

Klippon® Relay

Universal range

Solutions for more productivity



Rely on the right one

Electromechanical relay modules from Weidmüller

Introduction

When selecting a relay module, there is a risk of incorrect dimensioning of the loads or signals to be switched. This can lead to malfunction or premature loss of the relay module. This brochure is intended to help you select the appropriate relay for each load or signal you wish to switch.

Selection guide for electromechanical relay modules

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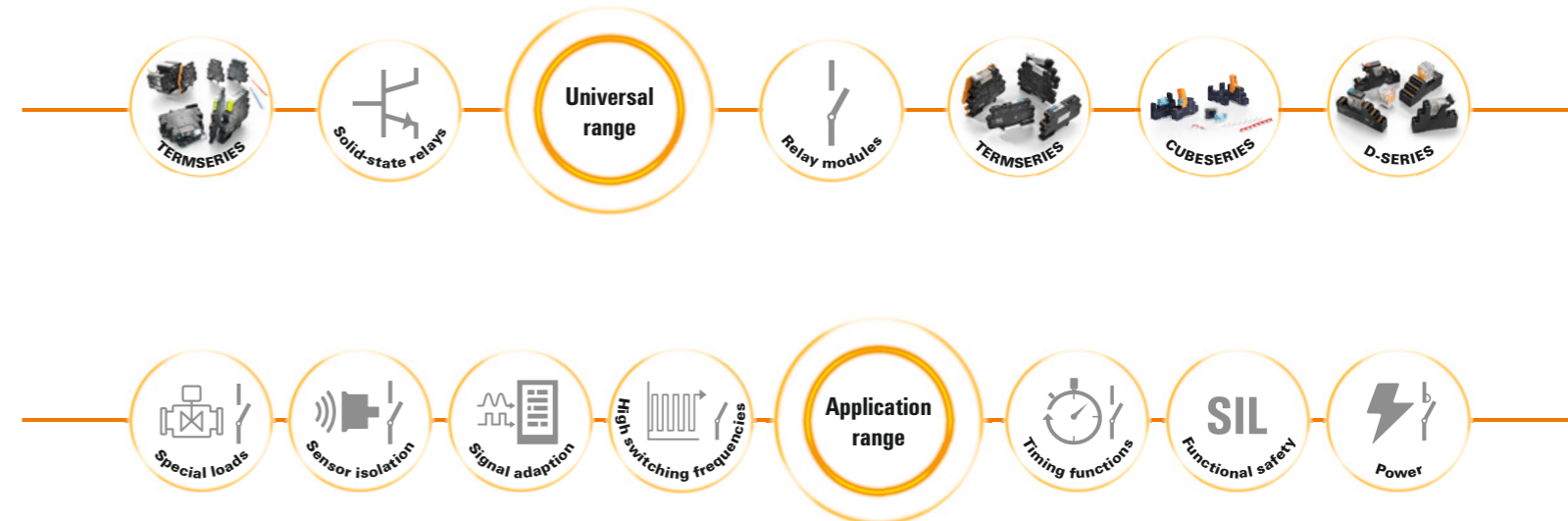
Solutions for more productivity

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.



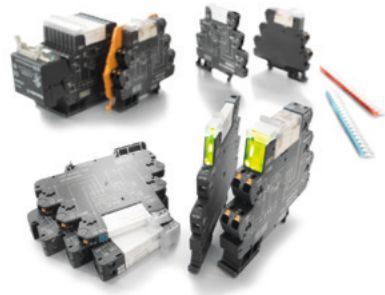
In our application range, you will find a tailor-made portfolio of products to increase your productivity and safety for various fields of application.



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

Reliable switching of industrial loads and safe separation and multiplication of signals

With our high-performance relay modules and solid-state relays



TERMSERIES

The all-rounder. Modular relay modules from 6 mm width with extensive accessories, large selection of variants and unlimited cross-connection possibilities.

Visit our online catalogue for more information



TERMSERIES-compact

Ultra-compact relay modules from the TERMSERIES-compact with soldered relays, the smart all-rounders with a particularly low profile and extensive accessories.

Visit our online catalogue for more information



CUBESERIES

Universal relay modules in various designs and with a wide range of accessories for a variety of applications.

Visit our online catalogue for more information



Reliable switching of power and signals

Find the right relay in three simple steps.

Visit our relays selector and find the right relay



Universal range

Relay modules and solid-state relays for every application

Machinery and plant engineering is full of challenges. One of these challenges is the selection of suitable relay products. A wide range of highly flexible modules are needed here that can satisfy a variety of different requirements.

As a full-range supplier in the field of relay modules, we provide you with a broad, varied and high-quality relay portfolio with products from the TERMSERIES, TERMSERIES-compact and CUBESERIES. In addition, we offer KITS for signal isolation, amplification and multiplication. They are distinguished by particularly high reliability and durability and are available in various designs. In addition to our products, we offer you a wide range of comprehensive services and guidelines. This also includes our services for data support as well as for the digital availability of product data, with which we make your entire planning cycle easier.

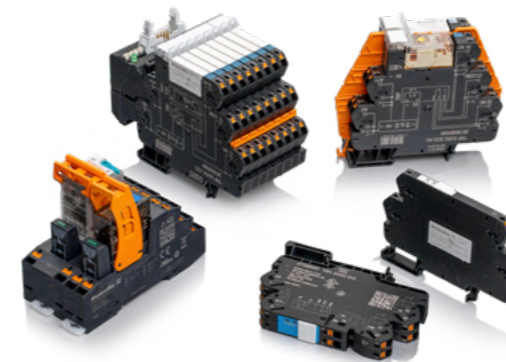
Our relay modules are used in automation technology as well as in many other areas and industries for galvanic isolation. They are available with different types of contact such as NO contact, NC contact and CO contact and, due to their functional excellence, they provide measurable cost reductions for storage, installation and operation.

Relay modules

For switching and amplifying digital signals in automation technology and for galvanic isolation

Solid-state relays

For wear-free switching and amplification of digital signals in automation engineering

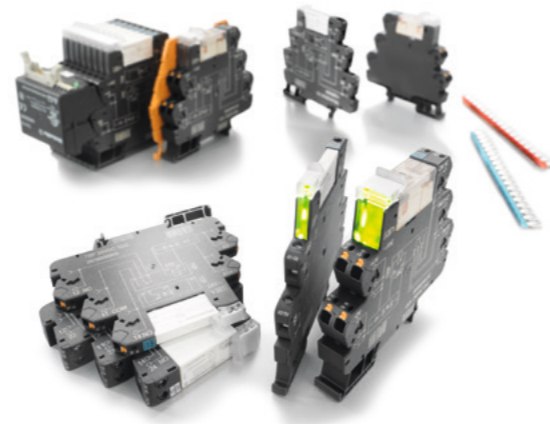


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www.weidmueller.com/klipponrelay



TERMSERIES

The all-rounders in a terminal block format



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.



Space-saving design

The slim design with compact widths from 6.4 mm provides noticeable space savings in the panel.



Unique multi-voltage input

The input allows controlling with voltages from 24 to 230 V AC/DC in one device. This reduces the number of required part numbers and makes retrofiting easier.



Multi-functional ejection lever

The ejection lever allows the plugged-in relays to be replaced easily. It is also used to hold markers and has a status LED that illuminates the entire ejector.

Solid-state relays – 6,4 mm

| Type | Rated control voltage | Contact type | Output | Connection | Qty | Order No. |
|-----------------------------|-----------------------|--------------|----------------------|------------------|-----|------------|
| TOP 24VDC 48VDC0.1A | 24 V DC | 1 NO contact | 0 - 48 V DC - 100 mA | PUSH IN | 10 | 2618790000 |
| TOP 24VDC 24VDC2A | 24 V DC | 1 NO contact | 3 - 33 V DC - 2 A | PUSH IN | 10 | 2618720000 |
| TOP 24VDC 230VAC1A | 24 V DC | 1 NO contact | 24 - 240 V AC - 1 A | PUSH IN | 10 | 2618420000 |
| TOP 230VAC RC 48VDC0.1A | 230 V AC RC | 1 NO contact | 0 - 48 V DC - 100 mA | PUSH IN | 10 | 2618620000 |
| TOP 230VAC RC 24VDC2A | 230 V AC RC | 1 NO contact | 3 - 33 V DC - 2 A | PUSH IN | 10 | 2618670000 |
| TOP 24-230VUC 48VDC0.1A ED2 | 24-230 VUC | 1 NO contact | 0 - 48 V DC - 100 mA | PUSH IN | 10 | 2663070000 |
| TOP 24-230VUC 24VDC2A ED2 | 24-230 VUC | 1 NO contact | 3 - 33 V DC - 2 A | PUSH IN | 10 | 2663080000 |
| TOP 24-230VUC 230VAC1A ED2 | 24-230 VUC | 1 NO contact | 24 - 240 V AC - 1 A | PUSH IN | 10 | 2663090000 |
| TOS 24VDC 48VDC0.1A | 24 V DC | 1 NO contact | 0 - 48 V DC - 100 mA | Screw connection | 10 | 1126940000 |
| TOS 24VDC 24VDC2A | 24 V DC | 1 NO contact | 3 - 33 V DC - 2 A | Screw connection | 10 | 1127170000 |
| TOS 24VDC 230VAC1A | 24 V DC | 1 NO contact | 24 - 240 V AC - 1 A | Screw connection | 10 | 1127410000 |
| TOS 230VAC RC 48VDC0.1A | 230 V AC RC | 1 NO contact | 0 - 48 V DC - 100 mA | Screw connection | 10 | 1127010000 |
| TOS 230VAC RC 24VDC2A | 230 V AC RC | 1 NO contact | 3 - 33 V DC - 2 A | Screw connection | 10 | 1127240000 |
| TOS 24-230VUC 48VDC0.1A ED2 | 24-230 VUC | 1 NO contact | 0 - 48 V DC - 100 mA | Screw connection | 10 | 2662910000 |
| TOS 24-230VUC 24VDC2A ED2 | 24-230 VUC | 1 NO contact | 3 - 33 V DC - 2 A | Screw connection | 10 | 2662920000 |
| TOS 24-230VUC 230VAC1A ED2 | 24-230 VUC | 1 NO contact | 24 - 240 V AC - 1 A | Screw connection | 10 | 2662930000 |

Solid-state relays – 12,8 mm

| Type | Rated control voltage | Contact type | Output | Connection | Qty | Order No. |
|---------------------------|-----------------------|--------------|-------------------|------------------|-----|------------|
| TOP 24VDC 24VDC5A | 24 V DC | 1 NO contact | 3 - 33 V DC - 5 A | PUSH IN | 10 | 2618840000 |
| TOP 24-230VUC 24VDC5A ED2 | 24-230 VUC | 1 NO contact | 3 - 33 V DC - 5 A | PUSH IN | 10 | 2663150000 |
| TOS 24VDC 24VDC5A | 24 V DC | 1 NO contact | 3 - 33 V DC - 5 A | Screw connection | 10 | 1990960000 |
| TOS 24-230VUC 24VDC5A ED2 | 24-230 VUC | 1 NO contact | 3 - 33 V DC - 5 A | Screw connection | 10 | 2662990000 |

Relays modules – 6,4 mm

| Type | Rated control voltage | Contact type | Continuous current | Connection | Qty | Order No. |
|--------------------------|-----------------------|--------------|--------------------|------------------|-----|------------|
| TRP 24VDC 1CO | 24 V DC | 1 CO contact | 6 A | PUSH IN | 10 | 2618000000 |
| TRP 24VDC 1CO AU | 24 V DC | 1 CO contact | 6 A | PUSH IN | 10 | 2618110000 |
| TRP 230VAC RC 1CO | 230 V AC RC | 1 CO contact | 6 A | PUSH IN | 10 | 2618200000 |
| TRP 230VAC RC 1CO AU | 230 V AC RC | 1 CO contact | 6 A | PUSH IN | 10 | 2617950000 |
| TRP 24-230VUC 1CO ED2 | 24-230 VUC | 1 CO contact | 6 A | PUSH IN | 10 | 2663010000 |
| TRP 24-230VUC 1CO AU ED2 | 24-230 VUC | 1 CO contact | 6 A | PUSH IN | 10 | 2663020000 |
| TRS 24VDC 1CO | 24 V DC | 1 CO contact | 6 A | Screw connection | 10 | 1122770000 |
| TRS 24VDC 1CO AU | 24 V DC | 1 CO contact | 6 A | Screw connection | 10 | 1123000000 |
| TRS 230VAC RC 1CO | 230 V AC RC | 1 CO contact | 6 A | Screw connection | 10 | 1122840000 |
| TRS 230VAC RC 1CO AU | 230 V AC RC | 1 CO contact | 6 A | Screw connection | 10 | 1123080000 |
| TRS 24-230VUC 1CO ED2 | 24-230 VUC | 1 CO contact | 6 A | Screw connection | 10 | 2662850000 |
| TRS 24-230VUC 1CO AU ED2 | 24-230 VUC | 1 CO contact | 6 A | Screw connection | 10 | 2662860000 |

Relay modules with test button – 6,4 mm

| Type | Rated control voltage | Contact type | Continuous current | Connection | Qty | Order No. |
|-----------------------------------|-----------------------|-------------------------------|--------------------|------------------|-----|------------|
| TRP 24VDC 1CO AGSNO PB | 24 V DC | 1 CO contact with test button | 6 A | PUSH IN | 10 | 2855800000 |
| TRP 24-230VUC 1CO AGSNO ED2 PB | 24 - 230 V UC | 1 CO contact with test button | 6 A | PUSH IN | 10 | 2855910000 |
| TRP 24VDC 1CO AGSNO AU PB | 24 V DC | 1 CO contact with test button | 6 A | PUSH IN | 10 | 2855830000 |
| TRP 24-230VUC 1CO AGSNO AU ED2 PB | 24 - 230 V UC | 1 CO contact with test button | 6 A | PUSH IN | 10 | 2855900000 |
| TRP 24VDC ACT PB | 24 V DC | 1 NO contact with test button | 6 A | PUSH IN | 10 | 2855840000 |
| TRS 24VDC 1CO AGSNO PB | 24 V DC | 1 CO contact with test button | 6 A | Screw connection | 10 | 2855870000 |
| TRS 24-230VUC 1CO AGSNO ED2 PB | 24 - 230 V UC | 1 CO contact with test button | 6 A | Screw connection | 10 | 2855930000 |
| TRS 24VDC 1CO AGSNO AU PB | 24 V DC | 1 CO contact with test button | 6 A | Screw connection | 10 | 2855860000 |
| TRS 24-230VUC 1CO AGSNO AU ED2 PB | 24 - 230 V UC | 1 CO contact with test button | 6 A | Screw connection | 10 | 2855920000 |
| TRS 24VDC ACT PB | 24 V DC | 1 NO contact with test button | 6 A | Screw connection | 10 | 2855850000 |

Relays modules – 12,8 mm

| Type | Rated control voltage | Contact type | Continuous current | Connection | Qty | Order No. |
|---------------------------|-----------------------|--------------|--------------------|------------------|-----|------------|
| TRP 24VDC 2CO | 24 V DC | 2 CO contact | 8 A | PUSH IN | 10 | 2618400000 |
| TRP 24VDC 2CO AU | 24 V DC | 2 CO contact | 8 A | PUSH IN | 10 | 2618530000 |
| TRP 24VDC 1CO 16A | 24 V DC | 1 CO contact | 16 A | PUSH IN | 10 | 2618100000 |
| TRP 230VAC RC 2CO | 230 V AC RC | 2 CO contact | 8 A | PUSH IN | 10 | 2618330000 |
| TRP 230VAC RC 2CO AU | 230 V AC RC | 2 CO contact | 8 A | PUSH IN | 10 | 2618500000 |
| TRP 230VAC RC 1CO 16A | 230 V AC RC | 1 CO contact | 16 A | PUSH IN | 10 | 2618190000 |
| TRP 24-230VUC 2CO ED2 | 24-230 VUC | 2 CO contact | 8 A | PUSH IN | 10 | 2663040000 |
| TRP 24-230VUC 2CO AU ED2 | 24-230 VUC | 2 CO contact | 8 A | PUSH IN | 10 | 2663050000 |
| TRP 24-230VUC 1CO 16A ED2 | 24-230 VUC | 1 CO contact | 16 A | PUSH IN | 10 | 2618190000 |
| TRS 24VDC 2CO | 24 V DC | 2 CO contact | 8 A | Screw connection | 10 | 1123490000 |
| TRS 24VDC 2CO AU | 24 V DC | 2 CO contact | 8 A | Screw connection | 10 | 1123730000 |
| TRS 24VDC 1CO 16A | 24 V DC | 1 CO contact | 16 A | Screw connection | 10 | 1479680000 |
| TRS 230VAC RC 2CO | 230 V AC RC | 2 CO contact | 8 A | Screw connection | 10 | 1123570000 |
| TRS 230VAC RC 2CO AU | 230 V AC RC | 2 CO contact | 8 A | Screw connection | 10 | 1123810000 |
| TRS 230VAC RC 1CO 16A | 230 V AC RC | 1 CO contact | 16 A | Screw connection | 10 | 1479760000 |
| TRS 24-230VUC 2CO ED2 | 24-230 VUC | 2 CO contact | 8 A | Screw connection | 10 | 2662880000 |
| TRS 24-230VUC 2CO AU ED2 | 24-230 VUC | 2 CO contact | 8 A | Screw connection | 10 | 2662890000 |
| TRS 24-230VUC 1CO 16A ED2 | 24-230 VUC | 1 CO contact | 16 A | Screw connection | 10 | 2662960000 |

Actor variant – 6,4 mm

| Type | Rated control voltage | Contact type | Continuous current | Connection | Qty | Order No. |
|---------------|-----------------------|--------------|--------------------|------------|-----|------------|
| TRP 24VDC ACT | 24 V DC | 1 NO contact | 6 A | PUSH IN | 10 | 2618230000 |
| TRS 24VDC ACT | 24 V DC | 1 NO contact | 6 A | Screw | 10 | 1381900000 |
| TOP 24VDC ACT | 24 V DC | 1 NO contact | 2 A | PUSH IN | 10 | 2618750000 |
| TOS 24VDC ACT | 24 V DC | 1 NO contact | 2 A | Screw | 10 | 1391680000 |

You will find further products and suitable accessories in the online catalogue



Application range

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

You can also find the TERMSERIES in



TERMSERIES-compact

Universal relay with maximum vibration resistance



To achieve maximum machine and system availability, many relays must also function reliably in environments with strong vibrations. In addition, compact modules for flat control cabinets are required. TERMSERIES-compact fulfils both demands.

The new, ultra-compact complete modules round out the TERMSERIES family. Their relays are integral, which makes them particularly vibration-proof. Due to the slim and, above all, flat design, they can be installed anywhere. And since they have the same contours as the tried-and-tested TERMSERIES, all the accessories of the series can be used – for cross-connections, for example. In this way, comprehensive complete solutions can be realised with the 100 % function-tested relay modules.



Universal applicability

Can be used in a wide range of applications thanks to different versions and a variety of input voltages. Multi-voltage input of the TERMSERIES with 24-230 V UC and 12-60 V UC available for the first time in an extremely compact design.



High efficiency and user-friendliness

PUSH IN connection technology and coloured pushers make wiring 75 % faster and considerably safer. Coloured accents for input voltages, easy-to-read part numbers, and integrated test taps facilitate maintenance.



Comprehensive digital support

Digital provision of all data for WMC, Eplan, CAD, and tender texts according to E-Class and ETIM standards. Convenient data support via QR code on the side of the enclosure – with link to the data sheet. Support of digital twins.

Relay modules – 6,4 mm

| Type | Control side | Contact type / Version | Load side | Clamping range min./max. | Qty | Order No. |
|--------------------|---------------|------------------------|----------------|----------------------------|-----|------------|
| TRPL 5VDC 1NO | 5 V DC | 1 NO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2774040000 |
| TRPL 5VDC 1CO | 5 V DC | 1 CO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2774030000 |
| TRPL 24VUC 1NO | 24 V UC | 1 NO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773980000 |
| TRPL 24VUC 1CO | 24 V UC | 1 CO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773970000 |
| TRPL 24VDC 1NO | 24 V DC | 1 NO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773920000 |
| TRPL 24VDC 1CO | 24 V DC | 1 CO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773890000 |
| TRPL 24-230VUC 1NO | 24 - 230 V UC | 1 NO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773870000 |
| TRPL 24-230VUC 1CO | 24 - 230 V UC | 1 CO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773860000 |
| TRPL 230VAC 1NO | 230 V AC | 1 NO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773840000 |
| TRPL 230VAC 1CO | 230 V AC | 1 CO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773830000 |
| TRPL 120VAC 1NO | 120 V AC | 1 NO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773810000 |
| TRPL 120VAC 1CO | 120 V AC | 1 CO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773800000 |
| TRPL 12-60VUC 1NO | 12 - 60 V UC | 1 NO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773780000 |
| TRPL 12-60VUC 1CO | 12 - 60 V UC | 1 CO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773770000 |

Relay modules and solid-state relays with fuse – 6,4 mm

| Type | Control side | Contact type / Version | Load side | Clamping range min./max. | Qty | Order No. |
|----------------------|--------------|------------------------|-------------------|----------------------------|-----|------------|
| TRPL 24VDC 1NO F | 24 V DC | 1 NO contact with fuse | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773930000 |
| TOPL 24VDC 48VDC2A F | 24 V DC | 1 NO contact with fuse | 5 - 48 V DC / 2 A | 0,14 - 2,5 mm ² | 10 | 2773680000 |

Relay modules – 12,8 mm

| Type | Control side | Contact type / Version | Load side | Clamping range min./max. | Qty | Order No. |
|--------------------|--------------|------------------------|----------------|----------------------------|-----|------------|
| TRPL 5VDC 2CO | 5 V DC | 2 CO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2774050000 |
| TRPL 24VUC 2CO | 24 V UC | 2 CO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773990000 |
| TRPL 24VDC 2CO | 24 V DC | 2 CO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773960000 |
| TRPL 24-230VUC 2CO | 24-230 V UC | 2 CO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773880000 |
| TRPL 230VAC 2CO | 230 V AC | 2 CO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773850000 |
| TRPL 120VAC 2CO | 120 V AC | 2 CO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773820000 |
| TRPL 12-60VUC 2CO | 12-60 V UC | 2 CO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773790000 |

Relay modules and solid-state relays for railway industry – 6,4 mm

| Type | Control side | Contact type / Version | Load side | Clamping range min./max. | Qty | Order No. |
|-----------------------------------|---------------|-----------------------------------|-----------------------|----------------------------|-----|------------|
| TRPL 24VDC 1NO TRAK | 24 V DC | 1 NO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773940000 |
| TRPL 24VDC 1CO TRAK | 24 V DC | 1 CO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773910000 |
| TRPL 24VDC 1CO AU TRAK | 24 V DC | 1 CO contact / with gold contacts | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2773900000 |
| TRPL 48-110VDC 1NO TRAK | 48 - 110 V DC | 1 NO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2774020000 |
| TRPL 48-110VDC 1CO TRAK | 48 - 110 V DC | 1 CO contact | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2774010000 |
| TRPL 48-110VDC 1CO AU TRAK | 48 - 110 V DC | 1 CO contact / with gold contacts | 250 V AC / 6 A | 0,14 - 2,5 mm ² | 10 | 2774000000 |
| TOPL 24-110VDC 5-110VDC0.02A TRAK | 24 - 110 V DC | 1 NO contact / solid-state output | 5 - 110 V DC / 0,02 A | 0,14 - 2,5 mm ² | 10 | 2773600000 |

Solid-state relays – 6,4 mm

| Type | Control side | Contact type / Version | Load side | Clamping range min./max. | Qty | Order No. |
|-----------------------|--------------|------------------------|-----------------------|----------------------------|-----|------------|
| TOPL 5VDC 48VDC0.5A | 5 V DC | 1 NO contact | 5 - 48 V DC / 0,5 A | 0,14 - 2,5 mm ² | 10 | 2773760000 |
| TOPL 5VDC 230VAC0.1A | 5 V DC | 1 NO contact | 12 - 230 V AC / 0,1 A | 0,14 - 2,5 mm ² | 10 | 2773750000 |
| TOPL 24VDC 48VDC0.5A | 24 V DC | 1 NO contact | 5 - 48 V DC / 0,5 A | 0,14 - 2,5 mm ² | 10 | 2773670000 |
| TOPL 24VDC 230VAC0.1A | 24 V DC | 1 NO contact | 12 - 230 V AC / 0,1 A | 0,14 - 2,5 mm ² | 10 | 2773630000 |
| TOPL 24VUC 230VAC0.1A | 24 V UC | 1 NO contact | 12 - 230 V AC / 0,1 A | 0,14 - 2,5 mm ² | 10 | 2773710000 |
| TOPL 24VUC 48VDC0.5A | 24 V UC | 1 NO contact | 5 - 48 V DC / 0,5 A | 0,14 - 2,5 mm ² | 10 | 2773720000 |
| TOPL 24VDC 48VDC4A | 24 V DC | 1 NO contact | 5 - 48 V DC / 4 A | 0,14 - 2,5 mm ² | 10 | 2773650000 |
| TOPL 5-24VDC 48VDC4A | 5-24 V DC | 1 NO contact | 5 - 48 V DC / 4 A | 0,14 - 2,5 mm ² | 10 | 2773730000 |



Order free product samples

Secure your product sample in our 72-hour service in the online catalogue using the search term TERMSERIES-compact PROMO or order no. 2899000000 and select "Order sample product".

You will find further products and suitable accessories in the online catalogue

CUBESERIES

Industrial relay modules made in Europe



The CUBESERIES relay modules from Europe reliably switch small loads, decouple system parts and multiply signals in machine building as well as in process and energy technology. They impress with their durability and robust design.

They also offer relay modules with the contact types 1 CO (16 A) and 2 CO (8 A) from 15.6 mm width, as well as with 2 CO (12 A) and 4 CO (7 A) from 27 mm width. The relay sockets with PUSH IN and various cross-connections enable simple wiring, optimised for use in industrial automation.



International approvals

The internationally required cURus and CSA approvals enable use in systems for the American and Canadian markets.



Relay modules from 15.6 mm width

CUBESERIES offers relay modules from 15.6 mm width with the contact versions 1 changeover contact (16 A) and 2 changeover contacts (8 A), as well as from 27 mm width with 2 changeover contacts (12 A) and 4 changeover contacts (7 A).



Pre-assembled complete modules

The CUBESERIES KITS consist of a relay, a socket, a retaining clip and a status indicator. They are 100% functionally tested and save installation time and storage space.

Find more information in our KIT flyer

CRI Relays - 16 mm

| Type | Rated control voltage | Test button | Continuous current | Qty | Order No. |
|----------------------------|-----------------------|-------------|--------------------|-----|------------|
| 1 CO contact - 16 A | | | | | |
| CRI10024 | 24 V DC | | 16 A | 10 | 3052290000 |
| CRI10524 | 24 V AC | | 16 A | 10 | 3052320000 |
| CRI10615 | 115 V AC | | 16 A | 10 | 3052330000 |
| CRI10730 | 230 V AC | | 16 A | 10 | 3052340000 |
| CRI10024T | 24 V DC | ● | 16 A | 10 | 3052360000 |
| CRI10524T | 24 V AC | ● | 16 A | 10 | 3052390000 |
| CRI10615T | 115 V AC | ● | 16 A | 10 | 3052400000 |
| CRI10730T | 230 V AC | ● | 16 A | 10 | 3052410000 |
| 2 CO contact - 8 A | | | | | |
| CRI20024 | 24 V DC | | 8 A | 10 | 3052430000 |
| CRI20524 | 24 V AC | | 8 A | 10 | 3052460000 |
| CRI20615 | 115 V AC | | 8 A | 10 | 3052470000 |
| CRI20730 | 230 V AC | | 8 A | 10 | 3052490000 |
| CRI20024T | 24 V DC | ● | 8 A | 10 | 3052510000 |
| CRI20524T | 24 V AC | ● | 8 A | 10 | 3052540000 |
| CRI20615T | 115 V AC | ● | 8 A | 10 | 3052550000 |
| CRI20730T | 230 V AC | ● | 8 A | 10 | 3052560000 |

Socket with PUSH IN connection

| Type | Contact type | Continuous current | Width | Qty | Order No. |
|-----------|--------------|--------------------------|-------|-----|------------|
| CSI P 2CO | 2 CO contact | 1 CO: 16 A* 2 CO: 8 A | 16 mm | 20 | 3052570000 |

Socket with screw connection

| Type | Contact type | Continuous current | Width | Qty | Order No. |
|-----------|--------------|--------------------------|-------|-----|------------|
| CSI S 2CO | 2 CO contact | 1 CO: 16 A* 2 CO: 8 A | 16 mm | 10 | 3052590000 |

CRM Relays - 27 mm

| Type | Rated control voltage | Test button | Continuous current | Qty | Order No. |
|----------------------------|-----------------------|-------------|--------------------|-----|------------|
| 4 CO contact - 7 A | | | | | |
| CRM40024 | 24 V DC | | 7 A | 10 | 3052940000 |
| CRM40524 | 24 V AC | | 7 A | 10 | 3052970000 |
| CRM40615 | 115 V AC | | 7 A | 10 | 3052980000 |
| CRM40730 | 230 V AC | | 7 A | 10 | 3052990000 |
| CRM40024TLD | 24 V DC | ● | 7 A | 10 | 3053080000 |
| CRM40524TL | 24 V AC | ● | 7 A | 10 | 3053110000 |
| CRM40615TL | 115 V AC | ● | 7 A | 10 | 3053120000 |
| CRM40730TL | 230 V AC | ● | 7 A | 10 | 3053130000 |
| 2 CO contact - 12 A | | | | | |
| CRM20024 | 24 V DC | | 12 A | 10 | 3052730000 |
| CRM20524 | 24 V AC | | 12 A | 10 | 3052760000 |
| CRM20615 | 115 V AC | | 12 A | 10 | 3052770000 |
| CRM20730 | 230 V AC | | 12 A | 10 | 3052780000 |
| CRM20024TLD | 24 V DC | ● | 12 A | 10 | 3052870000 |
| CRM20524TL | 24 V AC | ● | 12 A | 10 | 3052900000 |
| CRM20615TL | 115 V AC | ● | 12 A | 10 | 3052910000 |
| CRM20730TL | 230 V AC | ● | 12 A | 10 | 3052920000 |

Socket with PUSH IN connection

| Type | Contact type | Continuous current | Width | Qty | Order No. |
|-----------|--------------|-------------------------|-------|-----|------------|
| CSM P 4CO | 4 CO contact | 2 CO: 12 A 4 CO: 8 A | 31 mm | 10 | 3053140000 |

Socket with screw connection

| Type | Contact type | Continuous current | Width | Qty | Order No. |
|-----------|--------------|-------------------------|-------|-----|------------|
| CSM S 4CO | 4 CO contact | 2 CO: 12 A 4 CO: 8 A | 27 mm | 10 | 3053160000 |

You will find further products and suitable accessories in the online catalogue

CRI KITS Relay modules

| Type | Rated control voltage | Test button | Status-LED | Free-wheeling diode | Connection | Contact type | Continuous current | Qty | Order No. |
|---------------------------|-----------------------|-------------|------------|---------------------|------------|--------------|--------------------|-----|------------|
| CRIKIT P 24VDC 1CO L/D | 24 V DC | | ● | ● | PUSH IN | 1 CO | 16 A* | 10 | 3137560000 |
| CRIKIT P 24VDC 1CO L/D/PB | 24 V DC | ● | ● | ● | PUSH IN | 1 CO | 16 A* | 10 | 3137570000 |
| CRIKIT P 24VAC 1CO L | 24 V AC | | ● | ● | PUSH IN | 1 CO | 16 A* | 10 | 3137340000 |
| CRIKIT P 24VAC 1CO L/PB | 24 V AC | ● | ● | ● | PUSH IN | 1 CO | 16 A* | 10 | 3137350000 |
| CRIKIT P 230VAC 1CO L | 230 V AC | | ● | ● | PUSH IN | 1 CO | 16 A* | 10 | 3137360000 |
| CRIKIT P 230VAC 1CO L/PB | 230 V AC | ● | ● | ● | PUSH IN | 1 CO | 16 A* | 10 | 3137370000 |
| CRIKIT P 24VDC 2CO L/D | 24 V DC | | ● | ● | PUSH IN | 2 CO | 8 A | 10 | 3137380000 |
| CRIKIT P 24VDC 2CO L/D/PB | 24 V DC | ● | ● | ● | PUSH IN | 2 CO | 8 A | 10 | 3137390000 |
| CRIKIT P 24VAC 2CO L | 24 V AC | | ● | ● | PUSH IN | 2 CO | 8 A | 10 | 3137400000 |
| CRIKIT P 24VAC 2CO L/PB | 24 V AC | ● | ● | ● | PUSH IN | 2 CO | 8 A | 10 | 3137410000 |
| CRIKIT P 230VAC 2CO L | 230 V AC | | ● | ● | PUSH IN | 2 CO | 8 A | 10 | 3137420000 |
| CRIKIT P 230VAC 2CO L/PB | 230 V AC | ● | ● | ● | PUSH IN | 2 CO | 8 A | 10 | 3137430000 |
| CRIKIT S 24VDC 1CO L/D | 24 V DC | | ● | ● | Screw | 1 CO | 16 A* | 10 | 3137440000 |
| CRIKIT S 24VDC 1CO L/D/PB | 24 V DC | ● | ● | ● | Screw | 1 CO | 16 A* | 10 | 3137450000 |
| CRIKIT S 24VAC 1CO L | 24 V AC | | ● | ● | Screw | 1 CO | 16 A* | 10 | 3137460000 |
| CRIKIT S 24VAC 1CO L/PB | 24 V AC | ● | ● | ● | Screw | 1 CO | 16 A* | 10 | 3137470000 |
| CRIKIT S 230VAC 1CO L | 230 V AC | | ● | ● | Screw | 1 CO | 16 A* | 10 | 3137480000 |
| CRIKIT S 230VAC 1CO L/PB | 230 V AC | ● | ● | ● | Screw | 1 CO | 16 A* | 10 | 3137490000 |
| CRIKIT S 24VDC 2CO L/D | 24 V DC | | ● | ● | Screw | 2 CO | 8 A | 10 | 3137500000 |
| CRIKIT S 24VDC 2CO L/D/PB | 24 V DC | ● | ● | ● | Screw | 2 CO | 8 A | 10 | 3137510000 |
| CRIKIT S 24VAC 2CO L | 24 V AC | | ● | ● | Screw | 2 CO | 8 A | 10 | 3137520000 |
| CRIKIT S 24VAC 2CO L/PB | 24 V AC | ● | ● | ● | Screw | 2 CO | 8 A | 10 | 3137530000 |
| CRIKIT S 230VAC 2CO L | 230 V AC | | ● | ● | Screw | 2 CO | 8 A | 10 | 3137540000 |
| CRIKIT S 230VAC 2CO L/PB | 230 V AC | ● | ● | ● | Screw | 2 CO | 8 A | 10 | 3137550000 |

*For continuous currents > 12 A up to a maximum of 16 A for the 1 CO versions, the connections 11 and 21, 12 and 22, 14 and 24 must be bridged with suitable cross-sections. When using the PUSH IN socket, this can also be set up with the cross-connections 'CXX JMP 2P xx'.

CRM KITS Relay modules

| Type | Rated control voltage | Test button | Status-LED | Free-wheeling diode | Connection | Contact type | Continuous current | Qty | Order No. |
|----------------------------|-----------------------|-------------|------------|---------------------|------------|--------------|--------------------|-----|------------|
| CRMKIT P 24V DC 2CO L/D | 24 V DC | | ● | ● | PUSH IN | 2 CO | 12 A | 5 | 3137100000 |
| CRMKIT P 24V DC 2CO L/D/PB | 24 V DC | ● | ● | ● | PUSH IN | 2 CO | 12 A | 5 | 3137110000 |
| CRMKIT P 24V AC 2CO L | 24 V AC | | ● | ● | PUSH IN | 2 CO | 12 A | 5 | 3137120000 |
| CRMKIT P 24V AC 2CO L/PB | 24 V AC | ● | ● | ● | PUSH IN | 2 CO | 12 A | 5 | 3137130000 |
| CRMKIT P 230V AC 2CO L | 230 V AC | | ● | ● | PUSH IN | 2 CO | 12 A | 5 | 3137140000 |
| CRMKIT P 230V AC 2CO L/PB | 230 V AC | ● | ● | ● | PUSH IN | 2 CO | 12 A | 5 | 3137150000 |
| CRMKIT P 24V DC 4CO L/D | 24 V DC | | ● | ● | PUSH IN | 4 CO | 7 A | 5 | 3137160000 |
| CRMKIT P 24V DC 4CO L/D/PB | 24 V DC | ● | ● | ● | PUSH IN | 4 CO | 7 A | 5 | 3137170000 |
| CRMKIT P 24V AC 4CO L | 24 V AC | | ● | ● | PUSH IN | 4 CO | 7 A | 5 | 3137180000 |
| CRMKIT P 24V AC 4CO L/PB | 24 V AC | ● | ● | ● | PUSH IN | 4 CO | 7 A | 5 | 3137190000 |
| CRMKIT P 230V AC 4CO L | 230 V AC | | ● | ● | PUSH IN | 4 CO | 7 A | 5 | 3137200000 |
| CRMKIT P 230V AC 4CO L/PB | 230 V AC | ● | ● | ● | PUSH IN | 4 CO | 7 A | 5 | 3137210000 |
| CRMKIT S 24V DC 2CO L/D | 24 V DC | | ● | ● | Screw | 2 CO | 12 A | 5 | 3137220000 |
| CRMKIT S 24V DC 2CO L/D/PB | 24 V DC | ● | ● | ● | Screw | 2 CO | 12 A | 5 | 3137230000 |
| CRMKIT S 24V AC 2CO L | 24 V AC | | ● | ● | Screw | 2 CO | 12 A | 5 | 3137240000 |
| CRMKIT S 24V AC 2CO L/PB | 24 V AC | ● | ● | ● | Screw | 2 CO | 12 A | 5 | 3137250000 |
| CRMKIT S 230V AC 2CO L | 230 V AC | | ● | ● | Screw | 2 CO | 12 A | 5 | 3137260000 |
| CRMKIT S 230V AC 2CO L/PB | 230 V AC | ● | ● | ● | Screw | 2 CO | 12 A | 5 | 3137270000 |
| CRMKIT S 24V DC 4CO L/D | 24 V DC | | ● | ● | Screw | 4 CO | 6 A | 5 | 3137280000 |
| CRMKIT S 24V DC 4CO L/D/PB | 24 V DC | ● | ● | ● | Screw | 4 CO | 6 A | 5 | 3137290000 |
| CRMKIT S 24V AC 4CO L | 24 V AC | | ● | ● | Screw | 4 CO | 6 A | 5 | 3137300000 |
| CRMKIT S 24V AC 4CO L/PB | 24 V AC | ● | ● | ● | Screw | 4 CO | 6 A | 5 | 3137310000 |
| CRMKIT S 230V AC 4CO L | 230 V AC | | ● | ● | Screw | 4 CO | 6 A | 5 | 3137320000 |
| CRMKIT S 230V AC 4CO L/PB | 230 V AC | ● | ● | ● | Screw | 4 CO | 6 A | 5 | 3137330000 |

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