

Klippon® Relay

## CUBESERIES

Industrial relay modules made in Europe



**Weidmüller** 

# CUBESERIES

## Industrial relay modules made in Europe

### Introduction

The universal relay modules from the CUBESERIES range are suitable for use in standard applications in industrial machine and plant engineering. Their range of tasks includes the decoupling of control systems, the multiplication of signals and the switching of small industrial loads. They impress with their extensive range of accessories and diverse cross-connection options. The sockets with PUSH IN connection also save time and costs during installation.

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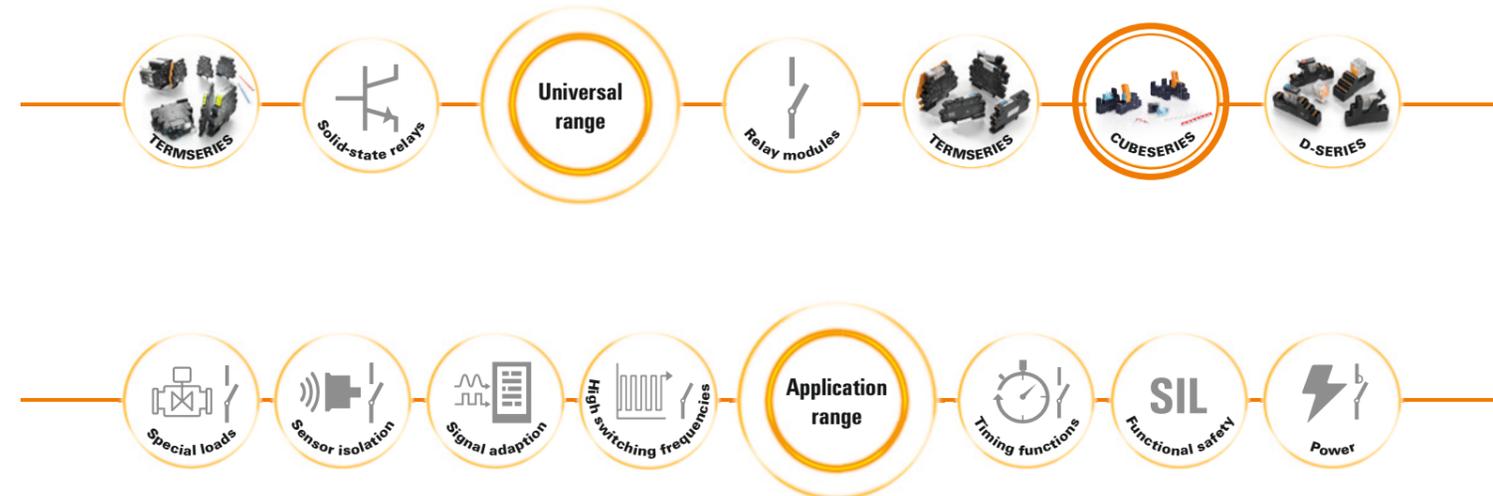
# Solutions for more productivity

## 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.



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[www.weidmueller.com/klipponrelay](http://www.weidmueller.com/klipponrelay)

# CUBESERIES – industrial relay modules made in Europe

## PUSH IN and screw connections for quick installation

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.



Versions with built-in LED or test button

PUSH IN socket with wide pusher for screwdrivers up to blade size 1.0 x 5.5 mm

Relay socket with PUSH IN and screw connection for quick installation

Control voltages from 12 - 110 V DC and 24 - 230 V AC

Various cross-connection options

Extensive accessories such as retaining clips and LED modules

Retaining clips with labelling slots for MultiFit markers



### The product name CUBESERIES

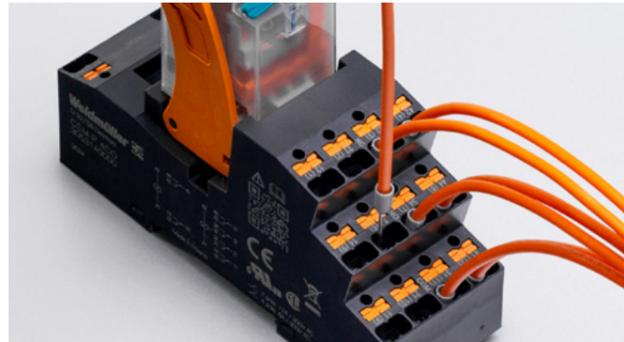
In the American and Canadian markets universal relays are also known as 'ice cube' relays, due to their transparent, compact and rectangular design.



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# CUBESERIES – industrial relay modules made in Europe

## PUSH IN and screw connections for quick installation



### Fast wiring with PUSH IN

The wiring time is significantly reduced by the PUSH IN connection sockets. In addition, incorrect operation of the connection is prevented by the pushers.



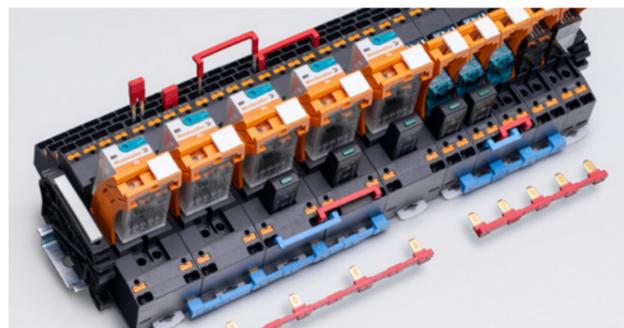
### Easy to use with screwdrivers

Both clamping points can be opened in parallel. The PUSH IN connection enables the use of industry-proven screwdrivers from 0.6 x 3.5 mm to 1.0 x 5.5 mm. This means that maintenance work can be carried out quickly and efficiently.



### Easily accessible test taps

The PUSH IN sockets have an additional test tap, which significantly simplifies maintenance, as the pushers of the PUSH IN connections mean that no metal surfaces are available for contacting measuring probes.



### Diverse cross-connections

The PUSH IN sockets of the CUBESERIES impress with their wide range of cross-connection options. The cross-connectors for the input side of the relay coil can simply be plugged in for connections A1/A2 without covering the wire connection (more on page 18).

### Retaining clip with marker holder

The plastic retaining clip has an eject lever function and is equipped with a marker holder. This makes the retaining clip compatible with a wide range of marker systems on the market and the Weidmüller MF 10/.. marker system as a roll (MultiMark) and MultiCard (PrintJet).



### Extensive accessories

A wide range of accessories, such as the metal retaining clips for applications subject to vibration, LED modules with red and green status LEDs and the protection modules with RC filters and varistors, enable use in a variety of applications.



### Lockable test buttons

The test buttons (AC = orange, DC = blue) enable simple simulation of digital input and output signals. This allows machines and systems to be tested step by step during commissioning and maintenance.



### Clearly visible status LEDs

The integrated status LEDs (green) of the CRM relays are not covered by the plastic retaining clip. They are easily recognisable through a viewing window in the retaining clip. Furthermore, the CUBESERIES offers LED modules with red and green LEDs that can be plugged onto the socket, so that individual requirements for the colour of the status LED can be implemented. This means that the colour coding can be adapted to individual requirements, which also simplifies maintenance.



# CUBESERIES KITS

## Pre-assembled relay modules

The CUBESERIES relay KITS consist of a relay, a socket, a retaining clip and a status indicator. The KITS are supplied fully assembled and function-tested and increase ease of use.

This saves time during installation and minimises the number of material numbers, as the KITS can be ordered under one article number, thus reducing the number of storage locations.

- KIT consisting of relay, socket, retaining clip and status indicator
- 100 % function-tested

### Your benefits

Simple and time-saving assembly, fast availability and reduced stock-keeping!



### CRI KITS Relay modules

- Pre-assembled and 100% function-tested
- 1 CO (16 A)\* and 2 CO (8 A)
- Variants with and without test button (AC= orange, DC= blue)
- DC coil variants with LED (green) and freewheeling diode
- AC coil variants with LED (green)
- Available with PUSH IN or screw connection



### CRM KITS Relay modules

- Pre-assembled and 100% function-tested
- 2 CO (12 A) and 4 CO (PUSH IN: 7 A, screw: 6 A)
- Variants with and without test button (AC= orange, DC= blue)
- DC coil variants with LED (green) and freewheeling diode
- AC coil variants with LED (green)
- Available with PUSH IN or screw connection



### CRI KITS Relay modules

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

## CUBESERIES CRI – Industrial miniature relay in 16 mm width

### Single relay 1 CO (16 A) and 2 CO (8 A)

The CUBESERIES CRI industrial miniature relays with a space-saving width of 16 mm for reliable switching of small industrial loads and quick and safe installation.

- 1 CO (16 A) and 2 CO (8 A)
- Coloured test buttons for variants with test button (AC coil: orange, DC coil: blue)
- Coloured housing for variants without test button (AC coil: orange, DC coil: blue)

#### Versions with test button



#### Versions without test button



#### 1 CO (16 A)

Type	Rated control voltage	Test button	Contact type	Continuous current	Order No.
CRI10012	12 V DC		1 CO	16 A	3052280000
CRI10024	24 V DC		1 CO	16 A	3052290000
CRI10048	48 V DC		1 CO	16 A	3052300000
CRI10110	110 V DC		1 CO	16 A	3052310000
CRI10524	24 V AC		1 CO	16 A	3052320000
CRI10615	115 V AC		1 CO	16 A	3052330000
CRI10730	230 V AC		1 CO	16 A	3052340000
CRI10012T	12 V DC	●	1 CO	16 A	3052350000
CRI10024T	24 V DC	●	1 CO	16 A	3052360000
CRI10048T	48 V DC	●	1 CO	16 A	3052370000
CRI10110T	110 V DC	●	1 CO	16 A	3052380000
CRI10524T	24 V AC	●	1 CO	16 A	3052390000
CRI10615T	115 V AC	●	1 CO	16 A	3052400000
CRI10730T	230 V AC	●	1 CO	16 A	3052410000

#### 2 CO (8 A)

Type	Rated control voltage	Test button	Contact type	Continuous current	Order No.
CRI20012	12 V DC		2 CO	8 A	3052420000
CRI20024	24 V DC		2 CO	8 A	3052430000
CRI20048	48 V DC		2 CO	8 A	3052440000
CRI20110	110 V DC		2 CO	8 A	3052450000
CRI20524	24 V AC		2 CO	8 A	3052460000
CRI20615	115 V AC		2 CO	8 A	3052470000
CRI20730	230 V AC		2 CO	8 A	3052490000
CRI20012T	12 V DC	●	2 CO	8 A	3052500000
CRI20024T	24 V DC	●	2 CO	8 A	3052510000
CRI20048T	48 V DC	●	2 CO	8 A	3052520000
CRI20110T	110 V DC	●	2 CO	8 A	3052530000
CRI20524T	24 V AC	●	2 CO	8 A	3052540000
CRI20615T	115 V AC	●	2 CO	8 A	3052550000
CRI20730T	230 V AC	●	2 CO	8 A	3052560000

## CUBESERIES CRI – Industrial miniature relay in 16 mm width

### Relay socket

- 2 CO output variant for 1 CO and 2 CO relay
- PUSH IN socket with wide pushers for screwdrivers with blade sizes up to 1.0 x 5.5 mm
- Matching accessories such as cross connections, retaining clips and LED modules

#### PUSH IN connection



#### Screw connection



Type	Connection technology	Contact type	Continuous current	Width	Order No.
CSI P 2CO	PUSH IN	2 CO	1 CO: 16 A* 2 CO: 8 A	16 mm	3052570000
CSI S 2CO	Screw	2 CO	1 CO: 16 A* 2 CO: 8 A	16 mm	3052590000

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



# CUBESERIES CRI – Industrial miniature relay in 16 mm width

## Accessories

### Cross connections for the PUSH IN socket:

- Available in the colours red and blue for potential coding
- 8-pole cross-connection for A1 and A2 of the coil
- 2-pole jumper for connecting the neighbouring sockets
- 2-pole jumper for connecting the output channels within a socket
- You can find more information on page 18



### Cross connection for the screw socket:

- 8-pole cross-connection for connecting the neighbouring sockets
- Available in the colour grey



### Plastic retaining clip:

- With relay ejector function
- Marker holders for MultiFit markers
- Suitable for relays with and without test button

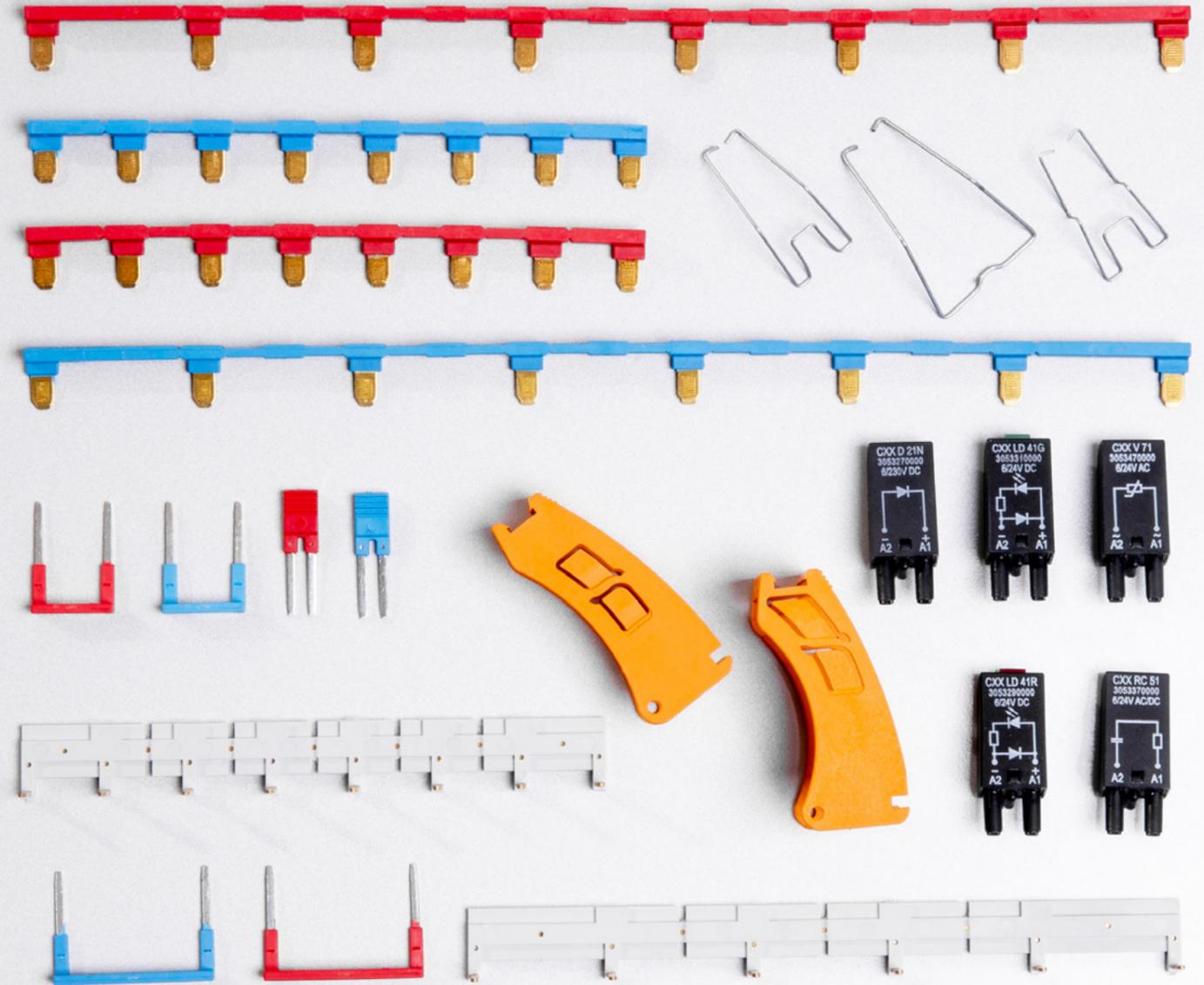


### Metal retaining clip:

- For a secure hold of the relay in the socket
- Customised versions for relays with and without test button



Type	Description	Material	Continuous current	Order No.
CXI CCP 8P RD	8-pole cross-connection for CSI PUSH IN socket (A1 and A2)	Red plastic	10 A	3052690000
CXI CCP 8P BL	8-pole cross-connection for CSI PUSH IN socket (A1 and A2)	Blue plastic	10 A	3052700000
CXI CCP 2P RD	2-pole jumper for CSI PUSH IN socket for bridging to the neighbouring socket	Red plastic	10 A	3052650000
CXI CCP 2P BL	2-pole jumper for CSI PUSH IN socket for bridging to the neighbouring socket	Blue plastic	10 A	3052660000
CXX JMP 2P RD	2-pole jumper for CSI and CSM PUSH IN socket for bridging the outputs	Red plastic	10 A	3053250000
CXX JMP 2P BL	2-pole jumper for CSI and CSM PUSH IN socket for bridging the outputs	Blue plastic	10 A	3053260000
CXI CCS 8P GY	6-pole cross connection for CSI screw socket	Grey plastic	10 A	3052620000
CXI CLIP P	Plastic retaining clip with relay ejector function for all CRI relays	Orange plastic		3052710000
CXI CLIP LM	Metal retaining clip for CRI relay without test button	Metal		3052630000
CXI CLIP HM	Metal retaining clip for CRM relay with test button	Metal		3052640000



Visit our website  
for more information

## CUBESERIES CRM – Industrial miniature relays from 27 mm width

### Single relay 2 CO (12 A) and 4 CO (7 A)

The compact design of the CUBESERIES CRM industrial miniature relays with a width of 27 mm is suitable for reliable contact multiplication with fast and safe installation.

- 2 CO (12 A) and 4 CO (7 A)
- Coloured test buttons for variants with test buttons (AC coil: orange, DC coil: blue)
- Coloured dummy plugs for variants without test buttons (AC coil: orange, DC coil: blue)
- Versions with integrated LED (green) and freewheeling diode available

#### Versions with test button



#### Versions without test button (dummy plugs)



#### 2 CO (12 A)

Type	Rated control voltage	Test button	Status-LED	Free-wheeling diode	Contact type	Continuous current	Order No.
CRM20012	12 V DC				2 CO	12 A	3052720000
CRM20024	24 V DC				2 CO	12 A	3052730000
CRM20048	48 V DC				2 CO	12 A	3052740000
CRM20110	110 V DC				2 CO	12 A	3052750000
CRM20524	24 V AC				2 CO	12 A	3052760000
CRM20615	115 V AC				2 CO	12 A	3052770000
CRM20730	230 V AC				2 CO	12 A	3052780000
CRM20012T	12 V DC	●			2 CO	12 A	3052790000
CRM20024T	24 V DC	●			2 CO	12 A	3052800000
CRM20048T	48 V DC	●			2 CO	12 A	3052810000
CRM20110T	110 V DC	●			2 CO	12 A	3052820000
CRM20524T	24 V AC	●			2 CO	12 A	3052830000
CRM20615T	115 V AC	●			2 CO	12 A	3052840000
CRM20730T	230 V AC	●			2 CO	12 A	3052850000
CRM20012TLD	12 V DC	●	●	●	2 CO	12 A	3052860000
CRM20024TLD	24 V DC	●	●	●	2 CO	12 A	3052870000
CRM20048TLD	48 V DC	●	●	●	2 CO	12 A	3052880000
CRM20110TLD	110 V DC	●	●	●	2 CO	12 A	3052890000
CRM20524TL	24 V AC	●	●		2 CO	12 A	3052900000
CRM20615TL	115 V AC	●	●		2 CO	12 A	3052910000
CRM20730TL	230 V AC	●	●		2 CO	12 A	3052920000

Digital selection guide for electromechanical relay modules  
[www.weidmueller.com/relaysselector](http://www.weidmueller.com/relaysselector)



#### 4 CO (7 A)

Type	Rated control voltage	Test button	Status-LED	Free-wheeling diode	Contact type	Continuous current	Order No.
CRM40012	12 V DC				4 CO	7 A	3052930000
CRM40024	24 V DC				4 CO	7 A	3052940000
CRM40048	48 V DC				4 CO	7 A	3052950000
CRM40110	110 V DC				4 CO	7 A	3052960000
CRM40524	24 V AC				4 CO	7 A	3052970000
CRM40615	115 V AC				4 CO	7 A	3052980000
CRM40730	230 V AC				4 CO	7 A	3052990000
CRM40012T	12 V DC	●			4 CO	7 A	3053000000
CRM40024T	24 V DC	●			4 CO	7 A	3053010000
CRM40048T	48 V DC	●			4 CO	7 A	3053020000
CRM40110T	110 V DC	●			4 CO	7 A	3053030000
CRM40524T	24 V AC	●			4 CO	7 A	3053040000
CRM40615T	115 V AC	●			4 CO	7 A	3053050000
CRM40730T	230 V AC	●			4 CO	7 A	3053060000
CRM40012TLD	12 V DC	●	●	●	4 CO	7 A	3053070000
CRM40024TLD	24 V DC	●	●	●	4 CO	7 A	3053080000
CRM40048TLD	48 V DC	●	●	●	4 CO	7 A	3053090000
CRM40110TLD	110 V DC	●	●	●	4 CO	7 A	3053100000
CRM40524TL	24 V AC	●	●		4 CO	7 A	3053110000
CRM40615TL	115 V AC	●	●		4 CO	7 A	3053120000
CRM40730TL	230 V AC	●	●		4 CO	7 A	3053130000

## CUBESERIES CRM – Industrial miniature relays from 27 mm width

### Relay socket

- 4 CO output variant for 2 CO and 4 CO relays
- PUSH IN socket with wide pushers for screwdrivers with blade sizes up to 1.0 x 5.5 mm
- Matching accessories such as cross connections, retaining clips and LED modules

#### PUSH IN connection



#### Screw connection



Type	Connection technology	Contact type	Continuous current	Width	Order No.
CSM P 4CO	PUSH IN	4 CO	2 CO: 12 A 4 CO: 8 A	31 mm	3053140000
CSM S 4CO	Screw	4 CO	2 CO: 12 A 4 CO: 6 A	27 mm	3053160000

## CUBESERIES CRM – Industrial miniature relays from 27 mm width

### Accessories

#### Cross connections for the PUSH IN socket:

- Available in the colours red and blue for potential coding
- 8-pole cross-connection for A1 and A2 of the coil
- 2-pole jumper for connecting the neighbouring sockets
- 2-pole jumper for connecting the output channels within a socket
- You can find more information on page 18

#### Cross connection for the screw socket:

- 6-pole cross-connection for connecting the neighbouring sockets
- Available in the colour grey

#### Plastic retaining clip:

- With relay ejector function
- Marker holders for MultiFit markers

#### Metal retaining clip:

- For a secure hold of the relay in the socket



Type	Description	Material	Continuous current	Order No.
CXM CCP 8P RD	8-pole cross-connection for CSM PUSH IN socket (A1 and A2)	Red plastic	10 A	3053200000
CXM CCP 8P BL	8-pole cross-connection for CSM PUSH IN socket (A1 and A2)	Blue plastic	10 A	3053210000
CXM CCP 2P RD	2-pole jumper for CSM PUSH IN socket for bridging to the neighbouring socket	Red plastic	10 A	3053220000
CXM CCP 2P BL	2-pole jumper for CSM PUSH IN socket for bridging to the neighbouring socket	Blue plastic	10 A	3053230000
CXX JMP 2P RD	2-pole jumper for CSI and CSM PUSH IN socket for bridging the outputs	Red plastic	10 A	3053250000
CXX JMP 2P BL	2-pole jumper for CSI and CSM PUSH IN socket for bridging the outputs	Blue plastic	10 A	3053260000
CXM CCS 6P GY	6-pole cross-connection for CSM screw socket	Grey plastic	10 A	3053180000
CXM CLIP P	Plastic retaining clip with relay ejector function for CRM relays	Orange plastic		3053240000
CXM CLIP M	Metal retaining clip for CRM relay	Metal		3053190000

## Pluggable LED and protection modules

### Accessories for CRI and CRM

#### Accessory modules for the CUBESERIES CRI and CRM relay sockets

- Available with green or red LED
- Versions with protective circuits such as freewheeling diode, varistor or RC element



Type	Description	Rated control voltage	Status-LED / Colour	Order No.
CXX D 21N	Free-wheeling diode	6-230 V DC		3053270000
CXX LD 41R	LED and free-wheeling diode	6-24 V DC	Red	3053290000
CXX LD 41G	LED and free-wheeling diode	6-24 V DC	Green	3053310000
CXX LD 42R	LED and free-wheeling diode	24-60 V DC	Red	3053320000
CXX LD 42G	LED and free-wheeling diode	24-60 V DC	Green	3053340000
CXX LD 43R	LED and free-wheeling diode	110-230 V DC	Red	3053350000
CXX LD 43G	LED and free-wheeling diode	110-230 V DC	Green	3053360000

Type	Description	Rated control voltage	Status-LED / Colour	Order No.
CXX RC 51	RC element	6-24 V AC/DC		3053370000
CXX RC 52	RC element	24-60 V AC/DC		3053390000
CXX RC 53	RC element	110-240 V AC/DC		3053400000

Type	Description	Rated control voltage	Status-LED / Colour	Order No.
CXX L 61R	LED	6-24 V AC/DC	Red	3053410000
CXX L 61G	LED	6-24 V AC/DC	Green	3053420000
CXX L 62R	LED	24-60 V AC/DC	Red	3053430000
CXX L 62G	LED	24-60 V AC/DC	Green	3053440000
CXX L 63R	LED	110-240 V AC/DC	Red	3053450000
CXX L 63G	LED	110-240 V AC/DC	Green	3053460000

Type	Description	Rated control voltage	Status-LED / Colour	Order No.
CXX V 71	Varistor	6-24 V AC		3053470000
CXX V 72	Varistor	110-130 V AC		3053480000
CXX V 73	Varistor	220-240 V AC		3053490000



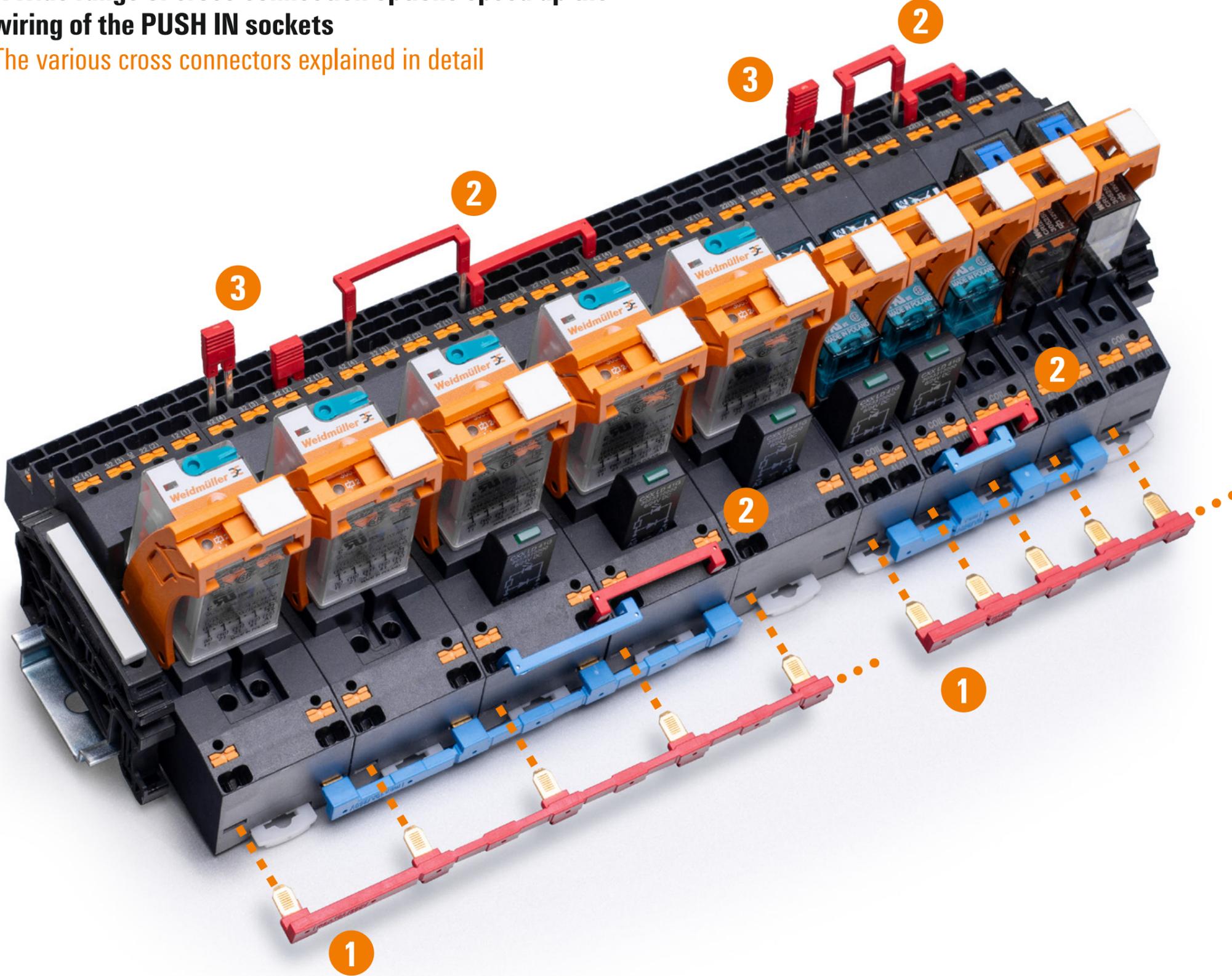
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# A wide range of cross-connection options speed up the wiring of the PUSH IN sockets

The various cross connectors explained in detail



- 1.** 8-pole cross-connector for connecting the inputs, at connection A1 and A2 of the socket. Is plugged into the openings provided for this purpose and connects several identical sockets at the same potential, e.g. from A1 of the first socket to the next A1 of the second socket. Can be shortened to the required length.
- 2.** 2-pole jumper for cross-connecting several identical sockets at the same potential, e.g. from connection 11 of the first socket to connection 11 of the neighbouring socket. Can be plugged into the conductor connections on all four levels (input and output) of the socket.
- 3.** 2-pole jumper for cross-connecting the output potentials in the same socket, e.g. from connection 14 of the first channel to connection 24 of the second channel on the same socket. May only be plugged into the conductor connections on the three levels of the output.

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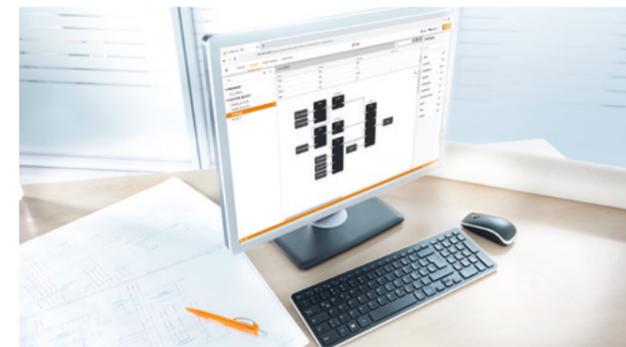


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### Selection guide for electromechanical relay modules

Our selection guide in digital and printed form support you in finding the right relay for safe and reliable switching of different loads:

[www.weidmueller.com/relaysselector](http://www.weidmueller.com/relaysselector)



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