching)

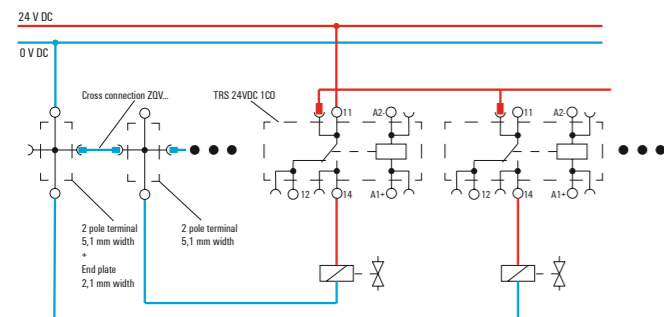
Actor variant TERMSERIES

With the TERMSERIES actor variant, supply and return wires can be connected directly to the relay module. This avoids the need for additional terminal blocks and significantly reduces wiring time. Time-intensive and complex single-core wiring is saved.

TERMSERIES interface adapter and cross-connections make wiring even more efficient.

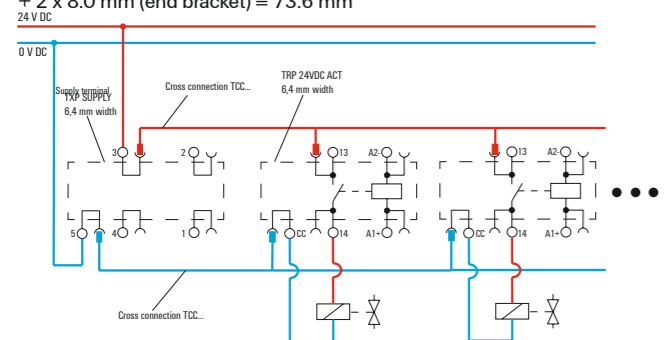
Space requirement for an 8-channel system with a standard TERMSERIES 1CO relay

Example of output wiring to show the difference in eight loads to be wired:
Result width = 8 x 5.1 mm (2-pole terminal block) + 1 x 2.1 mm (end plate) + 8 x 6.4 mm (TRP 24VDC 1CO) + 3 x 8.0 mm (end bracket) = 118.1 mm



Space requirement for an 8-channel system with TERMSERIES ACT version relays and power supply terminals

Example of wiring the outputs to illustrate the difference in eight loads to be wired loads to be wired: Result width = 1 x 6.4 mm (TRP SUPPLY) + 8 x 6.4 mm (TRP 24VDC ACT) + 2 x 8.0 mm (end bracket) = 73.6 mm

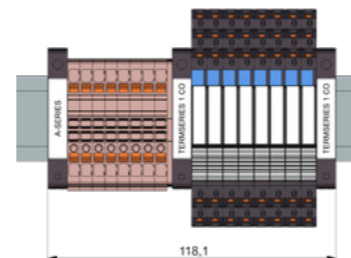


Type	Version	Rated control voltage	Rated switching voltage	Continuous current	Connection technology	Qts	Order No.
TRP 24VDC ACT	Relay	24 V DC +/-20%	250 V AC	6 A	PUSH IN	10	2618230000
TRS 24VDC ACT	Relay	24 V DC +/-20%	250 V AC	6 A	Screw	10	1381900000
TRZ 24VDC ACT	Relay	24 V DC +/-20%	250 V AC	6 A	Tension clamp	10	1391670000
TDP 24VDC ACT	Solid-state relay	24 V DC +/-20%	3...33 V DC	2 A	PUSH IN	10	2618750000
TDS 24VDC ACT	Solid-state relay	24 V DC +/-20%	3...33 V DC	2 A	Screw	10	1391680000
TOZ 24VDC ACT	Solid-state relay	24 V DC +/-20%	3...33 V DC	2 A	Tension clamp	10	1391690000

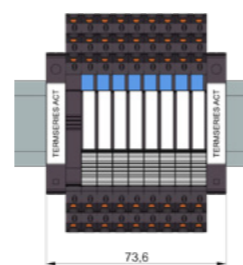
Your special advantages:

- Direct connection of the load return to the CC contact using the actuator variant
- Efficient connection to the the system wiring through TERMSERIES interface adapter

Space requirement top view*



Space requirement top view*



*Image created with the Weidmüller Configurator programme

RC-Filter

Reliable switch-off for long cable lengths / leakage currents

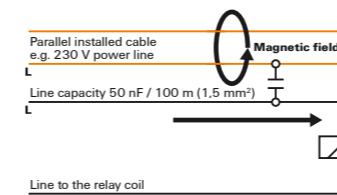
Due to the parallel connection, the coupled leakage current collapses and is no longer sufficient to hold the relay. This problem occurs with 120V and 230V relays due to low holding current or high coil resistance.

Interference on control lines of relays (e.g. by parallel power lines) produce noise voltage. When the power of the noise voltage is above of the release voltage of the relay, the relay does not de-energise safe.

In protective circuits of AC output cards leakage currents can occur in the off state. The relay does not de-energise safe when the leakage current has sufficient power.

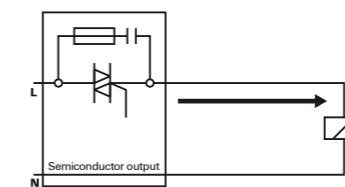
Great events often come from little causes: The variants with 120 / 230 VAC input have a standard built-in RC-filter. This provides a compensation of noise voltage and leakage currents by an additional current consumption

Problem: Long cables



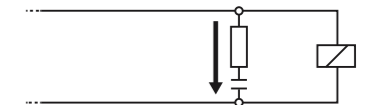
Inductive or capacitive couplings: noise voltage > release voltage = relay does not de-energise

Problem: Leakage current from control output



Output cards of control systems and control modules: leakage current > relay holding current = relay does not de-energise

Solution: RC-Filter parallel to coil



TERMSERIES relays reliably de-energise – Always!

Type	Contact version	Rated control voltage	Contact material	Continuous current	Connection technology	Qts	Order No.
TRP 120VAC RC 1CO 16A	1 CO contact	120VAC	AgNi	16 A	PUSH IN	10	2618270000
TRP 230VAC RC 1CO 16A	1 CO contact	230VAC	AgNi	16 A	PUSH IN	10	2618190000
TRS 120VAC RC 1CO 16A	1 CO contact	120VAC	AgNi	16 A	Screw connection	10	1479750000
TRS 230VAC RC 1CO 16A	1 CO contact	230VAC	AgNi	16 A	Screw connection	10	1479760000
TRP 120VAC RC 1CO	1 CO contact	120VAC	AgNi	6 A	PUSH IN	10	2618150000
TRP 230VAC RC 1CO	1 CO contact	230VAC	AgNi	6 A	PUSH IN	10	2618200000
TRS 120VAC RC 1CO	1 CO contact	120VAC	AgNi	6 A	Screw connection	10	1122830000
TRS 230VAC RC 1CO	1 CO contact	230VAC	AgNi	6 A	Screw connection	10	1122840000
TRS 120VACRC 1CO C1D2	1 CO contact	120VAC	AgNi	6 A	Screw connection	10	1984590000
TRS 230VACRC 1CO C1D2	1 CO contact	230VAC	AgNi	6 A	Screw connection	10	1984600000
TRP 120VAC RC 1CO AGSNO	1 CO contact	120VAC	AgSnO	6 A	PUSH IN	10	2617840000
TRP 230VAC RC 1CO AGSNO	1 CO contact	230VAC	AgSnO	6 A	PUSH IN	10	2617850000
TRS 120VAC RC 1CO AGSNO	1 CO contact	120VAC	AgSnO	6 A	Screw connection	10	2152900000
TRS 230VAC RC 1CO AGSNO	1 CO contact	230VAC	AgSnO	6 A	Screw connection	10	2152920000
TRP 120VAC RC 1CO AU	1 CO contact	120VAC	AgNi + AU	6 A	PUSH IN	10	2618030000
TRP 230VAC RC 1CO AU	1 CO contact	230VAC	AgNi + AU	6 A	PUSH IN	10	2617950000
TRS 120VAC RC 1CO AU	1 CO contact	120VAC	AgNi + AU	6 A	Screw connection	10	1123070000
TRS 230VAC RC 1CO AU	1 CO contact	230VAC	AgNi + AU	6 A	Screw connection	10	1123080000
TRS 120VACRC 1COAU C1D2	1 CO contact	120VAC	AgNi + AU	6 A	Screw connection	10	1984640000
TRP 120VAC RC 2CO	2 CO contact	120VAC	AgNi	8 A	PUSH IN	10	2618470000
TRP 230VAC RC 2CO	2 CO contact	230VAC	AgNi	8 A	PUSH IN	10	2618330000
TRS 120VAC RC 2CO	2 CO contact	120VAC	AgNi	8 A	Screw connection	10	1123550000
TRS 230VAC RC 2CO	2 CO contact	230VAC	AgNi	8 A	Screw connection	10	1123570000
TRP 120VAC RC 2CO AU	2 CO contact	120VAC	AgNi + AU	8 A	PUSH IN	10	2618490000
TRP 230VAC RC 2CO AU	2 CO contact	230VAC	AgNi + AU	8 A	PUSH IN	10	2618500000
TRS 120VAC RC 2CO AU	2 CO contact	120VAC	AgNi + AU	8 A	Screw connection	10	1123800000
TRS 230VAC RC 2CO AU	2 CO contact	230VAC	AgNi + AU	8 A	Screw connection	10	1123810000

TERMSERIES TIMER

Adjust control signals even more easily

TERMSERIES timing relay with additional functions

Timing relays are used in automation technology to high offset errors from cycle rates. Short pulses are extended and reliably detected by downstream control components. For this task, TERMSERIES timing relays were specially designed.

To increase the advantage of our TERMSERIES, we have implemented timing functions. The DIP switches on the side conveniently set the timing functions and time ranges. A Duo-LED on the ejection lever indicates the respective switching status. By providing extensive accessories in TERMSERIES, we guarantee high flexibility and enable easy integration into existing systems.



Your special advantages:

- Duo-LED on the ejection lever
- Empty sockets for solid-state relays and mechanical relays
- Simple setting of the timing functions and time ranges

Technical data

Input

- Rated control voltage: 24 V DC

Output

- Contact type: 1 CO contact
- Continuous current: 6 A

General Data

- 6 mm slim design
- Status displays: Duo-LED orange:
 - Lights permanently when relay closed
 Duo-LED green:
 - Lights permanently when supply voltage is applied
 - Flashes in case of incorrect configuration, no function
- Dimensions (W x H x D): 6.4 x 90 x 88 mm
- Temperature range: -20 °C to 60 °C
- Connection: PUSH IN/Screw connection
- Version: Relay modul/Empty socket

Time ranges

0.01 s - 0.1 s, 0.1 s - 1 s, 1 s - 10 s, 10 s - 100 s

Example: DIP switch adjustment for a on delay of 0.7 s

Function	DIP switch							
Mode = On Delay	1	2	3	4	5	6	7	8
Time range = 0.1...1s	■	■						
Time factor = 0.7				■		■	■	

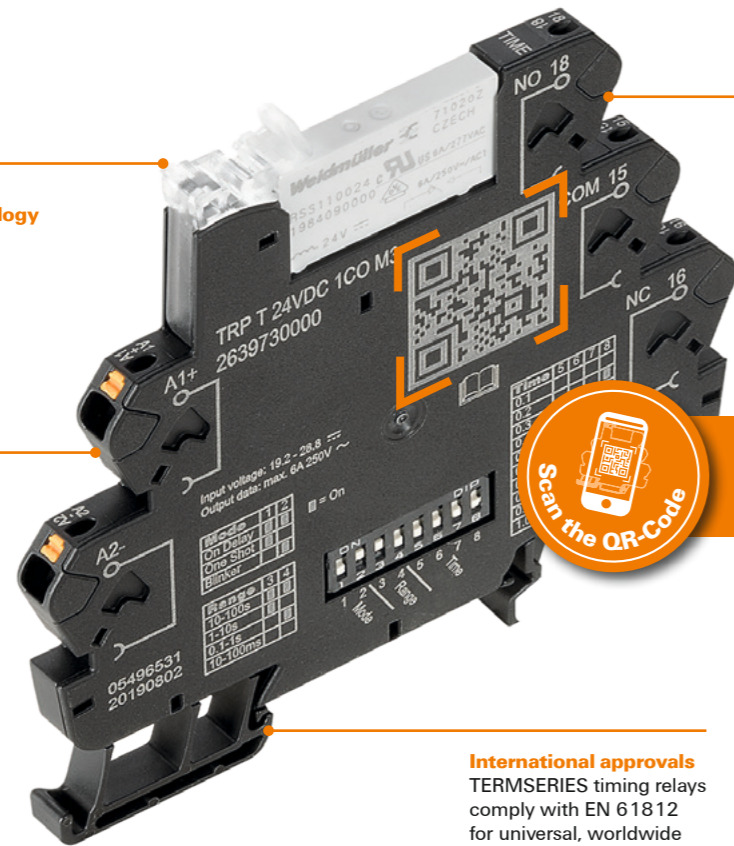
■ = ON (DIP switch position)

Type	Connection	Continuous current	Version	Qty	Order No.
TRP T 24VDC 1CO M3	PUSH IN	6 A	Relay modul	10	2639730000
TRS T 24VDC 1CO M3	Screw	6 A	Relay modul	10	2639560000
TRP T 24VDC 1CO M3 EMPTY	PUSH IN	10 A	Empty socket	10	2639740000
TRS T 24VDC 1CO M3 EMPTY	Screw	10 A	Empty socket	10	2639720000

Available with screw- and PUSH IN-connection technology

Clear display

Due to the integrated Duo-LED on the ejection lever, power supply and switching status can be checked at a glance.



Comfortable adjustment

Timing function and time ranges are set easily via the DIP switches on the side.

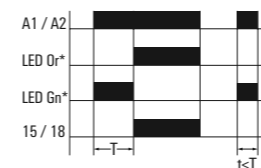
Scan the QR-Code on the TERMSERIES TIMER and you can access the product directly in our online catalogue.

International approvals

TERMSERIES timing relays comply with EN 61812 for universal, worldwide application.

Timing functions

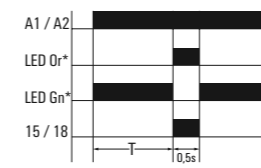
On Delay



On Delay

When the supply voltage A1/A2 is applied, the set time T begins to run. When the time has passed, the output relay 15/18 switches into on-position. This state remains active until the supply voltage is interrupted. If the supply voltage is interrupted before time T has passed, the already run time is deleted and restarted with the next application of supply voltage.

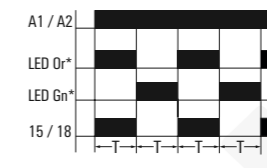
One Shot



One Shot

When the supply voltage A1/A2 is applied, the set time T runs. After the time T has passed, the output relay 15/18 switches into on-position for 0.5 s. After 0.5 s the output relay switches into off-position. The time function is not restarted until the next time the supply voltage is applied.

Blinker



Blinker

When the supply voltage A1/A2 is applied, the output relay 15/18 switches into on-position. After the set pulse time T has passed, the output relay switches into off-position. After the pause time T has passed, the output relay switches into on-position again. The output relay is activated for the set time until the supply voltage is interrupted. (T=pulse time-pause time)

T = Time factor x Time range (final value)
 | *LED Or = LED Orange
 | *LED Gn = LED Green



Visit our website for more information

TERMSERIES FG

Proven monitoring of signal switching status

Relays with forcibly guided contacts are proven components in functional safety. Due to the forced guidance of the contacts, our relay modules of the TERMSERIES are predestined for safe signal monitoring in many applications.

The switching function of the relays is clearly indicated by an illuminated eject lever with an integrated receptacle for markers. High flexibility and easy integration into existing systems is ensured by using accessories from the TERMSERIES.



Your special advantages:

- The use of relays with forcibly guided contacts according to EN 61810-3 ensures the monitoring of signals for opening failure
- Thanks to the screw or PUSH IN connection, all connection requirements are met

Diagnostic coverage of 99%

Proven component
The positive guidance ensures a synchronous switching status at both contacts and achieves a diagnostic coverage of 99%. This ensures that the signalling contact maintains the same switching status in the event of an error.

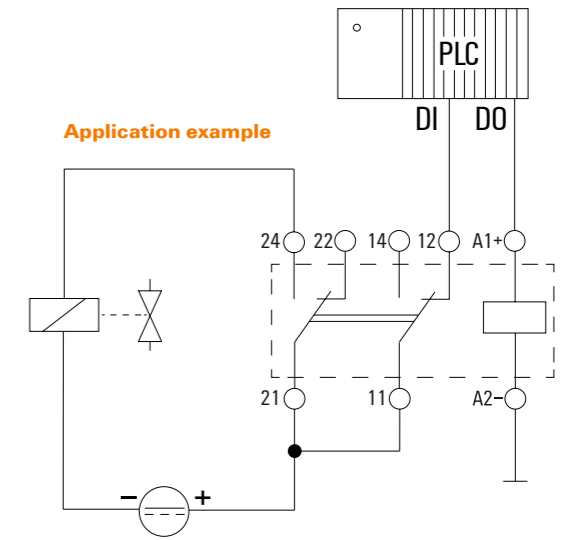


Ejection lever with integrated marker channels
The ejection lever allows quick replacement of the plugged relays and has an integrated holder for Weidmüller markers.

International approvals
The „cULus listed“ certification meets the requirements for the North American market.

Technical data

- Input**
- Rated control voltage: 24 V UC
- Output**
- Contact type: 2 CO contact forcibly guided (EN 61810-3 Typ B) AgNi
 - Continuous current: 6 A
- General Data**
- 12.8 mm slim design
 - Status displays: LED green
 - Dimensions (W x H x D): 12.8 x 97.5 x 88 mm
 - Temperature range: -25 °C to 60 °C



Type	Connection	Version	Qty	Order No.
TRP 24VUC 2CO FG	PUSH IN	Relay modul	5	2706430000
TRS 24VUC 2CO FG	Screw	Relay modul	5	2706290000

SIL With the forcibly guided contacts of the used relay we address the segments machinery, signaling for railway, wind power and elevators / escalators.



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TERMSERIES interface adapter

Faster signal wiring with less space

Our adapter for TERMSERIES Relays reduces wiring times per plug-and-play

To reduce wiring times, pre-assembled cables are used between the control system and the interface level and are simply connected to the TERMSERIES adapter. This enables throughput times in electrical cabinet building to be significantly reduced. The adapter has a universal fit and offers a genuine space advantage in interaction with the TERMSERIES products with identical contours.



Reliable and unambiguous wiring
Installation is unambiguous and safe thanks to practical marking of the connections, assignment of the contacts and the option of individual marking using MultiCard.

Connection to a variety of controllers
The standardized flat cable plug-in connections enables connection of all interface systems pre-assembled cable types.

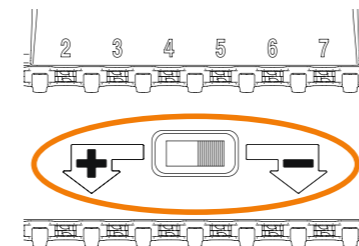
Fast supply and bridging of the auxiliary voltage
Quick and safe supply of the auxiliary voltage as a result of the TOP connection with „PUSH IN“ technology. Simple bridging is also possible thanks to duplication of the connections.

Both types of logic with one device
The potential switch for the lower level allows to use the adapter for plus and minus switching logic.

One-size-fits-all – Only one version for all types of applications

Thanks to its symmetrical structure, the adapter can be connected to both TERMSERIES coil and contact connections. The use of positive- and negative-switching logic is also possible for the lower level thanks to the potential changeover switch (1).

Potential change-over switch



The potential change-over switch is located between contact rows of the TERMSERIES adaptor. It is used to switch the potential of the lower contact row to "+" or "-" potential of the supply voltage.

Installation – Input/Output

Installation input

Figure 1a: Positive-switching logic: Potential change-over switch to "-", installation on 24 V DC input (A1/A2).

Figure 1b: Negative-switching logic: Potential change-over switch to "+", installation on 24 V UC input (A1/A2).

Installation output

Figure 2a: Positive-switching logic: Potential change-over switch to "+", installation on output (11/14).

Figure 2b: Negative-switching logic: Potential change-over switch to "-", installation on output (11/14).



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Type	Plug type	Signals / Width of sockets	Qty	Order No.
TIA F10	10-pole flat cable	8 / 6.4 mm	1	1463520000
TIA SUBD 15S	15-pole SUB-D	8 / 6.4 mm	1	1463530000
TIAL F10	10-pole flat cable	8 / 12.8 mm	1	1463540000
TIAL F20	20-pole flat cable	16 / 6.4 mm	1	1463550000

Select contact materials suitable for the application

Information of various contact materials

Relay modules are used in a wide variety of industrial areas and environments. The relays must therefore be adapted to the various tasks by selecting suitable contact materials. The following applies: the load capacity of the contacts for voltage, current, and power depends essentially on the material used. To make the selection easier for you, we have compared the most important characteristics of the contact materials.

Criteria for the selection of the contact material:

- Welding tendency
- Burn-off resistance
- Contact resistance
- Material migration
- Resistance to harmful gas atmospheres



Please obtain information when selecting a relay in this table:

Material	Characteristics	Application
AgNi Silver-nickel	<ul style="list-style-type: none"> • Higher welding tendency than AgSnO and AgCdO • High burn-off resistance • Lower contact resistance than AgSnO and AgCdO • Mean material migration • Low resistance to harmful gas atmospheres 	<ul style="list-style-type: none"> • Suitable for low to high resistive and low inductive loads (solenoid valves, fans, heaters) • Standard contact material for a variety of relays • Limited suitable for high inrush currents • Suitable for loads > 12 V/10 mA or 5 V/100 mA
AgNi Au Silver-nickel hard gold plated	<ul style="list-style-type: none"> • Very low resistance to burn-off • Lowest contact resistance • High resistance to harmful gas atmospheres 	<ul style="list-style-type: none"> • Suitable for decoupling control inputs and other small resistive loads • Suitable for loads > 1 V/1 mA and < 30 V/10 mA • After switching loads > 30 V/100 mA, small powers can no longer be switched reliably because the hard gold plating has been burned-off. Only the characteristics of the base contact material AgNi still apply.
AgSnO Silver-Tin-Oxide	<ul style="list-style-type: none"> • Lower welding tendency than AgNi und AgCdO • High resistance to burn-off • Average contact resistance • Lower material migration than AgNi and AgCdO • Very low resistance to harmful gas atmospheres 	<ul style="list-style-type: none"> • Suitable for medium to high resistive DC-loads and low up to medium inductive DC loads due to low material migration. Thanks to the low tendency to weld, it is also well suited for loads with higher inrush currents such as lamp loads, light capacitive loads, fluorescent tubes, etc. • Suitable for loads > 12 V/100 mA
HC Variants W Tungsten	<ul style="list-style-type: none"> • Lowest welding tendency • Very high resistance to burn-off • Highest contact resistance • Low material migration 	<ul style="list-style-type: none"> • Suitable for loads with very high inrush currents of up to 165 A/20 ms or 800 A/200 µs (e.g. lamp loads, capacitive loads, fluorescent tubes, switched-mode power supplies etc.) • Often used as a pre-making contact in parallel to AgSnO contacts
HCP Variants		

Simple and comfortable cross-connection of compact relay modules

Adaptable cross-connection for the TERMSERIES

Relay modules are used in different industries and applications for isolating and amplifying loads. With the trend towards compact design, slim relays from the TERMSERIES are used, which require a cross-connection option.

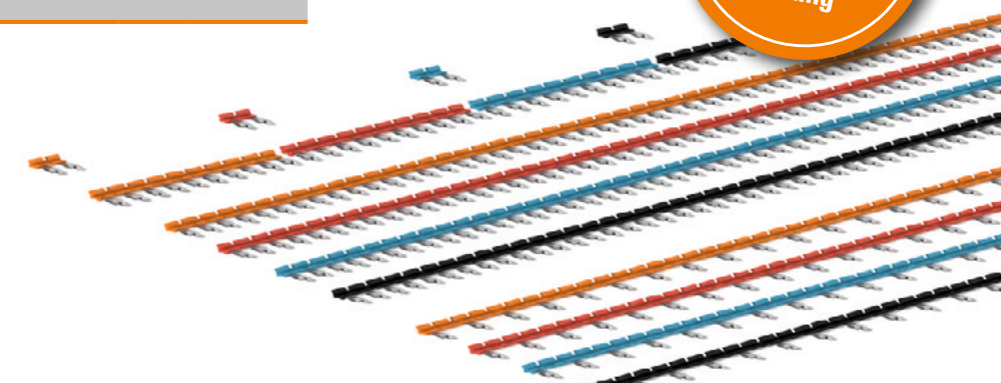
With the TERMSERIES CROSS-CONNECTION, we offer more flexibility with regard to the number of poles that can be adapted to the application. The strip material with 51 poles can be shortened as required, which considerably reduces the resulting waste. The maximum number of pluggable poles has been increased to 32 poles. An additional bar in the spring avoids unwanted deformations during the assembly process.

The cross-connection impress with their easy handling, good visibility and universal interconnection possibilities – also via partitions plates. Even PUSH IN, screw and tension clamp variants can be cross-connected to each other.

Your special advantages:

- Individually adjustable cross-connection with 51 poles
- Extended cross-connection possibility up to 32 poles
- An additional bar also supports gripping and mounting without having to reach for the contacts and avoid deformation of the spring
- Shortening of the cross-connection to the required length allowed by notches between the poles, is very simple
- Rated current 17 A

Type	Colour	No. of poles	Pitch	Qty	Order No.
TCC 6.4/2 BL	●	2	6.4 mm	10	2556430000
TCC 6.4/2 OR	●	2	6.4 mm	10	2556350000
TCC 6.4/2 RD	●	2	6.4 mm	10	2556390000
TCC 6.4/2 BK	●	2	6.4 mm	10	2556470000
TCC 6.4/10 BL	●	10	6.4 mm	10	2556440000
TCC 6.4/10 OR	●	10	6.4 mm	10	2556360000
TCC 6.4/10 RD	●	10	6.4 mm	10	2556400000
TCC 6.4/10 BK	●	10	6.4 mm	10	2556480000
TCC 6.4/51 BL	●	51	6.4 mm	10	2556450000
TCC 6.4/51 OR	●	51	6.4 mm	10	2556370000
TCC 6.4/51 RD	●	51	6.4 mm	10	2556410000
TCC 6.4/51 BK	●	51	6.4 mm	10	2556490000
TCC 12.8/26 BL	●	26	12.8 mm	10	2556460000
TCC 12.8/26 OR	●	26	12.8 mm	10	2556380000
TCC 12.8/26 RD	●	26	12.8 mm	10	2556420000
TCC 12.8/26 BK	●	26	12.8 mm	10	2556500000



Visit our online catalogue for more information



To video TERMSERIES CROSS-CONNECTION

Partition plates and accessories

The ideal support for your daily work

Partition plates for safety and overview

A wide range of applications make the partition plate to a unique accessory: It is used to optical structuring of signals, electrically separate assemblies or labels for better monitoring of view.

In addition to our relay modules and solid-state relays we offer the accessories to help our customers get their work faster, easier and to be able to do it better.

Partitions plates

Type	Additional note	Qty	Order No.
TW TXS/TXZ R3.2	Partition plates grid 3.2 mm	10	124080000

Supply Terminal

Type	Connection	Additional note	Qty	Order No.
TXP SUPPLY	PUSH IN	10 A	10	2618940000
TXS SUPPLY	Screw	10 A	10	1240780000
TXZ SUPPLY	Tension clamp	10 A	10	1240790000

Markers

Type	Additional note	Qty	Order No.
WS 10/6 M MC NE WS	For 6.4 mm socket	600	1818400000
WS 10/12 MC NE WS	For 12.8 mm socket	300	1905970000

Screwdriver

Type	Connection	Additional note	Qty	Order No.
SDS 0.4x2.0x60	PUSH IN	uninsulated	1	2749260000
SDIS 0.4x2.0x60	PUSH IN	VDE insulated	1	2749780000
SDIK PH0 x 60	Screw	uninsulated	1	2749400000
SDIK PH0 x 60	Screw	VDE insulated	1	2749880000
SDS 0.6x3.5x100	Screw/Tension	uninsulated	1	2749340000
SDIS SL 0.6x3.5x100	Screw/Tension	VDE insulated	1	2749610000

Your special advantages:

- Partition plates visually separates groups from each other
- Two partition plates ensure optimal labeling with markers WAD5 or WS10/5 and allows a continuous cross-connection
- Perforations for individual breaking out the cross-connection channels
- Partition plates isolates between two modules by increasing the clearance and creepage distances of up to 600 V



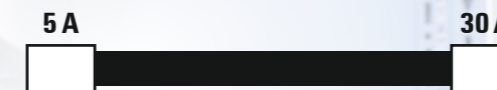
Switch to simple – with Klippon® Relay

High-quality relays with unique all-round service

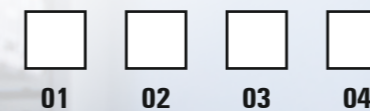
1. Load type



2. Switching current



3. Numbers of output channels



Visit our website for more information
www.weidmuller.com/switchtosimple

Special variants

C1D2



C1D2

Output		1 NO contact	
		Contact material: AgNi	Contact material: AgNi Au
Screw*	Screw*		
Input			
12 V DC	TRS 12VDC 1CO C1D2 1984560000	TRS 12VDC 1COAU C1D2 1984620000	
24 V DC	TRS 24VDC 1CO C1D2 1984570000	TRS 24VDC 1COAU C1D2 1984630000	
24 V UC	TRS 24VUC 1CO C1D2 1984580000		

*Qty 10

Output		1 NO contact	
		Contact material: AgNi	Contact material: AgNi Au
Screw*	Screw*		
Input			
120 V AC RC	TRS 120VACRC 1CO C1D2 1984590000	TRS 120VACRC 1COAU C1D2 1984640000	
230 V AC RC	TRS 230VACRC 1CO C1D2 1984600000		
24 - 230 V UC	TRS 24-230VUC 1CO C1D2 1984610000	TRS 24-230VUC 1COAU C1D2 1984650000	

*Qty 10

Special variants

Application range



High Current - For inductive loads

Output		1 CO contact - 16 A		
		Contact material: AgSnO		
PUSH IN*	Screw*	Tension clamp*		
Input				
24 V DC	TRP 24VDC 1NO HC 2618090000	TRS 24VDC 1NO HC 1479780000	TRZ 24VDC 1NO HC 1479940000	
24-230 V UC	TRP 24-230VUC 1NO HC ED2 2663130000	TRS 24-230VUC 1NO HC ED2 2662970000	TRZ 24-230VUC 1NO HC 1479950000	

*Qty 10



High Current Peak - For capacitive loads

Output		1 CO contact - 16 A		
		Contact material: AgSnO2+W		
PUSH IN*	Screw*	Tension clamp*		
Input				
24 V DC	TRP 24VDC 1NO HCP 2617930000	TRS 24VDC 1NO HCP 1479810000	TRZ 24VDC 1NO HCP 1479970000	
24-230 V UC	TRP 24-230VUC 1NO HCP ED2 2663140000	TRS 24-230VUC 1NO HCP ED2 2662980000	TRZ 24-230VUC 1NO HCP 1479980000	

*Qty 10

Explanations to the contact materials you will find on Page 8



TERMSERIES Actor

Output		1 CO contact		
		Contact material: AgNi		
PUSH IN*	Screw*	Tension clamp*		
Input				
24 V DC	TRP 24VDC ACT 2618230000	TRS 24VDC ACT 1381900000	TRZ 24VDC ACT 1391670000	

*Qty 10



TERMSERIES Actor

Output		3 - 33 V DC - 2 A MOS-FET		
PUSH IN*	Screw*	Tension clamp*		
Input				
24 V DC	TOP 24VDC ACT 2618750000	TOS 24VDC ACT 1391680000	TOZ 24VDC ACT 1391690000	

*Qty 10

More information on page 7



TERMSERIES TIMER

Output		1 NO contact		
		Contact material: AgNi		
PUSH IN*	Screw*			
Input				
24 V DC	TRP T 24VDC 1CO M3 2639730000	TRS T 24VDC 1CO M3 2639560000		

*Qty 10



TERMSERIES TIMER

Output		1 NO contact Empty socket		
PUSH IN*	Screw*			
Input				
24 V DC	TRP T 24VDC 1CO M3 EMPTY 2639740000	TRS T 24VDC 1CO M3 EMPTY 2639720000		

*Qty 10

More information on page 12



TERMSERIES FG

Output		2 NO contact		
		Contact material: AgNi		
PUSH IN*	Screw*			
Input				
24 V UC	TRP 24VUC 2CO FG 2706430000	TRS 24VUC 2CO FG 2706290000		

*Qty 5

More information on page 14

Relay modules

6 mm

Explanations for the contact materials you will find on page 8



Output			
1 CO contact - 6 A Contact material: AgNi			
PUSH IN*	Screw*	Tension clamp*	
Input			
5 V DC	TRP 5VDC 1CO 2614830000	TRS 5VDC 1CO 1122740000	TRZ 5VDC 1CO 1122860000
12 V DC	TRP 12VDC 1CO 2618180000	TRS 12VDC 1CO 1122750000	TRZ 12VDC 1CO 1122870000
24 V DC	TRP 24VDC 1CO 2618000000	TRS 24VDC 1CO 1122770000	TRZ 24VDC 1CO 1122880000
24 V UC	TRP 24VUC 1CO 2618220000	TRS 24VUC 1CO 1122800000	TRZ 24VUC 1CO 1122890000
48 V UC	TRP 48VUC 1CO 2618240000	TRS 48VUC 1CO 1122790000	TRZ 48VUC 1CO 1122900000
60 V UC	TRP 60VUC 1CO 2618140000	TRS 60VUC 1CO 1122800000	TRZ 60VUC 1CO 1122910000
120 V AC RC	TRP 120VAC RC 1CO 2618150000	TRS 120VAC RC 1CO 1122830000	TRZ 120VAC RC 1CO 1122940000
120 V UC	TRP 120VUC 1CO 2618010000	TRS 120VUC 1CO 1122810000	TRZ 120VUC 1CO 1122920000
230 V AC RC	TRP 230VAC RC 1CO 2618200000	TRS 230VAC RC 1CO 1122840000	TRZ 230VAC RC 1CO 1122950000
230 V UC	TRP 230VUC 1CO 2618050000	TRS 230VUC 1CO 1122820000	TRZ 230VUC 1CO 1122930000
24-230 V UC	TRP 24-230VUC 1CO ED2 2663010000	TRS 24-230VUC 1CO ED2 2662850000	TRZ 24-230VUC 1CO 1122970000

*Qty 10

Output			
1 CO contact - 6 A Contact material: AgSnD			
PUSH IN*	Screw*	Tension clamp*	
Input			
5 V DC	TRP 5VDC 1CO AGSNO 2614820000	TRS 5VDC 1CO AGSNO 2152860000	TRZ 5VDC 1CO AGSNO 2152870000
12 V DC	TRP 12VDC 1CO AGSNO 2617860000	TRS 12VDC 1CO AGSNO 2152880000	TRZ 12VDC 1CO AGSNO 2152890000
24 V DC	TRP 24VDC 1CO AGSNO 2618020000	TRS 24VDC 1CO AGSNO 1984540000	TRZ 24VDC 1CO AGSNO 1984550000
24 V UC	TRP 24VUC 1CO AGSNO 2617880000	TRS 24VUC 1CO AGSNO 2152940000	TRZ 24VUC 1CO AGSNO 2152970000
48 V UC	TRP 48VUC 1CO AGSNO 2617890000	TRS 48VUC 1CO AGSNO 2153060000	TRZ 48VUC 1CO AGSNO 2153080000
60 V UC	TRP 60VUC 1CO AGSNO 2617870000	TRS 60VUC 1CO AGSNO 2153550000	TRZ 60VUC 1CO AGSNO 2153560000
120 V AC RC	TRP 120VAC RC 1CO AGSNO 2617840000	TRS 120VAC RC 1CO AGSNO 2152900000	TRZ 120VAC RC 1CO AGSNO 2152910000
120 V UC	TRP 120VUC 1CO AGSNO 2617900000	TRS 120VUC 1CO AGSNO 2153570000	TRZ 120VUC 1CO AGSNO 2153580000
230 V AC RC	TRP 230VAC RC 1CO AGSNO 2617850000	TRS 230VAC RC 1CO AGSNO 2152920000	TRZ 230VAC RC 1CO AGSNO 2152930000
230 V UC	TRP 230VUC 1CO AGSNO 2617830000	TRS 230VUC 1CO AGSNO 2153590000	TRZ 230VUC 1CO AGSNO 2153690000
24-230 V UC	TRP 24-230VUC 1CO AGSNO ED2 2663160000	TRS 24-230VUC 1CO AGSNO ED2 2663000000	TRZ 24-230VUC 1CO AGSNO 2154980000

*Qty 10

Output			
1 CO contact - 6 A Contact material: AgNi Au			
PUSH IN*	Screw*	Tension clamp*	
Input			
5 V DC	TRP 5VDC 1CO AU 2618060000	TRS 5VDC 1CO AU 1122980000	TRZ 5VDC 1CO AU 1123100000
12 V DC	TRP 12VDC 1CO AU 2618120000	TRS 12VDC 1CO AU 1122990000	TRZ 12VDC 1CO AU 1123110000
24 V DC	TRP 24VDC 1CO AU 2618110000	TRS 24VDC 1CO AU 1123000000	TRZ 24VDC 1CO AU 1123120000
24 V UC	TRP 24VUC 1CO AU 2618160000	TRS 24VUC 1CO AU 1123010000	TRZ 24VUC 1CO AU 1123130000
48 V UC	TRP 48VUC 1CO AU 2618170000	TRS 48VUC 1CO AU 1123020000	TRZ 48VUC 1CO AU 1123140000
60 V UC	TRP 60VUC 1CO AU 2618070000	TRS 60VUC 1CO AU 1123030000	TRZ 60VUC 1CO AU 1123150000
120 V AC RC	TRP 120VAC RC 1CO AU 2618030000	TRS 120VAC RC 1CO AU 1123070000	TRZ 120VAC RC 1CO AU 1123190000
120 V UC	TRP 120VUC 1CO AU 2618080000	TRS 120VUC 1CO AU 1123040000	TRZ 120VUC 1CO AU 1123170000
230 V AC RC	TRP 230VAC RC 1CO AU 2617950000	TRS 230VAC RC 1CO AU 1123080000	TRZ 230VAC RC 1CO AU 1123200000
230 V UC	TRP 230VUC 1CO AU 2618210000	TRS 230VUC 1CO AU 1123050000	TRZ 230VUC 1CO AU 1123180000
24-230 V UC	TRP 24-230VUC 1CO AU ED2 2663020000	TRS 24-230VUC 1CO AU ED2 2662860000	TRZ 24-230VUC 1CO AU 1123210000

*Qty 10

Output			
1 CO contact Empty socket			
PUSH IN*	Screw*	Tension clamp*	
Input			
5 V DC	TRP 5VDC 1CO EMPTY 2614870000	TRS 5VDC 1CO EMPTY 1123220000	TRZ 5VDC 1CO EMPTY 1123340000
12 V DC	TRP 12VDC 1CO EMPTY 2618930000	TRS 12VDC 1CO EMPTY 1123230000	TRZ 12VDC 1CO EMPTY 1123350000
24 V DC	TRP 24VDC 1CO EMPTY 2618870000	TRS 24VDC 1CO EMPTY 1123240000	TRZ 24VDC 1CO EMPTY 1123370000
24 V UC	TRP 24VUC 1CO EMPTY 2618910000	TRS 24VUC 1CO EMPTY 1123250000	TRZ 24VUC 1CO EMPTY 1123380000
48 V UC	TRP 48VUC 1CO EMPTY 2618920000	TRS 48VUC 1CO EMPTY 1123270000	TRZ 48VUC 1CO EMPTY 1123390000
60 V UC	TRP 60VUC 1CO EMPTY 2618900000	TRS 60VUC 1CO EMPTY 1123280000	TRZ 60VUC 1CO EMPTY 1123400000
120 V AC RC	TRP 120VAC RC 1CO EMPTY 2618880000	TRS 120VAC RC 1CO EMPTY 1123310000	TRZ 120VAC RC 1CO EMPTY 1123430000
120 V UC	TRP 120VUC 1CO EMPTY 2618950000	TRS 120VUC 1CO EMPTY 1123290000	TRZ 120VUC 1CO EMPTY 1123410000
230 V AC RC	TRP 230VAC RC 1CO EMPTY 2618890000	TRS 230VAC RC 1CO EMPTY 1123320000	TRZ 230VAC RC 1CO EMPTY 1123440000
230 V UC	TRP 230VUC 1CO EMPTY 2618960000	TRS 230VUC 1CO EMPTY 1123300000	TRZ 230VUC 1CO EMPTY 1123420000
24-230 V UC	TRP 24-230VUC 1CO EMPTY ED2 2663030000	TRS 24-230VUC 1CO EMPTY ED2 2662870000	TRZ 24-230VUC 1CO EMPTY 1123450000

*Qty 10

Relay modules

12 mm

Explanations for the contact materials you will find on page 8



Output			
2 CO contact - 8 A Contact material: AgNi			
PUSH IN*	Screw*	Tension clamp*	
Input			
5 V DC	TRP 5VDC 2CO 2614840000	TRS 5VDC 2CO 1123470000	TRZ 5VDC 2CO 1123590000
12 V DC	TRP 12VDC 2CO 2618550000	TRS 12VDC 2CO 1123480000	TRZ 12VDC 2CO 1123600000
24 V DC	TRP 24VDC 2CO 2618400000	TRS 24VDC 2CO 1123490000	TRZ 24VDC 2CO 1123610000
24 V UC	TRP 24VUC 2CO 2618320000	TRS 24VUC 2CO 1123500000	TRZ 24VUC 2CO 1123620000
48 V UC	TRP 48VUC 2CO 2618520000	TRS 48VUC 2CO 1123510000	TRZ 48VUC 2CO 1123630000
60 V UC	TRP 60VUC 2CO 2618290000	TRS 60VUC 2CO 1123520000	TRZ 60VUC 2CO 1123640000
120 V AC RC	TRP 120VAC RC 2CO 2618470000	TRS 120VAC RC 2CO 1123550000	TRZ 120VAC RC 2CO 1123680000
120 V UC	TRP 120VUC 2CO 2618570000	TRS 120VUC 2CO 1123530000	TRZ 120VUC 2CO 1123650000
230 V AC RC	TRP 230VAC RC 2CO 2618330000	TRS 230VAC RC 2CO 1123570000	TRZ 230VAC RC 2CO 1123690000
230 V UC	TRP 230VUC 2CO 2618440000	TRS 230VUC 2CO 1123540000	TRZ 230VUC 2CO 1123670000
24-230 V UC	TRP 24-230VUC 2CO ED2 2663040000	TRS 24-230VUC 2CO ED2 2662880000	TRZ 24-230VUC 2CO 1123700000

*Qty 10

Output			
2 CO contact - 16 A Contact material: AgNi			
PUSH IN	Screw*	Tension clamp*	
Input			
5 V DC	TRP 5VDC 1CO 16A 2618130000	TRS 5VDC 1CO 16A 1479650000	TRZ 5VDC 1CO 16A 1479800000
12 V DC	TRP 12VDC 1CO 16A 2618040000	TRS 12VDC 1CO 16A 1479670000	TRZ 12VDC 1CO 16A 1479820000
24 V DC	TRP 24VDC 1CO 16A 2618100000	TRS 24VDC 1CO 16A 1479680000	TRZ 24VDC 1CO 16A 1479840000
24 V UC	TRP 24VUC 1CO 16A 2617910000	TRS 24VUC 1CO 16A 1479690000	TRZ 24VUC 1CO 16A 1479850000
48 V UC	TRP 48VUC 1CO 16A 2617960000	TRS 48VUC 1CO 16A 1479700000	TRZ 48VUC 1CO 16A 1479870000
60 V UC	TRP 60VUC 1CO 16A 2617970000	TRS 60VUC 1CO 16A 1479710000	TRZ 60VUC 1CO 16A 1479880000
120 V AC RC	TRP 120VAC RC 1CO 16A 2618270000	TRS 120VAC RC 1CO 16A 1479750000	TRZ 120VAC RC 1CO 16A 1479910000
120 V UC	TRP 120VUC 1CO 16A 2618280000	TRS 120VUC 1CO 16A 1479730000	TRZ 120VUC 1CO 16A 1479980000
230 V AC RC	TRP 230VAC RC 1CO 16A 2618190000	TRS 230VAC RC 1CO 16A 1479760000	TRZ 230VAC RC 1CO 16A 1479920000
230 V UC	TRP 230VUC 1CO 16A 2618260000	TRS 230VUC 1CO 16A 1479740000	TRZ 230VUC 1CO 16A 1479900000
24-230 V UC	TRP 24-230VUC 1CO 16A ED2 2663120000	TRS 24-230VUC 1CO 16A ED2 2662960000	TRZ 24-230VUC 1CO 16A 1479930000

*Qty 10

Output			
2 CO contact - 8 A Contact material: AgNi Au			
PUSH IN*	Screw*	Tension clamp*	
Input			
5 V DC	TRP 5VDC 2CO AU 2618580000	TRS 5VDC 2CO AU 1123710000	TRZ 5VDC 2CO AU 1123830000
12 V DC	TRP 12VDC 2CO AU 2618310000	TRS 12VDC 2CO AU 1123720000	TRZ 12VDC 2CO AU 1123840000
24 V DC	TRP 24VDC 2CO AU 2618530000	TRS 24VDC 2CO AU 1123730000	TRZ 24VDC 2CO AU 1123850000
24 V UC	TRP 24VUC 2CO AU 2618540000	TRS 24VUC 2CO AU 1123740000	TRZ 24VUC 2CO AU 1123860000
48 V UC	TRP 48VUC 2CO AU 2618560000	TRS 48VUC 2CO AU 1123750000	TRZ 48VUC 2CO AU 1123880000
60 V UC	TRP 60VUC 2CO AU 2618360000	TRS 60VUC 2CO AU 1123770000	TRZ 60VUC 2CO AU 1123890000
120 V AC RC	TRP 120VAC RC 2CO AU 2618490000	TRS 120VAC RC 2CO AU 1123800000	TRZ 120VAC RC 2CO AU 1123920000
120 V UC	TRP 120VUC 2CO AU 2618590000	TRS 120VUC 2CO AU 1123780000	TRZ 120VUC 2CO AU 1123900000
230 V AC RC	TRP 230VAC RC 2CO AU 2618500000	TRS 230VAC RC 2CO AU 1123810000	TRZ 230VAC RC 2CO AU 1123930000
230 V UC	TRP 230VUC 2CO AU 2618300000	TRS 230VUC 2CO AU 1123790000	TRZ 230VUC 2CO AU 1123910000
24-230 V UC	TRP 24-230VUC 2CO AU ED2 2663050000	TRS 24-230VUC 2CO AU ED2 2662890000	TRZ 24-230VUC 2CO AU 1123940000

*Qty 10

Output			
2 CO contact Empty socket			
PUSH IN*	Screw*	Tension clamp*	
Input			
5 V DC	TRP 5VDC 2CO EMPTY 2680850000	TRS 5VDC 2CO EMPTY 1123950000	TRZ 5VDC 2CO EMPTY 1124080000
12 V DC	TRP 12VDC 2CO EMPTY 2680960000	TRS 12VDC 2CO EMPTY 1123970000	TRZ 12VDC 2CO EMPTY 1124090000
24 V DC	TRP 24VDC 2CO EMPTY 2680970000	TRS 24VDC 2CO EMPTY 1123980000	TRZ 24VDC 2CO EMPTY 1124100000
24 V UC	TRP 24VUC 2CO EMPTY 2680980000	TRS 24VUC 2CO EMPTY 1123990000	TRZ 24VUC 2CO EMPTY 1124110000
48 V UC	TRP 48VUC 2CO EMPTY 2680990000	TRS 48VUC 2CO EMPTY 1124000000	TRZ 48VUC 2CO EMPTY 1124120000
60 V UC	TRP 60VUC 2CO EMPTY 2681000000	TRS 60VUC 2CO EMPTY 1124010000	TRZ 60VUC 2CO EMPTY 1124130000
120 V AC RC	TRP 120VAC RC 2CO EMPTY 2681030000	TRS 120VAC RC 2CO EMPTY 1124040000	TRZ 120VAC RC 2CO EMPTY 1124170000
120 V UC	TRP 120VUC 2CO EMPTY 2681010000	TRS 120VUC 2CO EMPTY 1124020000	TRZ 120VUC 2CO EMPTY 1124140000
230 V AC RC	TRP 230VAC RC 2CO EMPTY 268119000		

Solid-state relays

6 mm



Output 0 - 48 V DC - 100 mA Transistor			
	PUSH IN*	Screw*	Tension clamp*
Input			
5 V DC	TOP 5VDC 48VDC0.1A 2614860000	TOS 5VDC 48VDC0.1A 1126920000	TOZ 5VDC 48VDC0.1A 1127030000
12 V DC	TOP 12VDC 48VDC0.1A 2618600000	TOS 12VDC 48VDC0.1A 1126930000	TOZ 12VDC 48VDC0.1A 1127040000
24 V DC	TOP 24VDC 48VDC0.1A 2618790000	TOS 24VDC 48VDC0.1A 1126940000	TOZ 24VDC 48VDC0.1A 1127050000
24 V UC	TOP 24VUC 48VDC0.1A 2618640000	TOS 24VUC 48VDC0.1A 1126950000	TOZ 24VUC 48VDC0.1A 1127060000
48 V UC	TOP 48VUC 48VDC0.1A 2618710000	TOS 48VUC 48VDC0.1A 1126960000	TOZ 48VUC 48VDC0.1A 1127070000
60 V UC	TOP 60VUC 48VDC0.1A 2614880000	TOS 60VUC 48VDC0.1A 1126970000	TOZ 60VUC 48VDC0.1A 1127080000
120 V AC RC	TOP 120VAC RC 48VDC0.1A 2618650000	TOS 120VAC RC 48VDC0.1A 1127000000	TOZ 120VAC RC 48VDC0.1A 1127110000
120 V UC	TOP 120VUC 48VDC0.1A 2618680000	TOS 120VUC 48VDC0.1A 1126980000	TOZ 120VUC 48VDC0.1A 1127090000
230 V AC RC	TOP 230VAC RC 48VDC0.1A 2618620000	TOS 230VAC RC 48VDC0.1A 1127010000	TOZ 230VAC RC 48VDC0.1A 1127120000
230 V UC	TOP 230VUC 48VDC0.1A 2618690000	TOS 230VUC 48VDC0.1A 1126990000	TOZ 230VUC 48VDC0.1A 1127100000
24-230 V UC	TOP 24-230VUC 48VDC0.1A ED2 2663070000	TOS 24-230VUC 48VDC0.1A ED2 2662910000	TOZ 24-230VUC 48VDC0.1A ED2 1127130000

*Qty 10

Output 24 - 240 V AC - 1 A Triac			
	PUSH IN*	Screw*	Tension clamp*
Input			
5 V DC	TOP 5VDC 230VAC1A 2614850000	TOS 5VDC 230VAC1A 1127390000	TOZ 5VDC 230VAC1A 1127510000
12 V DC	TOP 12VDC 230VAC1A 2618380000	TOS 12VDC 230VAC1A 1127400000	TOZ 12VDC 230VAC1A 1127520000
24 V DC	TOP 24VDC 230VAC1A 2618420000	TOS 24VDC 230VAC1A 1127410000	TOZ 24VDC 230VAC1A 1127530000
24 V UC	TOP 24VUC 230VAC1A 2618350000	TOS 24VUC 230VAC1A 1127420000	TOZ 24VUC 230VAC1A 1127540000
48 V UC	TOP 48VUC 230VAC1A 2618460000	TOS 48VUC 230VAC1A 1127430000	TOZ 48VUC 230VAC1A 1127550000
60 V UC	TOP 60VUC 230VAC1A 2618370000	TOS 60VUC 230VAC1A 1127440000	TOZ 60VUC 230VAC1A 1127570000
120 V AC RC	TOP 120VAC RC 230VAC1A 2618390000	TOS 120VAC RC 230VAC1A 1127480000	TOZ 120VAC RC 230VAC1A 1127600000
120 V UC	TOP 120VUC 230VAC1A 2618480000	TOS 120VUC 230VAC1A 1127450000	TOZ 120VUC 230VAC1A 1127580000
230 V AC RC	TOP 230VAC RC 230VAC1A 2618430000	TOS 230VAC RC 230VAC1A 1127490000	TOZ 230VAC RC 230VAC1A 1127610000
230 V UC	TOP 230VUC 230VAC1A 2618450000	TOS 230VUC 230VAC1A 1127470000	TOZ 230VUC 230VAC1A 1127590000
24-230 V UC	TOP 24-230VUC 230VAC1A ED2 2663090000	TOS 24-230VUC 230VAC1A ED2 2662930000	TOZ 24-230VUC 230VAC1A ED2 1127620000

*Qty 10

Output 3 - 33 V DC - 2 A MOS-FET			
	PUSH IN*	Screw*	Tension clamp*
Input			
5 V DC	TOP 5VDC 24VDC2A 2618810000	TOS 5VDC 24VDC2A 1127140000	TOZ 5VDC 24VDC2A 1127270000
12 V DC	TOP 12VDC 24VDC2A 2618820000	TOS 12VDC 24VDC2A 1127150000	TOZ 12VDC 24VDC2A 1127280000
24 V DC	TOP 24VDC 24VDC2A 2618720000	TOS 24VDC 24VDC2A 1127170000	TOZ 24VDC 24VDC2A 1127290000
24 V UC	TOP 24VUC 24VDC2A 2618730000	TOS 24VUC 24VDC2A 1127180000	TOZ 24VUC 24VDC2A 1127300000
48 V UC	TOP 48VUC 24VDC2A 2618760000	TOS 48VUC 24VDC2A 1127190000	TOZ 48VUC 24VDC2A 1127310000
60 V UC	TOP 60VUC 24VDC2A 2618970000	TOS 60VUC 24VDC2A 1127200000	TOZ 60VUC 24VDC2A 1127320000
120 V AC RC	TOP 120VAC RC 24VDC2A 2618660000	TOS 120VAC RC 24VDC2A 1127230000	TOZ 120VAC RC 24VDC2A 1127350000
120 V UC	TOP 120VUC 24VDC2A 2618770000	TOS 120VUC 24VDC2A 1127210000	TOZ 120VUC 24VDC2A 1127330000
230 V AC RC	TOP 230VAC RC 24VDC2A 2618670000	TOS 230VAC RC 24VDC2A 1127240000	TOZ 230VAC RC 24VDC2A 1127370000
230 V UC	TOP 230VUC 24VDC2A 2618800000	TOS 230VUC 24VDC2A 1127220000	TOZ 230VUC 24VDC2A 1127340000
24-230 V UC	TOP 24-230VUC 24VDC2A ED2 2663080000	TOS 24-230VUC 24VDC2A ED2 2662920000	TOZ 24-230VUC 24VDC2A ED2 1127380000

*Qty 10

Solid-state relays

12 mm



Output 3 - 33 V DC - 3,5 A MOS-FET			
	PUSH IN*	Screw*	Tension clamp*
Input			
24 V DC	TOP 24VDC 24VDC3.5A 2618700000	TOS 24VDC 24VDC3.5A 1127630000	TOZ 24VDC 24VDC3.5A 1127650000
24-230 V UC	TOP 24-230VUC 24VDC3.5A ED2 2663100000	TOS 24-230VUC 24VDC3.5A ED2 2662940000	TOZ 24-230VUC 24VDC3.5A ED2 1127670000
Output			
1 NO contact Empty socket			
	PUSH IN*	Screw*	Tension clamp*
Input			
24 V DC	TOP 24VDC EMPTY 2618740000	TOS 24VDC EMPTY 1127720000	TOZ 24VDC EMPTY 1127740000
24-230 V UC	TOP 24-230VUC EMPTY ED2 2663110000	TOS 24-230VUC EMPTY ED2 2662950000	TOZ 24-230VUC EMPTY ED2 1127750000

*Qty 10

*Qty 10

Output 3 - 33 V DC - 5 A MOS-FET			
	PUSH IN*	Screw*	Tension clamp*
Input			
24 V DC	TOP 24VDC 24VDC5A 2618840000	TOS 24VDC 24VDC5A 1990960000	TOZ 24VDC 24VDC5A 1990980000
24-230 V UC	TOP 24-230VUC 24VDC5A ED2 2663150000	TOS 24-230VUC 24VDC5A ED2 2662990000	TOZ 24-230VUC 24VDC5A ED2 1990990000

*Qty 10

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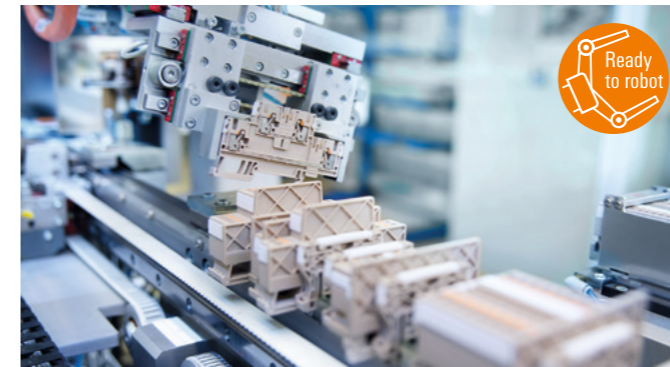
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