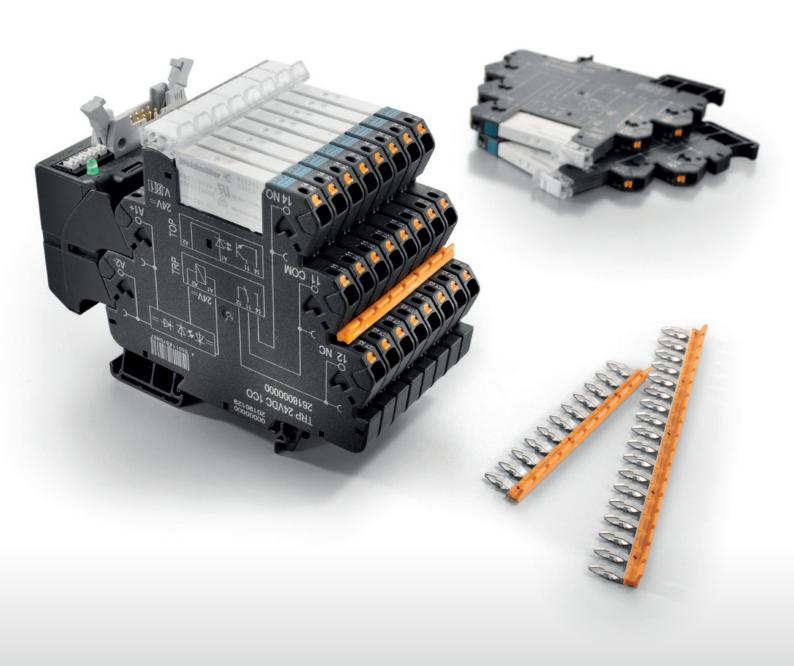
# **TERMSERIES PUSH IN** and TERMSERIES CROSS-CONNECTION





### **Solutions for more productivity**

# Highly flexible design processes – with Klippon® Relay

For more than 40 years, we have specialised in the optimisation of switch 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.































### **Fast wiring of industrial relays**

### **PUSH IN connection for the TERMSERIES**

Relays are used in different industries and applications for isolating and amplifying loads. With a lot of connection points per socket, they have a significant influence on the wiring time during installation. The time required is defined mostly by the connection technology.

With the PUSH IN connection from the TERMSERIES we significantly optimise the wiring time and thanks to the coloured pusher, which prevents incorrect wiring. With the integrated cross-connection option, the sockets can be connected to every potential. For testing purposes, every connection point has an additional test point.













#### Space-saving design

The slim design results is extremely space saving in the control cabinet, thanks to the compact width of 6.4 mm.

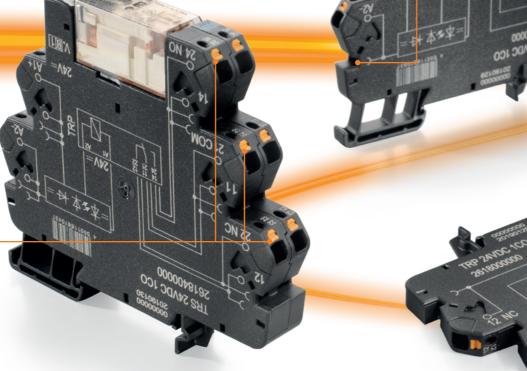
#### **Continuous cross-connectors**

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



#### Integrated, coloured pushers

By simply pressing on the pusher, the contact is opened and the conductor can be removed without any special tools.



**Ejection lever with** 

integrated marker channels

The ejection lever makes it easy

to replace the plugged relays with

integrated holder for Weidmüller



#### Order free product samples

Secure your product sample in our 72-hour service in the online catalogue using the search term TERMSERIES PUSHIN PROMO or order no. 2671460000 and select "Order sample product".











#### **PUSH IN: Technology in detail**

- Quick and safe connection of all conductor types
- · Clear marking of the conductor entry

#### **PUSH IN: Integrated, coloured pusher**

- · Coloured pushers prevent incorrect wiring
- · Simple operation with screwdriver
- Quick opening of the clamping point

#### **PUSH IN: Integrated test and inspection point**

· The integrated test point on each level allows fast, uncomplicated testing with standard test plugs and simplifies maintenance and troubleshooting during operation







# Reliable and durable thanks to highest quality

# Relay modules

Our relay couplers are used in a wide variety of areas and industries. Based on functional excellence, they enable measurable cost reductions, e.g. in warehousing, as well as reduced wiring times and absolute reliability during use.



#### Technical data

Туре	Rated control voltage	Rated switching voltage	Continuous current	Contact type	Width	Order No.
TRP 5VDC 1CO	5 V DC					2614830000
TRP 12VDC 1CO	12 V DC					2618180000
TRP 24VDC 1CO	24 V DC					2618000000
TRP 24VUC 1CO	24 V UC					2618220000
TRP 48VUC 1CO	48 V UC			100		2618240000
TRP 60VUC 1CO	60 V UC			I CU contact (AgNI)		2618140000
TRP 120VUC 1CO	120 V UC					2618010000
TRP 230VUC 1C0	230 V UC					2618050000
TRP 120VAC RC 1CO	120 V AC					2618150000
TRP 230VAC RC 1CO	230 V AC					2618200000
TRP 5VDC 1CO AU	5 V DC				1	2618060000
TRP 12VDC 1CO AU	12 V DC			1 CO contact (AgNi)  1 CO contact (AgNi 5 μm Au)  1 CO contact (AgSnO)  1 NO contact (AgNi)		2618120000
TRP 24VDC 1CO AU	24 V DC					2618110000
TRP 24VUC 1CO AU	24 V UC					2618160000
TRP 48VUC 1CO AU	48 V UC					2618170000
TRP 60VUC 1CO AU	60 V UC		6 A			2618070000
TRP 120VUC 1CO AU	120 V UC					2618080000
TRP 230VUC 1CO AU	230 V UC					2618210000
TRP 120VAC RC 1CO AU	120 V AC					2618030000
TRP 230VAC RC 1CO AU	230 V AC					2617950000
TRP 5VDC 1CO AGSNO	5 V DC	250 V AC			6.4 mm	2614820000
TRP 12VDC 1CO AGSNO	12 V DC					2617860000
TRP 24VDC 1CO AGSNO	24 V DC					2618020000
TRP 24VUC 1CO AGSNO	24 V UC					2617880000
TRP 48VUC 1CO AGSNO	48 V UC			6 A 1 CO contact (AgNi 5 μm Au)  1 CO contact (AgSnO)  1 NO contact (AgNi)		2617890000
TRP 60VUC 1CO AGSNO	60 V UC					2617870000
TRP 120VUC 1CO AGSNO	120 V UC					2617900000
TRP 230VUC 1CO AGSNO	230 V UC					2617830000
TRP 120VAC RC 1CO AGSNO	120 V AC					2617840000
TRP 230VAC RC 1CO AGSNO	230 V AC					2617850000
TRP 24VDC ACT	24 V DC			1 NO contact (AgNi)		2618230000
TRP 5VDC 1CO EMPTY	5 V DC					2614870000
TRP 12VDC 1CO EMPTY	12 V DC					2618930000
TRP 24VDC 1C0 EMPTY	24 V DC					2618870000
TRP 24VUC 1CO EMPTY	24 V UC					2618910000
TRP 48VUC 1CO EMPTY	48 V UC		10.4	1 CO contact , ampty cocket		2618920000
TRP 60VUC 1CO EMPTY	60 V UC		IU A	1 GO COMBACT - EMPLY SOCKET		2618900000
TRP 120VUC 1CO EMPTY	120 V UC					2618950000
TRP 230VUC 1CO EMPTY	230 V UC					2618960000
TRP 120VAC RC 1CO EMPTY	120 V AC					2618880000
TRP 230VAC RC 1CO EMPTY	230 V AC					2618890000



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#### Technical data

Туре	Rated control voltage	Rated switching voltage	Continuous current	Contact type	Width	Order No.
TRP 5VDC 1CO 16A	5 V DC					2618130000
TRP 12VDC 1CO 16A	12 V DC					2618040000
TRP 24VDC 1CO 16A	24 V DC					2618100000
TRP 24VUC 1CO 16A	24 V UC					2617910000
TRP 48VUC 1CO 16A	48 V UC			1 CO contact (AqNi)		2617960000
TRP 60VUC 1CO 16A	60 V UC		16 A	i co comaci (Agivi)		2617970000
TRP 120VUC 1CO 16A	120 V UC		IDA			2618280000
TRP 230VUC 1CO 16A	230 V UC					2618260000
TRP 120VAC RC 1CO 16A	120 V AC					2618270000
TRP 230VAC RC 1CO 16A	230 V AC	<del></del>				2618190000
TRP 24VDC 1NO HC	24 V DC	<del></del>		1 NO contact (AgSnO)	1	2618090000
TRP 24VDC 1NO HCP	24 V DC	<del></del>			1	2617930000
TRP 5VDC 2CO	5 V DC	_			1	2614840000
TRP 12VDC 2CO	12 V DC	<del></del>			12.8 mm	2618550000
TRP 24VDC 2CO	24 V DC					2618400000
TRP 24VUC 2CO	24 V UC			2 CO contact (AgNi)		2618320000
TRP 48VUC 2CO	48 V UC	<del></del>		0.00		2618520000
TRP 60VUC 2CO	60 V UC	<del></del>		2 CU contact (AgNi)		2618290000
TRP 120VUC 2C0	120 V UC	<del></del>				2618570000
TRP 230VUC 2C0	230 V UC	<del></del>				2618440000
TRP 120VAC RC 2CO	120 V AC	0501/40				2618470000
TRP 230VAC RC 2CO	230 V AC	250 V AC				2618330000
TRP 5VDC 2CO AU	5 V DC					2618580000
TRP 12VDC 2CO AU	12 V DC					2618310000
TRP 24VDC 2CO AU	24 V DC					2618530000
TRP 24VUC 2CO AU	24 V UC			1 NO contact (AgSnO2 + W)  2 CO contact (AgNi)		2618540000
TRP 48VUC 2CO AU	48 V UC				2618560000	
TRP 60VUC 2CO AU	60 V UC		8 A			2618360000
TRP 120VUC 2CO AU	120 V UC					2618590000
TRP 230VUC 2CO AU	230 V UC					2618300000
TRP 120VAC RC 2CO AU	120 V AC					2618490000
TRP 230VAC RC 2CO AU	230 V AC					2618500000
TRP 5VDC 2C0 EMPTY	5 V DC				1	2680850000
TRP 12VDC 2CO EMPTY	12 V DC					2680960000
TRP 24VDC 2CO EMPTY	24 V DC					2680970000
TRP 24VUC 2CO EMPTY	24 V UC	_				2680980000
TRP 48VUC 2CO EMPTY	48 V UC			0.00		2680990000
TRP 60VUC 2CO EMPTY	60 V UC			2 CO contact - empty socket		2681000000
TRP 120VUC 2C0 EMPTY	120 V UC					2681010000
TRP 230VUC 2C0 EMPTY	230 V UC					2681020000
TRP 120VAC RC 2C0 EMPTY	120 V AC					2681030000
TRP 230VAC RC 2C0 EMPTY	230 V AC					2681190000

### **Maximum efficiency and productivity**

### Solid-state relays

With our extensive portfolio in this segment, we offer our customers a wide range of compact, durable, wear-free, noiseless and vibration-resistant solid-state relays.



#### Technical data

Туре	Rated control voltage	Rated switching voltage	Continuous current	Contact type	Width	Order No.
TOP 5VDC 48VDC0,1A	5 V DC					2614860000
TOP 12VDC 48VDCO,1A	12 V DC					2618600000
TOP 24VDC 48VDCO,1A	24 V DC					2618790000
TOP 24VUC 48VDCO,1A	24 V UC					2618640000
TOP 48VUC 48VDCO,1A	48 V UC	048	100 4	1 NO contact		2618710000
TOP 60VUC 48VDCO,1A	60 V UC	V DC	TUU MA	(Bipolar transistor)		2614880000
TOP 120VUC 48VDC0,1A	120 V UC					2618680000
TOP 230VUC 48VDC0,1A	230 V UC					2618690000
TOP 120VAC RC 48VDC0,1A	120 V AC					2618650000
TOP 230VAC RC 48VDC0,1A	230 V AC			(Bipolar transistor)  1 NO contact (MOS-FET)		2618620000
TOP 5VDC 24VDC2A	5 V DC					2618810000
TOP 12VDC 24VDC2A	12 V DC					2618820000
TOP 24VDC 24VDC2A	24 V DC	333 1 NO contact		2618720000		
TOP 24VUC 24VDC2A	24 V UC		2 A		6.4 mm	2618730000
TOP 48VUC 24VDC2A	48 V UC	2.22				2618760000
TOP 60VUC 24VDC2A	60 V UC					2618970000
TOP 120VUC 24VDC2A	120 V UC	V DC				2618770000
TOP 230VUC 24VDC2A	230 V UC					2618800000
TOP 120VAC RC 24VDC2A	120 V AC					2618660000
TOP 230VAC RC 24VDC2A	230 V AC				-	2618670000
TOP 24VDC ACT	24 V DC					2618750000
TOP 5VDC 230VAC1A	5 V DC					2614850000
TOP 12VDC 230VAC1A	12 V DC		2 A 1 NO contact (MOS-FET)  VAC 1 A 1 NO contact (Triac (zero-cross switch))		2618380000	
TOP 24VDC 230VAC1A	24 V DC				2618420000	
TOP 24VUC 230VAC1A	24 V UC					2618350000
TOP 48VUC 230VAC1A	48 V UC	24 240 V AC	1.4	1 NO contact		2618460000
TOP 60VUC 230VAC1A	60 V UC	24240 V AC	I A	(Triac (zero-cross switch))		2618370000
TOP 120VUC 230VAC1A	120 V UC					2618480000
TOP 230VUC 230VAC1A	230 V UC					2618450000
TOP 120VAC RC 230VAC1A	120 V AC					2618390000
TOP 230VAC RC 230VAC1A	230 V AC					2618430000
TOP 24VDC 24VDC3,5A	24 V DC	2 22	3.5 A	1 NO sentent (MOC FET)		2618700000
TOP 24VDC 24VDC5A	24 V DC	333	F.A.	I NU contact (MUS-FET)	12.8 mm	2618840000
TOP 24VDC EMPTY	24 V DC	V DC	5 A	1 NO contact - empty socket	7	2618740000



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# The ideal support for your daily work

### **Accessories**

In addition to our relay modules and solid-state relays, we offer the right accessories to help our customers do their job faster, easier and better.

#### **Supply Terminal**

Туре	Reference	Order No.
TXP SUPPLY	10 A	2618940000



#### Interface Adapter

Туре	Plug type	Signale / socket width	Order No.
TIA F10	10-pole falt cable	8 / 6.4 mm	1463520000
TIA SUBD 15S	15-pole D-SUB	8 / 6.4 mm	1463530000
TIAL F10	10-pole falt cable	8 / 12.8 mm	1463540000
TIAL F20	20-pole falt cable	16 / 6.4 mm	1463550000



#### Partitions plates

Туре	Reference	Order No.
TW TXS/TXZ R3.2	Partitions plates 3.2 mm pitch	1240800000



#### Markers

Туре	Reference	BestNr.
WS 10/6 M MC NE WS	for 6.4 mm socket	1818400000
WS 10/12 MC NE WS	for 12.8 mm socket	1905970000



#### Screwdriver

Туре	Reference	Order No.
SDS 0.4X2.0X60	uninsulated	9037160000
SDIS 0.4X2.0X60	VDE isulated	9205690000



### 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.







for more information

### Visit our online catalogue

#### **TERMSERIES CROSS-CONNECTION in detail**

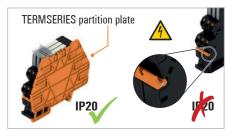
- An additional bar also supports gripping and mounting without having to reach for the contacts
- Shortening of the cross-connection to the required length is very simple and allows notches to be made between the poles
- 2/10/51 poles for 6.4 mm version
- 26 poles for 12.8 mm version
- Rated current 17 A











#### discontinued model

		_		
Туре	Colour	No. of poles	Pitch	Order No.
ZQV 1.5N/R6.4/2 BL		2	6.4 mm	1446140000
ZQV 1.5N/R6.4/2 GE		2	6.4 mm	1193670000
ZQV 1.5N/R6.4/2 RT		2	6.4 mm	1446090000
ZQV 1.5N/R6.4/2 SW	•	2	6.4 mm	1446040000
ZQV 1.5N/R6.4/10 BL	•	10	6.4 mm	1390350000
ZQV 1.5N/R6.4/10 GE	•	10	6.4 mm	1193680000
ZQV 1.5N/R6.4/10 RT	•	10	6.4 mm	1391640000
ZQV 1.5N/R6.4/10 SW	•	10	6.4 mm	1391630000
ZQV 1.5N/R6.4/19 BL	•	19	6.4 mm	1391620000
ZQV 1.5N/R6.4/19 GE	•	19	6.4 mm	1193690000
ZQV 1.5N/R6.4/19 RT	•	19	6.4 mm	1391610000
ZQV 1.5N/R6.4/19 SW	•	19	6.4 mm	1391600000
ZQV 1.5N/R12.8/10 BL	•	10	12.8 mm	1445970000
ZQV 1.5N/R12.8/10 GE	•	10	12.8 mm	1193700000
ZQV 1.5N/R12.8/10 RT	•	10	12.8 mm	1445950000
ZQV 1.5N/R12.8/10 SW	•	10	12.8 mm	1445940000

#### **New version**

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

#### Weidmüller - Your partner in Industrial Connectivity.

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs. Together we set standards in Industrial Connectivity

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