

CSI P 2CO**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Relay sockets for the CUBESERIES CRI relays

- 2 CO output version for 1 CO and 2 CO relays
- Screw and PUSH IN connection
- PUSH IN sockets with wide pushers for screwdrivers up to 1.0 x 5.5 mm blade size
- Various cross connection possibilities
- Matching accessories such as cross-connections, retaining clips and LED modules

General ordering data

Version	CUBESERIES, Relay socket, Number of contacts: 2, CO contact, Continuous current: 8 A, PUSH IN
Order No.	3052570000
Type	CSI P 2CO
GTIN (EAN)	4099987022408
Qty.	20 pc(s).

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Technical data

Dimensions and weights

Depth	45.9 mm	Depth (inches)	1.807 inch
Height	97 mm	Height (inches)	3.819 inch
Width	15.9 mm	Width (inches)	0.626 inch
Net weight	43 g		

Temperatures

Operating temperature	-20 °C...70 °C	Humidity	40 °C / 93 % rel. humidity, no condensation
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Rated data UL

Certificate No. (cURus)	E223759
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Control side

Status indicator	No
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Load side

Rated switching voltage		Continuous current	8 A @ 2CO; 12 A @ 1CO without bridged output wire connections; 16 A @ 1CO with bridged output wire connections
	250 V AC		
Max. switching voltage, AC	300 V	Contact type	2 CO contact

General data

Operating altitude	≤ 2000 m, above sea level		
Rail	TS 35		
Colour	black		
UL 94 flammability rating	V-0		
UL94 flammability rating component	Component	Socket	
	UL94 flammability rating	V-0	

Insulation coordination

Pollution severity	2	Surge voltage category	II
Insulating material group	IIIa	Dielectric strength for control side - load side	5 kV _{eff} / 1min
Dielectric strength of neighbouring con- tacts	3 kV _{eff} / 1 Min.	Dielectric strength to mounting rail	4 kV _{eff} / 1 Min.
Impulse withstand voltage	4 kV	Protection degree	IP20

Further details of approvals / standards

Certificate No. (CSA)	607178-80219312	Certificate No. (cURus)	E223759
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Technical data

Connection data

Wire connection method	PUSH IN	Stripping length, rated connection	8 mm
Clamping range, rated connection	1.5 mm ²	Clamping range, min.	0.5 mm ²
Clamping range, max.	1.5 mm ²	Wire cross-section, solid, min.	0.5 mm ²
Wire cross-section, solid, max.	1.5 mm ²	Wire cross-section, solid, min. (AWG)	AWG 20
Wire cross-section, solid, max. (AWG)	AWG 16	Wire connection cross section, finely stranded, max.	1.5 mm ²
Wire cross-section, finely stranded, min. (AWG)	AWG 24	Wire cross-section, finely stranded, max. (AWG)	AWG 16
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm ²
Blade size	0.6 x 3.5 mm		

Classifications

ETIM 6.0	EC001456	ETIM 7.0	EC001456
ETIM 8.0	EC001456	ETIM 9.0	EC001456
ETIM 10.0	EC001456	ECLASS 9.0	27-37-16-03
ECLASS 9.1	27-37-16-03	ECLASS 10.0	27-37-16-03
ECLASS 11.0	27-37-16-03	ECLASS 12.0	27-37-16-03
ECLASS 13.0	27-37-16-03	ECLASS 14.0	27-37-16-03
ECLASS 15.0	27-37-16-03		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E223759

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	Beipackzettel / Package Insert – multilingual Package Insert – multilingual
Catalogues	Catalogues in PDF-format

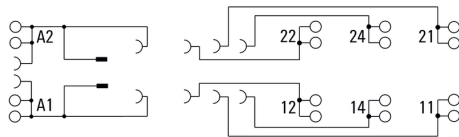
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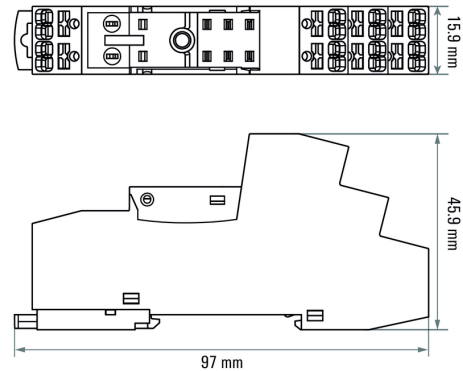
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Drawings

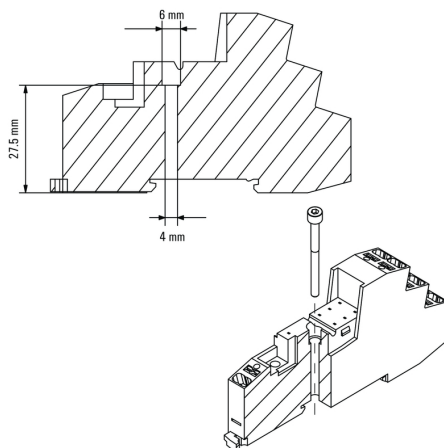
Wiring diagram



Dimensional drawing

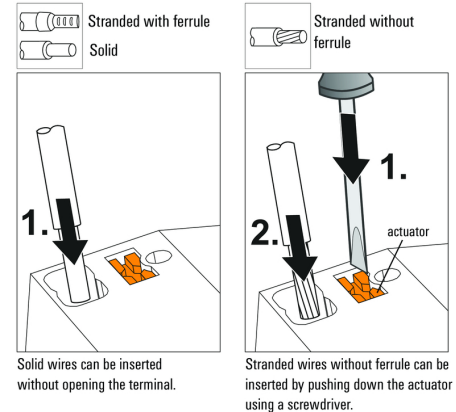


Dimensional drawing



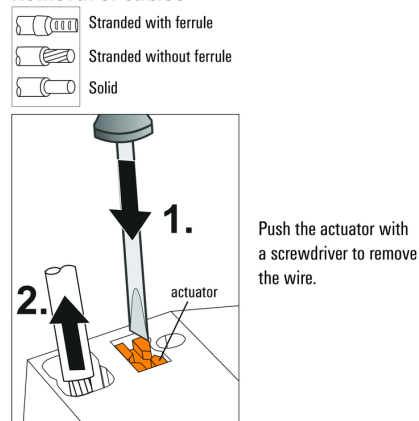
Miscellaneous

Insert flexible and solid cables



Miscellaneous

Removal of cables



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Accessories

Cross-connections



General ordering data

Type	CXX JMP 2P RD	Version
Order No.	3053250000	CUBESERIES, Cross-connector
GTIN (EAN)	4099987023078	
Qty.	30 pc(s).	
Type	CXX JMP 2P BL	Version
Order No.	3053260000	CUBESERIES, Cross-connector
GTIN (EAN)	4099987023085	
Qty.	30 pc(s).	

Protection modules



General ordering data

Type	CXX RC 51	Version
Order No.	3053370000	CUBESERIES, RC element, Rated control voltage: 6...24 V UC, Plug-in connection
GTIN (EAN)	4099987023160	
Qty.	20 pc(s).	
Type	CXX RC 52	Version
Order No.	3053390000	CUBESERIES, RC element, Rated control voltage: 24...60 V UC, Plug-in connection
GTIN (EAN)	4099987023177	
Qty.	20 pc(s).	
Type	CXX V 72	Version
Order No.	3053480000	CUBESERIES, Protective varistor, Rated control voltage: 110...130 V AC, Plug-in connection
GTIN (EAN)	4099987023269	
Qty.	20 pc(s).	
Type	CXX D 21N	Version
Order No.	3053270000	CUBESERIES, Free-wheeling diode, Rated control voltage: 6...230 V DC, Plug-in connection
GTIN (EAN)	4099987023092	
Qty.	20 pc(s).	

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Accessories

Type	CXX RC 53	Version
Order No.	3053400000	CUBESERIES, RC element, Rated control voltage: 110...230 V AC,
GTIN (EAN)	4099987023184	Plug-in connection
Qty.	20 pc(s).	
Type	CXX V 71	Version
Order No.	3053470000	CUBESERIES, Protective varistor, Rated control voltage: 6...24 V AC,
GTIN (EAN)	4099987023252	Plug-in connection
Qty.	20 pc(s).	
Type	CXX V 73	Version
Order No.	3053490000	CUBESERIES, Protective varistor, Rated control voltage: 220...240 V
GTIN (EAN)	4099987023276	AC, Plug-in connection
Qty.	20 pc(s).	

Cross-connections



Cross-connection for the sockets in the CUBESERIES CRI.

- Versions with red and blue coloured plastic for potential coding

Versions for PUSH IN sockets:

- 8-pin cross connection for A1 and A2 of the coil
- 2-pin jumper to connect to the neighbored sockets
- 2-pin jumper to connect the output channels within one socket

Version for screw sockets:

- 8-pin cross connection to connect to the neighbored sockets

General ordering data

Type	CXI CCP 2P BL	Version
Order No.	3052660000	CUBESERIES, Cross-connector
GTIN (EAN)	4099987022484	
Qty.	20 pc(s).	
Type	CXI CCP 2P RD	Version
Order No.	3052650000	CUBESERIES, Cross-connector
GTIN (EAN)	4099987022477	
Qty.	20 pc(s).	
Type	CXI CCP 8P BL	Version
Order No.	3052700000	CUBESERIES, Cross-connector
GTIN (EAN)	4099987022507	
Qty.	10 pc(s).	
Type	CXI CCP 8P RD	Version
Order No.	3052690000	CUBESERIES, Cross-connector
GTIN (EAN)	4099987022491	
Qty.	10 pc(s).	

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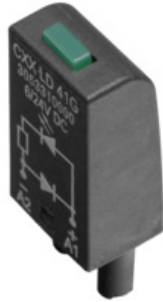
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Accessories

LED



General ordering data

Type	CXX L 61R	Version
Order No.	3053410000	CUBESERIES, LED module, Rated control voltage: 6...24 V UC, Plug-in connection
GTIN (EAN)	4099987023191	
Qty.	20 pc(s).	
Type	CXX L 61G	Version
Order No.	3053420000	CUBESERIES, LED module, Rated control voltage: 6...24 V UC, Plug-in connection
GTIN (EAN)	4099987023207	
Qty.	20 pc(s).	
Type	CXX L 62G	Version
Order No.	3053440000	CUBESERIES, LED module, Rated control voltage: 24...60 V UC, Plug-in connection
GTIN (EAN)	4099987023221	
Qty.	20 pc(s).	
Type	CXX L 63R	Version
Order No.	3053450000	CUBESERIES, LED module, Rated control voltage: 110...230 V UC, Plug-in connection
GTIN (EAN)	4099987023238	
Qty.	20 pc(s).	
Type	CXX L 62R	Version
Order No.	3053430000	CUBESERIES, LED module, Rated control voltage: 24...60 V UC, Plug-in connection
GTIN (EAN)	4099987023214	
Qty.	20 pc(s).	
Type	CXX L 63G	Version
Order No.	3053460000	CUBESERIES, LED module, Rated control voltage: 110...230 V UC, Plug-in connection
GTIN (EAN)	4099987023245	
Qty.	20 pc(s).	

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Accessories

Retaining clips



Retaining clips for CUBESERIES CRI relays.

Plastic retaining clip:

- With relay ejector function
- Marking slots for MultiFit markers
- Fits on relays with and without test button

Metal retaining clip:

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

General ordering data

Type	CXI CLIP LM	Version
Order No.	3052630000	CUBESERIES, Retaining clip
GTIN (EAN)	4099987022453	
Qty.	25 pc(s).	
Type	CXI CLIP HM	Version
Order No.	3052640000	CUBESERIES, Retaining clip
GTIN (EAN)	4099987022460	
Qty.	10 pc(s).	
Type	CXI CLIP P	Version
Order No.	3052710000	CUBESERIES, Retaining clip
GTIN (EAN)	4099987022514	
Qty.	10 pc(s).	

LED and free-wheeling diode



General ordering data

Type	CXX LD 43R	Version
Order No.	3053350000	CUBESERIES, LED module with freewheel diode, Rated control
GTIN (EAN)	4099987023146	voltage: 110...230 V DC, Plug-in connection
Qty.	20 pc(s).	
Type	CXX LD 41R	Version
Order No.	3053290000	CUBESERIES, LED module with freewheel diode, Rated control
GTIN (EAN)	4099987023108	voltage: 6...24 V DC, Plug-in connection
Qty.	20 pc(s).	
Type	CXX LD 42R	Version
Order No.	3053320000	CUBESERIES, LED module with freewheel diode, Rated control
GTIN (EAN)	4099987023122	voltage: 24...60 V DC, Plug-in connection
Qty.	20 pc(s).	

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Type	CXX LD 42G	Version
Order No.	3053340000	CUBESERIES, LED module with freewheel diode, Rated control
GTIN (EAN)	4099987023139	voltage: 24...60 V DC, Plug-in connection
Qty.	20 pc(s).	
Type	CXX LD 43G	Version
Order No.	3053360000	CUBESERIES, LED module with freewheel diode, Rated control
GTIN (EAN)	4099987023153	voltage: 110...230 V DC, Plug-in connection
Qty.	20 pc(s).	
Type	CXX LD 41G	Version
Order No.	3053310000	CUBESERIES, LED module with freewheel diode, Rated control
GTIN (EAN)	4099987023115	voltage: 6...24 V DC, Plug-in connection
Qty.	20 pc(s).	

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