

Klippon® Relay

CUBESERIES Relays

Optimized for use in industrial automation

Relay Kitting
Now Available!
Assembled
in USA

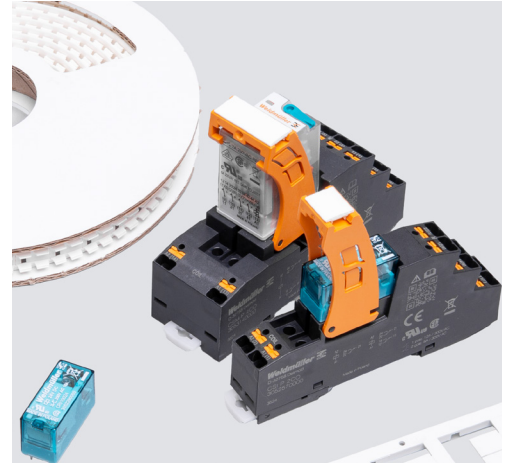
Weidmüller 

CUBESERIES Relays

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.

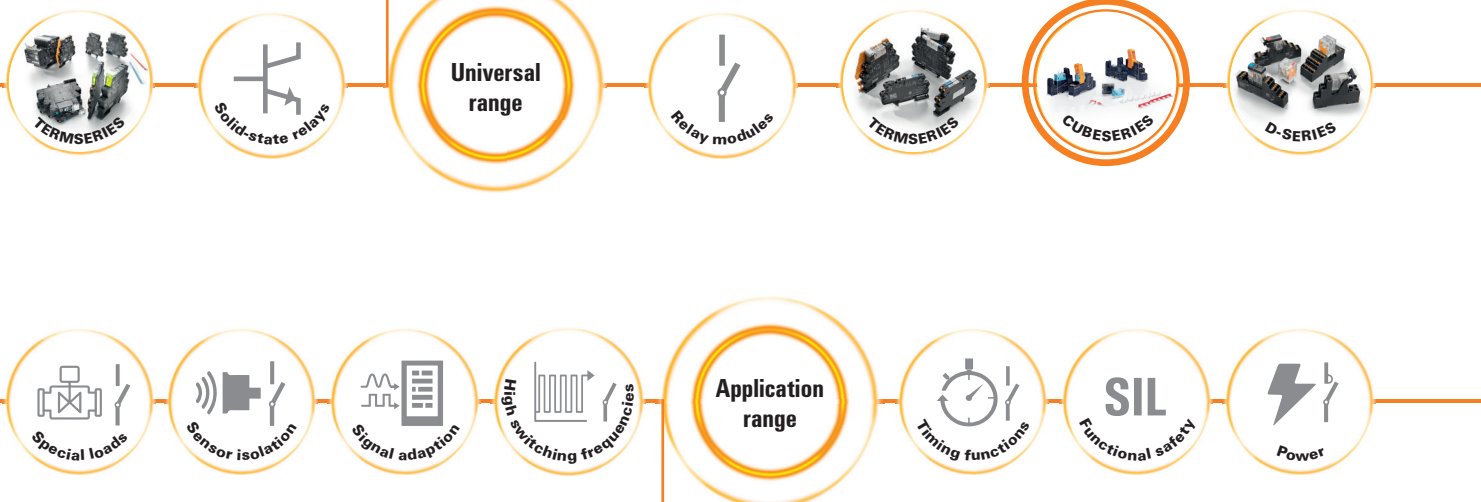


Solutions for More Productivity

Highly flexible design processes – with Klippon® Relay

For more than 40 years, we have specialized in the optimization 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 optimization through space saving, optimal marking and cost reductions – our customers challenges are our motivation.

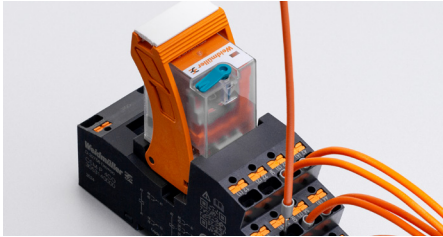
Our assortment impresses through reliability, longevity and safety. Supplemented by our digital data support, switching load consulting and online selection guides, we support our customers throughout the entire work process – from the planning phase to installation and operation.



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

CUBESERIES Relays

PUSH IN and screw connections for quick installation



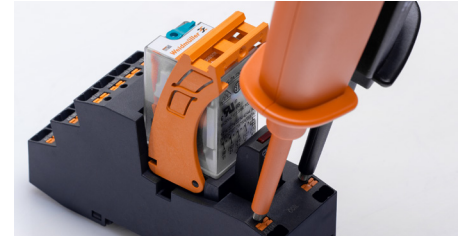
Fast wiring with PUSH IN

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



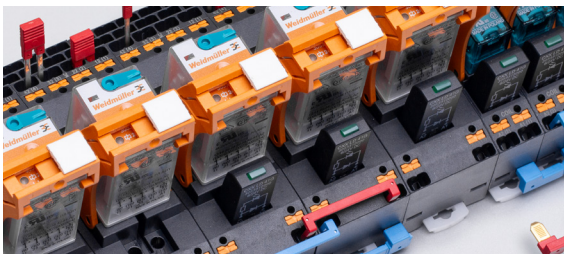
Easy to use with screwdrivers

Both clamping points can be opened in parallel. The PUSH IN connection enables the use of industry-proven screwdrivers from 3.5 mm to 5.5 mm so 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.



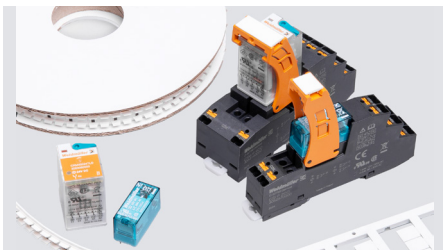
Diverse Jumpers

The PUSH IN sockets of the CUBESERIES impress with their wide range of jumper 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.



Clearly visible status LEDs

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



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 enable use in a variety of applications. Such as metal retaining clips for applications subject to vibration, modules with red or green status LEDs and protection modules with RC filters and varistors.



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.

PUSH IN and screw connections for quick installation

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 jumpers enable simple wiring, optimized for use in industrial automation.

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**Relay socket with
PUSH IN and screw
connection for quick
installation**

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

4



How did **CUBESERIES** get its name?

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



Extensive accessories
such as retaining clips
and LED modules

Retaining clips with
labelling slots
for MultiFit markers



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

CUBESERIES Kits — Assembled in USA

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 minimizes 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

Optimized for universal use in industrial applications

Weidmuller USA is relay kitting in the new engineering and production facility in Richmond, Va. CUBESERIES relays will be assembled, tested, stamped with UL Recognized approvals and shipped directly to U.S. customers.

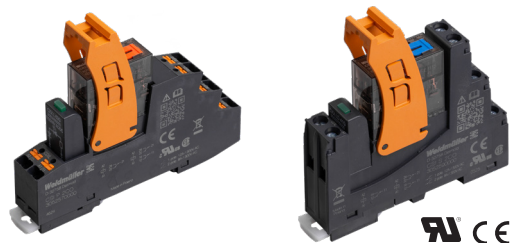
Your benefits

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



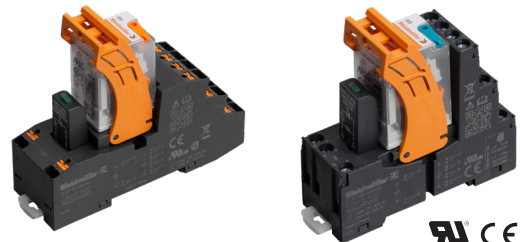
CRI Kits Relay Modules

- 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



* Note: For continuous currents > 12 A up to a max. of 16 A; connections 11 & 21, 12 & 22, 14 & 24 must be bridged with cross-sections at the conductor connections. (This exception does not apply to the UL and CSA approvals.)

CUBESERIES Kits — Assembled in USA

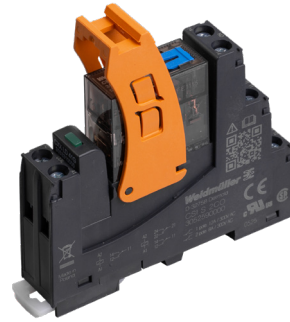


CRI Kits Relay Modules

Type	Rated control voltage	Test button	Status: LED	Freewheeling diode	Connection	Contact type	Continuous current	Qty	Order no.
CRI 1 Changeover — PUSH IN									
CRIKIT P 12VDC 1CO L/D UL	12 V DC		●	●	PUSH IN	1 CO	16 A	10	8000158716
CRIKIT P 12VDC 1CO L/D/PB UL	12 V DC	●	●	●	PUSH IN	1 CO	16 A	10	8000158717
CRIKIT P 24VDC 1CO L/D UL	24 V DC		●	●	PUSH IN	1 CO	16 A	10	8000158718
CRIKIT P 24VDC 1CO L/D/PB UL	24 V DC	●	●	●	PUSH IN	1 CO	16 A	10	8000158719
CRIKIT P 48VDC 1CO L/D UL	48 V DC		●	●	PUSH IN	1 CO	16 A	10	8000158721
CRIKIT P 48VDC 1CO L/D/PB UL	48 V DC	●	●	●	PUSH IN	1 CO	16 A	10	8000158722
CRIKIT P 110VDC 1CO L/D UL	110 V DC		●	●	PUSH IN	1 CO	16 A	10	8000158571
CRIKIT P 110VDC 1CO L/D/PB UL	110 V DC	●	●	●	PUSH IN	1 CO	16 A	10	8000158723
CRIKIT P 24VAC 1CO L UL	24 V AC		●		PUSH IN	1 CO	16 A	10	8000158724
CRIKIT P 24VAC 1CO L/PB UL	24 V AC	●	●		PUSH IN	1 CO	16 A	10	8000158725
CRIKIT P 115VAC 1CO L UL	115 V AC		●		PUSH IN	1 CO	16 A	10	8000158726
CRIKIT P 115VAC 1CO L/PB UL	115 V AC	●	●		PUSH IN	1 CO	16 A	10	8000158727
CRIKIT P 230VAC 1CO L UL	230 V AC		●		PUSH IN	1 CO	16 A	10	8000158728
CRIKIT P 230VAC 1CO L/PB UL	230 V AC	●	●		PUSH IN	1 CO	16 A	10	8000158729
CRI 2 Changeover — PUSH IN									
CRIKIT P 12VDC 2CO L/D UL	12 V DC		●	●	PUSH IN	2 CO	8 A	10	8000158730
CRIKIT P 12VDC 2CO L/D/PB UL	12 V DC	●	●	●	PUSH IN	2 CO	8 A	10	8000158731
CRIKIT P 24VDC 2CO L/D UL	24 V DC		●	●	PUSH IN	2 CO	8 A	10	8000158732
CRIKIT P 24VDC 2CO L/D/PB UL	24 V DC	●	●	●	PUSH IN	2 CO	8 A	10	8000158733
CRIKIT P 48VDC 2CO L/D UL	48 V DC		●	●	PUSH IN	2 CO	8 A	10	8000158734
CRIKIT P 48VDC 2CO L/D/PB UL	48 V DC	●	●	●	PUSH IN	2 CO	8 A	10	8000158735
CRIKIT P 110VDC 2CO L/D UL	110 V DC		●	●	PUSH IN	2 CO	8 A	10	8000158736
CRIKIT P 110VDC 2CO L/D/PB UL	110 V DC	●	●	●	PUSH IN	2 CO	8 A	10	8000158737
CRIKIT P 24VAC 2CO L UL	24 V AC		●		PUSH IN	2 CO	8 A	10	8000158738
CRIKIT P 24VAC 2CO L/PB UL	24 V AC	●	●		PUSH IN	2 CO	8 A	10	8000158739
CRIKIT P 115VAC 2CO L UL	115 V AC		●		PUSH IN	2 CO	8 A	10	8000158740
CRIKIT P 115VAC 2CO L/PB UL	115 V AC	●	●		PUSH IN	2 CO	8 A	10	8000158741
CRIKIT P 230VAC 2CO L UL	230 V AC		●		PUSH IN	2 CO	8 A	10	8000158742
CRIKIT P 230VAC 2CO L/PB UL	230 V AC	●	●		PUSH IN	2 CO	8 A	10	8000158743
Note: Items in BOLD are more commonly stocked.									

Note: 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'.

CUBESERIES Kits — Assembled in USA



CRI Kits Relay Modules

Type	Rated control voltage	Test button	Status: LED	Freewheeling diode	Connection	Contact type	Continuous current	Qty	Order no.
CRI 1 Changeover — Screw									
CRIKIT S 12VDC 1CO L/D UL	12 V DC		●	●	Screw	1 CO	16 A	10	8000158744
CRIKIT S 12VDC 1CO L/D/PB UL	12 V DC	●	●	●	Screw	1 CO	16 A	10	8000158745
CRIKIT S 24VDC 1CO L/D UL	24 V DC		●	●	Screw	1 CO	16 A	10	8000158746
CRIKIT S 24VDC 1CO L/D/PB UL	24 V DC	●	●	●	Screw	1 CO	16 A	10	8000158747
CRIKIT S 48VDC 1CO L/D UL	48 V DC		●	●	Screw	1 CO	16 A	10	8000158748
CRIKIT S 48VDC 1CO L/D/PB UL	48 V DC	●	●	●	Screw	1 CO	16 A	10	8000158749
CRIKIT S 110VDC 1CO L/D UL	110 V DC		●	●	Screw	1 CO	16 A	10	8000158750
CRIKIT S 110VDC 1CO L/D/PB UL	110 V DC	●	●	●	Screw	1 CO	16 A	10	8000158751
CRIKIT S 24VAC 1CO L UL	24 V AC		●		Screw	1 CO	16 A	10	8000158752
CRIKIT S 24VAC 1CO L/PB UL	24 V AC	●	●		Screw	1 CO	16 A	10	8000158753
CRIKIT S 115VAC 1CO L UL	115 V AC		●		Screw	1 CO	16 A	10	8000158754
CRIKIT S 115VAC 1CO L/PB UL	115 V AC	●	●		Screw	1 CO	16 A	10	8000158755
CRIKIT S 230VAC 1CO L UL	230 V AC		●		Screw	1 CO	16 A	10	8000158756
CRIKIT S 230VAC 1CO L/PB UL	230 V AC	●	●		Screw	1 CO	16 A	10	8000158757
CRI 2 Changeover —Screw									
CRIKIT S 12VDC 2CO L/D UL	12 V DC		●	●	Screw	2 CO	8 A	10	8000158758
CRIKIT S 12VDC 2CO L/D/PB UL	12 V DC	●	●	●	Screw	2 CO	8 A	10	8000158759
CRIKIT S 24VDC 2CO L/D UL	24 V DC		●	●	Screw	2 CO	8 A	10	8000158760
CRIKIT S 24VDC 2CO L/D/PB UL	24 V DC	●	●	●	Screw	2 CO	8 A	10	8000158761
CRIKIT S 48VDC 2CO L/D UL	48 V DC		●	●	Screw	2 CO	8 A	10	8000158762
CRIKIT S 48VDC 2CO L/D/PB UL	48 V DC	●	●	●	Screw	2 CO	8 A	10	8000158763
CRIKIT S 110VDC 2CO L/D UL	110 V DC		●	●	Screw	2 CO	8 A	10	8000158764
CRIKIT S 110VDC 2CO L/D/PB UL	110 V DC	●	●	●	Screw	2 CO	8 A	10	8000158765
CRIKIT S 24VAC 2CO L UL	24 V AC		●		Screw	2 CO	8 A	10	8000158766
CRIKIT S 24VAC 2CO L/PB UL	24 V AC	●	●		Screw	2 CO	8 A	10	8000158767
CRIKIT S 115VAC 2CO L UL	115 V AC		●		Screw	2 CO	8 A	10	8000158768
CRIKIT S 115VAC 2CO L/PB UL	115 V AC	●	●		Screw	2 CO	8 A	10	8000158769
CRIKIT S 230VAC 2CO L UL	230 V AC		●		Screw	2 CO	8 A	10	8000158770
CRIKIT S 230VAC 2CO L/PB UL	230 V AC	●	●		Screw	2 CO	8 A	10	8000158771

Note: Items in **BOLD** are more commonly stocked.

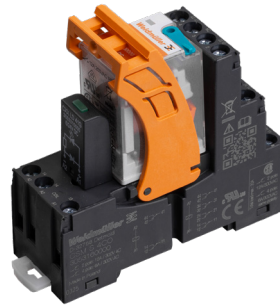
CUBESERIES Kits — Assembled in USA



CRM Kits Relay Modules

Type	Rated control voltage	Test button	Status: LED	Freewheeling diode	Connection	Contact type	Continuous current	Qty	Order no.
CRM 2 Changeover — PUSH IN									
CRMKIT P 12VDC 2CO L/D UL	12 V DC		●	●	PUSH IN	2 CO	12 A	10	8000158944
CRMKIT P 12VDC 2CO L/D/PB UL	12 V DC	●	●	●	PUSH IN	2 CO	12 A	10	8000158945
CRMKIT P 24VDC 2CO L/D UL	24 V DC		●	●	PUSH IN	2 CO	12 A	10	8000158946
CRMKIT P 24VDC 2CO L/D/PB UL	24 V DC	●	●	●	PUSH IN	2 CO	12 A	10	8000158947
CRMKIT P 48VDC 2CO L/D UL	48 V DC		●	●	PUSH IN	2 CO	12 A	10	8000158948
CRMKIT P 48VDC 2CO L/D/PB UL	48 V DC	●	●	●	PUSH IN	2 CO	12 A	10	8000158949
CRMKIT P 110VDC 2CO L/D UL	110 V DC		●	●	PUSH IN	2 CO	12 A	10	8000158950
CRMKIT P 110VDC 2CO L/D/PB UL	110 V DC	●	●	●	PUSH IN	2 CO	12 A	10	8000158951
CRMKIT P 24VAC 2CO L UL	24 V AC		●		PUSH IN	2 CO	12 A	10	8000158952
CRMKIT P 24VAC 2CO L/PB UL	24 V AC	●	●		PUSH IN	2 CO	12 A	10	8000158953
CRMKIT P 115VAC 2CO L UL	115 V AC		●		PUSH IN	2 CO	12 A	10	8000158954
CRMKIT P 115VAC 2CO L/PB UL	115 V AC	●	●		PUSH IN	2 CO	12 A	10	8000158955
CRMKIT P 230VAC 2CO L UL	230 V AC		●		PUSH IN	2 CO	12 A	10	8000158956
CRMKIT P 230VAC 2CO L/PB UL	230 V AC	●	●		PUSH IN	2 CO	12 A	10	8000158957
CRM 4 Changeover — PUSH IN									
CRMKIT P 12VDC 4CO L/D UL	12 V DC		●	●	PUSH IN	4 CO	6 A	10	8000158958
CRMKIT P 12VDC 4CO L/D/PB UL	12 V DC	●	●	●	PUSH IN	4 CO	6 A	10	8000158959
CRMKIT P 24VDC 4CO L/D UL	24 V DC		●	●	PUSH IN	4 CO	6 A	10	8000158960
CRMKIT P 24VDC 4CO L/D/PB UL	24 V DC	●	●	●	PUSH IN	4 CO	6 A	10	8000158961
CRMKIT P 48VDC 4CO L/D UL	48 V DC		●	●	PUSH IN	4 CO	6 A	10	8000158962
CRMKIT P 48VDC 4CO L/D/PB UL	48 V DC	●	●	●	PUSH IN	4 CO	6 A	10	8000158963
CRMKIT P 110VDC 4CO L/D UL	110 V DC		●	●	PUSH IN	4 CO	6 A	10	8000158964
CRMKIT P 110VDC 4CO L/D/PB UL	110 V DC	●	●	●	PUSH IN	4 CO	6 A	10	8000158965
CRMKIT P 24VAC 4CO L UL	24 V AC		●		PUSH IN	4 CO	6 A	10	8000158966
CRMKIT P 24VAC 4CO L/PB UL	24 V AC	●	●		PUSH IN	4 CO	6 A	10	8000158967
CRMKIT P 115VAC 4CO L UL	115 V AC		●		PUSH IN	4 CO	6 A	10	8000158968
CRMKIT P 115VAC 4CO L/PB UL	115 V AC	●	●		PUSH IN	4 CO	6 A	10	8000158970
CRMKIT P 230VAC 4CO L UL	230 V AC		●		PUSH IN	4 CO	6 A	10	8000158971
CRMKIT P 230VAC 4CO L/PB UL	230 V AC	●	●		PUSH IN	4 CO	6 A	10	8000158972
Note: Items in BOLD are more commonly stocked.									

CUBESERIES Kits — Assembled in USA



CRM Kits Relay Modules

Type	Rated control voltage	Test button	Status: LED	Freewheeling diode	Connection	Contact type	Continuous current	Qty	Order no.
CRM 2 Changeover — Screw									
CRMKIT S 12VDC 2CO L/D UL	12 V DC		●	●	Screw	2 CO	12 A	10	8000158973
CRMKIT S 12VDC 2CO L/D/PB UL	12 V DC	●	●	●	Screw	2 CO	12 A	10	8000158974
CRMKIT S 24VDC 2CO L/D UL	24 V DC		●	●	Screw	2 CO	12 A	10	8000158976
CRMKIT S 24VDC 2CO L/D/PB UL	24 V DC	●	●	●	Screw	2 CO	12 A	10	8000158977
CRMKIT S 48VDC 2CO L/D UL	48 V DC		●	●	Screw	2 CO	12 A	10	8000158978
CRMKIT S 48VDC 2CO L/D/PB UL	48 V DC	●	●	●	Screw	2 CO	12 A	10	8000158979
CRMKIT S 110VDC 2CO L/D UL	110 V DC		●	●	Screw	2 CO	12 A	10	8000158980
CRMKIT S 110VDC 2CO L/D/PB UL	110 V DC	●	●	●	Screw	2 CO	12 A	10	8000158981
CRMKIT S 24VAC 2CO L UL	24 V AC		●		Screw	2 CO	12 A	10	8000158982
CRMKIT S 24VAC 2CO L/PB UL	24 V AC	●	●		Screw	2 CO	12 A	10	8000158983
CRMKIT S 115VAC 2CO L UL	115 V AC		●		Screw	2 CO	12 A	10	8000158984
CRMKIT S 115VAC 2CO L/PB UL	115 V AC	●	●		Screw	2 CO	12 A	10	8000158985
CRMKIT S 230VAC 2CO L UL	230 V AC		●		Screw	2 CO	12 A	10	8000158986
CRMKIT S 230VAC 2CO L/PB UL	230 V AC	●	●		Screw	2 CO	12 A	10	8000158987
CRM 4 Changeover — Screw									
CRMKIT S 12VDC 4CO L/D UL	12 V DC		●	●	Screw	4 CO	6 A	10	8000158988
CRMKIT S 12VDC 4CO L/D/PB UL	12 V DC	●	●	●	Screw	4 CO	6 A	10	8000158989
CRMKIT S 24VDC 4CO L/D UL	24 V DC		●	●	Screw	4 CO	6 A	10	8000158990
CRMKIT S 24VDC 4CO L/D/PB UL	24 V DC	●	●	●	Screw	4 CO	6 A	10	8000158991
CRMKIT S 48VDC 4CO L/D UL	48 V DC		●	●	Screw	4 CO	6 A	10	8000158992
CRMKIT S 48VDC 4CO L/D/PB UL	48 V DC	●	●	●	Screw	4 CO	6 A	10	8000158993
CRMKIT S 110VDC 4CO L/D UL	110 V DC		●	●	Screw	4 CO	6 A	10	8000158994
CRMKIT S 110VDC 4CO L/D/PB UL	110 V DC	●	●	●	Screw	4 CO	6 A	10	8000158995
CRMKIT S 24VAC 4CO L UL	24 V AC		●		Screw	4 CO	6 A	10	8000158996
CRMKIT S 24VAC 4CO L/PB UL	24 V AC	●	●		Screw	4 CO	6 A	10	8000158997
CRMKIT S 115VAC 4CO L UL	115 V AC		●		Screw	4 CO	6 A	10	8000158998
CRMKIT S 115VAC 4CO L/PB UL	115 V AC	●	●		Screw	4 CO	6 A	10	8000158999
CRMKIT S 230VAC 4CO L UL	230 V AC		●		Screw	4 CO	6 A	10	8000159000
CRMKIT S 230VAC 4CO L/PB UL	230 V AC	●	●		Screw	4 CO	6 A	10	8000159002
Note: Items in BOLD are more commonly stocked.									

CUBESERIES CRI – Industrial Miniature Relays in 16 mm Width

Single relay 1 CO (16 A) & 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 for quick and safe installation.

- 1 CO (16 A) and 2 CO (8 A)
- Colored test buttons for variants with test button (AC coil: orange, DC coil: blue)
- Colored 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

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 5.5 mm
- Matching accessories such as jumpers, retaining clips and LED modules

PUSH IN connection

Screw connection



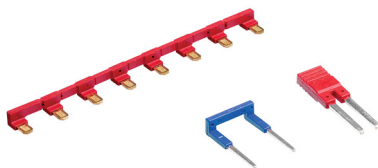
Type	Connection technology	Contact type	Continuous current	Width	Order no.
CSI P 2CO	PUSH IN	2 CO	1 CO: 16 A* 2 CO: 8 A	16 mm	3052570000
CSI S 2CO	Screw	2 CO	1 CO: 16 A* 2 CO: 8 A	16 mm	3052590000

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



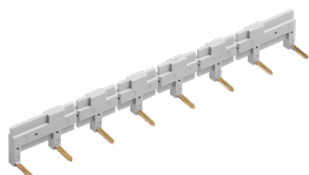
CUBESERIES CRI – Industrial Miniature Relays in 16 mm Width

Accessories



Jumpers for the PUSH IN socket:

- Available in the colors red and blue for potential coding
- 8-pole cross-connection for A1 and A2 of the coil
- 2-pole jumper for connecting the neighboring sockets
- 2-pole jumper for connecting the output channels within a socket



Jumpers for the screw socket:

- 8-pole cross-connection for connecting the neighboring sockets
- Available in the color gray



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
- Customized 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 neighboring socket	Red plastic	10 A	3052650000
CXI CCP 2P BL	2-pole jumper for CSI PUSH IN socket for bridging to the neighboring 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	Gray 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



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CUBESERIES CRM – Industrial Miniature Relays in 27 mm Width

Single relay 2 CO (12 A) & 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)
- Colored test buttons for variants with test buttons (AC coil: orange, DC coil: blue)
- Colored 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 w/o test button (dummy plugs)

2 CO (12 A)

Type	Rated control voltage	Test button	Status-LED	Freewheeling 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

4 CO (7 A)

Type	Rated control voltage	Test button	Status-LED	Freewheeling 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 in 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

Accessories



Jumpers for the PUSH IN socket:

- Available in the colors red and blue for potential coding
- 8-pole cross-connection for A1 and A2 of the coil
- 2-pole jumper for connecting the neighboring sockets
- 2-pole jumper for connecting the output channels within a socket

Jumpers for the screw socket:

- 6-pole cross-connection for connecting the neighboring sockets
- Available in the color gray

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

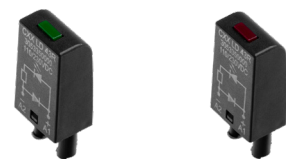
Type	Description	Material	Continuous current	Order no.
CXM CCP 8P RD	8-pole cross-connection for CSM PUSH IN socket (A1 and A2)	Red plastic	10 A	3053200000
CXM CCP 8P BL	8-pole cross-connection for CSM PUSH IN socket (A1 and A2)	Blue plastic	10 A	3053210000
CXM CCP 2P RD	2-pole jumper for CSM PUSH IN socket for bridging to the neighboring socket	Red plastic	10 A	3053220000
CXM CCP 2P BL	2-pole jumper for CSM PUSH IN socket for bridging to the neighboring 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 CMR 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 / Color	Order no.
CXX D 21N	Freewheeling diode	6-230 V DC		3053270000
CXX LD 41R	LED and freewheeling diode	6-24 V DC	Red	3053290000
CXX LD 41G	LED and freewheeling diode	6-24 V DC	Green	3053310000
CXX LD 42R	LED and freewheeling diode	24-60 V DC	Red	3053320000
CXX LD 42G	LED and freewheeling diode	24-60 V DC	Green	3053340000
CXX LD 43R	LED and freewheeling diode	110-230 V DC	Red	3053350000
CXX LD 43G	LED and freewheeling diode	110-230 V DC	Green	3053360000

Type	Description	Rated control voltage	Status-LED / Color	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 / Color	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

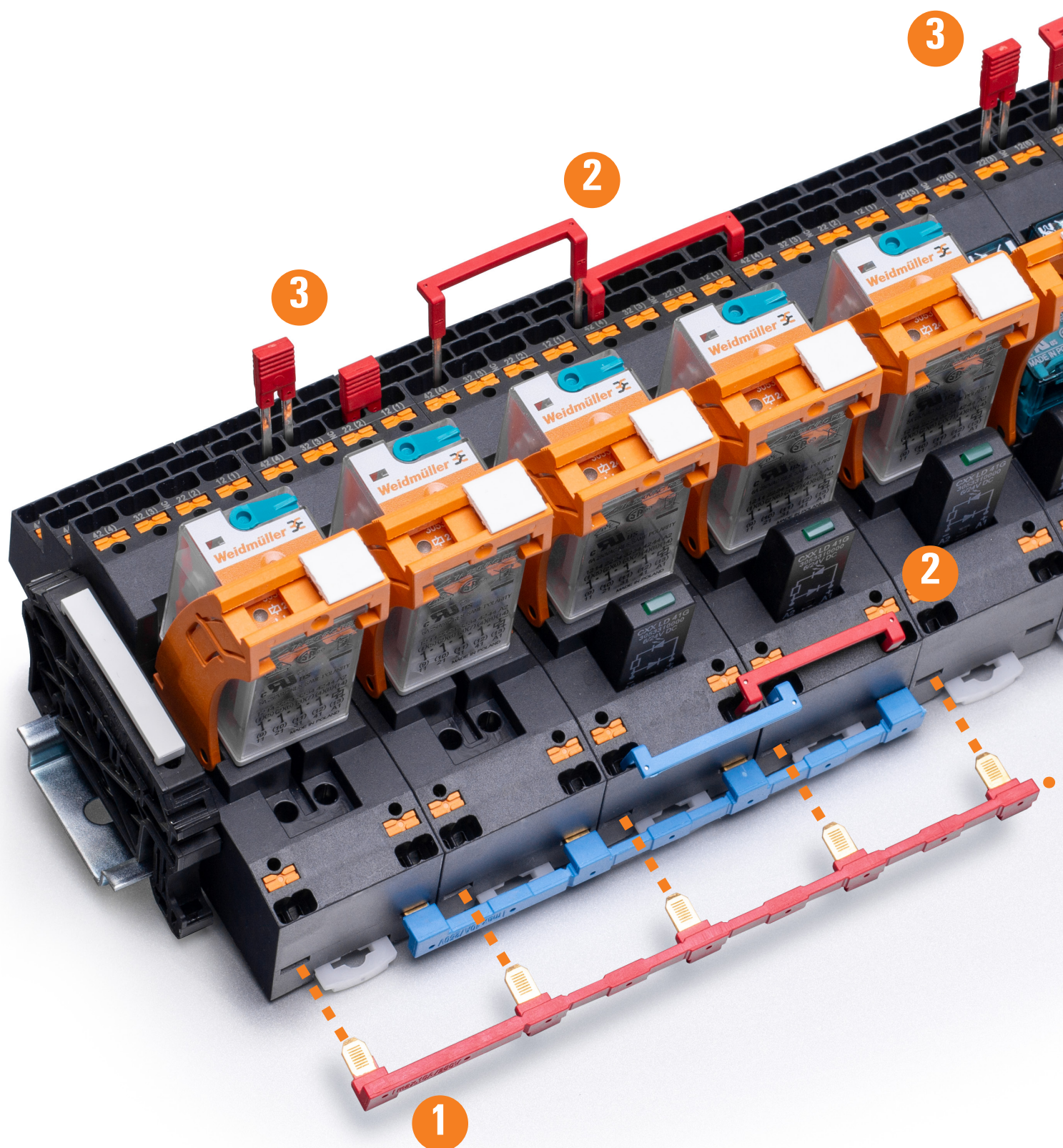
Type	Description	Rated control voltage	Status-LED / Color	Order no.
CXX V 71	Varistor	6-24 V AC		3053470000
CXX V 72	Varistor	110-130 V AC		3053480000
CXX V 73	Varistor	220-240 V AC		3053490000

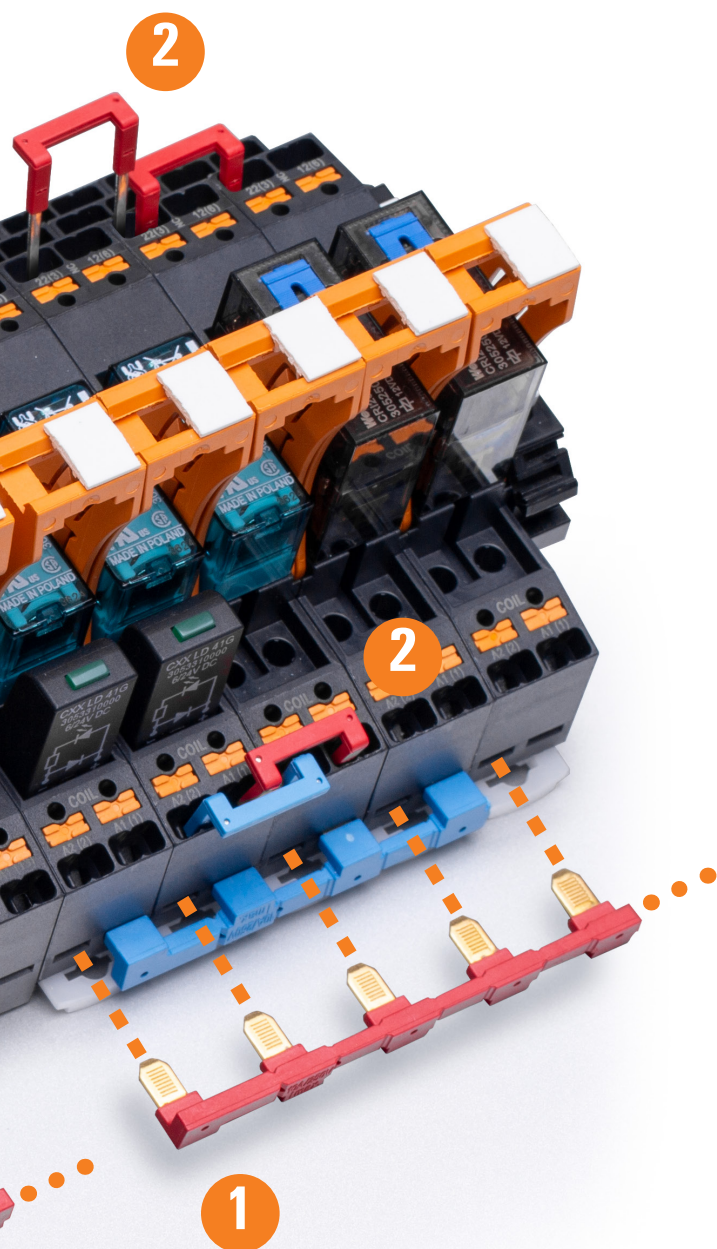


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Speed Up the Wiring of PUSH IN Sockets with a Wide Range of Jumpers





Various jumpers 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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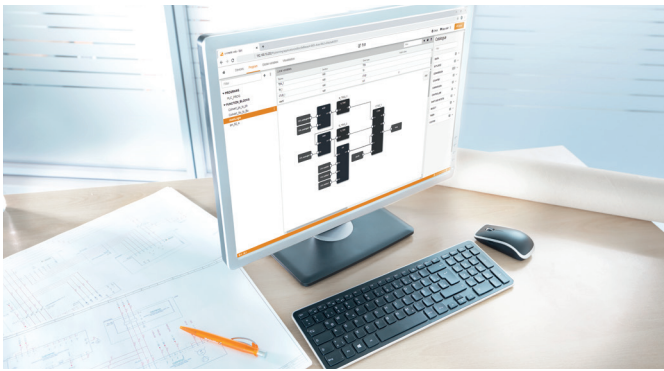


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Support for Relay Modules

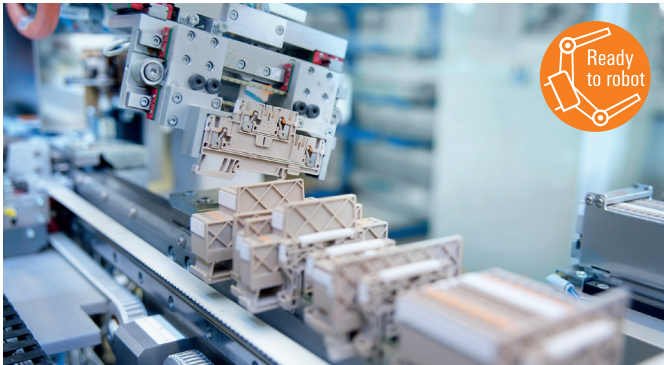
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Selection guide for electromechanical relay modules

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Relay Selector Guide

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