

## 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.	<a href="#">3052570000</a>
Type	CSI P 2CO
GTIN (EAN)	4099987022408
Qty.	20 items

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## Technical data

### Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E223759

### Dimensions and weights

Depth	45.9 mm	Depth (inches)	1.8071 inch
Height	97 mm	Height (inches)	3.8189 inch
Width	15.9 mm	Width (inches)	0.626 inch
Net weight	43 g		

### Temperatures

Storage temperature	Ambient temperature	-40 °C...70 °C
Operating temperature	Humidity	40 °C / 93 % rel. humidity, no condensation

### Environmental Product Compliance

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

### Rated data UL

Certificate No. (cURus) E223759

### Control side

Status indicator No

### Load side

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

### General data

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

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## Technical data

### Insulation coordination

Rated voltage	300 V	Pollution severity	2
Surge voltage category	II	Insulating material group	IIIa
Dielectric strength for control side - load side	5 kVeff / 1min	Dielectric strength of neighbouring contacts	3 KVeff / 1 Min.
Dielectric strength to mounting rail	4 kVeff / 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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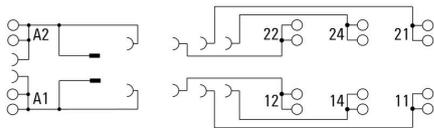
### Connection data

Wire connection method	PUSH IN	Stripping length, rated connection	8 mm
Clamping range, rated connection	1.5 mm <sup>2</sup>	Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	1.5 mm <sup>2</sup>	Wire cross-section, solid, min.	0.5 mm <sup>2</sup>
Wire cross-section, solid, max.	1.5 mm <sup>2</sup>	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 <sup>2</sup>
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 <sup>2</sup>	Blade size	0.6 x 3.5 mm

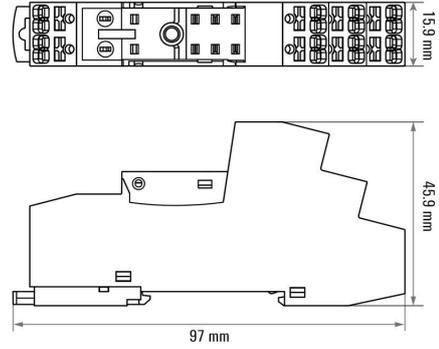
### Classifications

ETIM 8.0	EC001456	ETIM 9.0	EC001456
ETIM 10.0	EC001456	ECLASS 14.0	27-37-16-03
ECLASS 15.0	27-37-16-03		

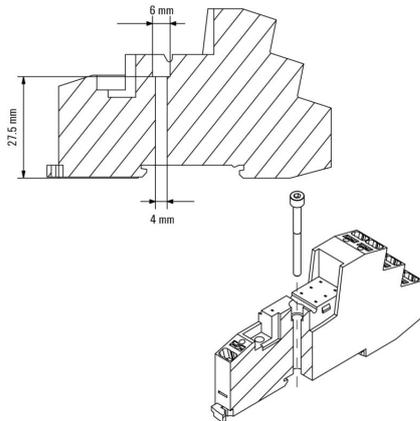
Wiring diagram



Dimensional drawing



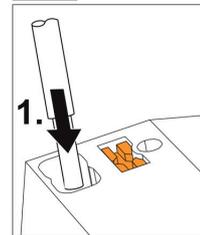
Dimensional drawing



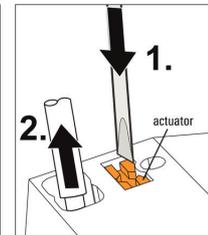
Miscellaneous

Insertion and removal of cables

-  Stranded with ferrule →  Square crimp
-  Solid  Hex crimp
-  Stranded without ferrule (not permitted)



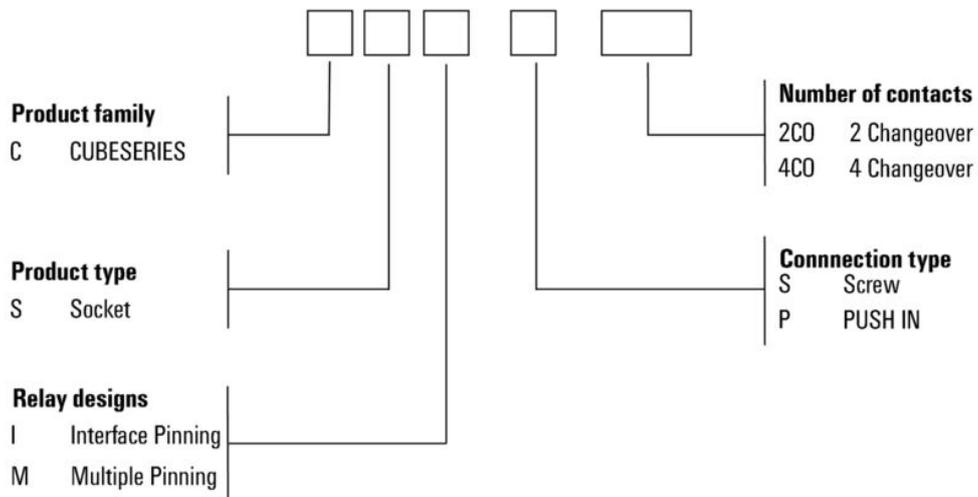
Solid cables can be inserted without opening the terminal.



Push the actuator with a screwdriver to remove the cables.

Miscellaneous

## Type code CUBESERIES socket versions



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## Accessories

## 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.	<a href="#">3052660000</a>	CUBESERIES, Cross-connector
GTIN (EAN)	4099987022484	
Qty.	20 ST	
Type	CXI CCP 2P RD	Version
Order No.	<a href="#">3052650000</a>	CUBESERIES, Cross-connector
GTIN (EAN)	4099987022477	
Qty.	20 ST	
Type	CXI CCP 8P BL	Version
Order No.	<a href="#">3052700000</a>	CUBESERIES, Cross-connector
GTIN (EAN)	4099987022507	
Qty.	10 ST	
Type	CXI CCP 8P RD	Version
Order No.	<a href="#">3052690000</a>	CUBESERIES, Cross-connector
GTIN (EAN)	4099987022491	
Qty.	10 ST	

## 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 HM	Version
Order No.	<a href="#">3052640000</a>	CUBESERIES, Retaining clip
GTIN (EAN)	4099987022460	
Qty.	10 ST	
Type	CXI CLIP LM	Version
Order No.	<a href="#">3052630000</a>	CUBESERIES, Retaining clip
GTIN (EAN)	4099987022453	
Qty.	25 ST	

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Type	CXI CLIP P	Version
Order No.	<a href="#">3052710000</a>	CUBESERIES, Retaining clip
GTIN (EAN)	4099987022514	
Qty.	10 ST	

## 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

Versions for screw sockets:

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

## General ordering data

Type	CXX JMP 2P BL	Version
Order No.	<a href="#">3053260000</a>	CUBESERIES, Cross-connector
GTIN (EAN)	4099987023085	
Qty.	30 ST	
Type	CXX JMP 2P RD	Version
Order No.	<a href="#">3053250000</a>	CUBESERIES, Cross-connector
GTIN (EAN)	4099987023078	
Qty.	30 ST	

## LED



## General ordering data

Type	CXX L 61G	Version
Order No.	<a href="#">3053420000</a>	CUBESERIES, LED module, Rated control voltage: 6...24 V UC, Plug-in connection
GTIN (EAN)	4099987023207	
Qty.	20 ST	
Type	CXX L 61R	Version
Order No.	<a href="#">3053410000</a>	CUBESERIES, LED module, Rated control voltage: 6...24 V UC, Plug-in connection
GTIN (EAN)	4099987023191	
Qty.	20 ST	
Type	CXX L 62G	Version
Order No.	<a href="#">3053440000</a>	CUBESERIES, LED module, Rated control voltage: 24...60 V UC, Plug-in connection
GTIN (EAN)	4099987023221	
Qty.	20 ST	

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## Accessories

Type	CXX L 62R	Version
Order No.	<a href="#">3053430000</a>	CUBESERIES, LED module, Rated control voltage: 24...60 V UC, Plug-
GTIN (EAN)	4099987023214	in connection
Qty.	20 ST	
Type	CXX L 63G	Version
Order No.	<a href="#">3053460000</a>	CUBESERIES, LED module, Rated control voltage: 110...230 V UC,
GTIN (EAN)	4099987023245	Plug-in connection
Qty.	20 ST	
Type	CXX L 63R	Version
Order No.	<a href="#">3053450000</a>	CUBESERIES, LED module, Rated control voltage: 110...230 V UC,
GTIN (EAN)	4099987023238	Plug-in connection
Qty.	20 ST	

## LED and free-wheeling diode



### General ordering data

Type	CXX LD 41G	Version
Order No.	<a href="#">3053310000</a>	CUBESERIES, LED module with freewheel diode, Rated control
GTIN (EAN)	4099987023115	voltage: 6...24 V DC, Plug-in connection
Qty.	20 ST	

## LED and free-wheel diode



### General ordering data

Type	CXX LD 41R	Version
Order No.	<a href="#">3053290000</a>	CUBESERIES, LED module with freewheel diode, Rated control
GTIN (EAN)	4099987023108	voltage: 6...24 V DC, Plug-in connection
Qty.	20 ST	
Type	CXX LD 42G	Version
Order No.	<a href="#">3053340000</a>	CUBESERIES, LED module with freewheel diode, Rated control
GTIN (EAN)	4099987023139	voltage: 24...60 V DC, Plug-in connection
Qty.	20 ST	

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### LED and free-wheeling diode



#### General ordering data

Type	CXX LD 42R	Version	
Order No.	<a href="#">3053320000</a>	CUBESERIES, LED module with freewheel diode, Rated control	
GTIN (EAN)	4099987023122	voltage: 24...60 V DC, Plug-in connection	
Qty.	20 ST		
Type	CXX LD 43G	Version	
Order No.	<a href="#">3053360000</a>	CUBESERIES, LED module with freewheel diode, Rated control	
GTIN (EAN)	4099987023153	voltage: 110...230 V DC, Plug-in connection	
Qty.	20 ST		
Type	CXX LD 43R	Version	
Order No.	<a href="#">3053350000</a>	CUBESERIES, LED module with freewheel diode, Rated control	
GTIN (EAN)	4099987023146	voltage: 110...230 V DC, Plug-in connection	
Qty.	20 ST		

### Protection modules



#### General ordering data

Type	CXX D 21N	Version	
Order No.	<a href="#">3053270000</a>	CUBESERIES, Free-wheeling diode, Rated control voltage: 6...230 V	
GTIN (EAN)	4099987023092	DC, Plug-in connection	
Qty.	20 ST		
Type	CXX RC 51	Version	
Order No.	<a href="#">3053370000</a>	CUBESERIES, RC element, Rated control voltage: 6...24 V UC, Plug-in	
GTIN (EAN)	4099987023160	connection	
Qty.	20 ST		
Type	CXX RC 52	Version	
Order No.	<a href="#">3053390000</a>	CUBESERIES, RC element, Rated control voltage: 24...60 V UC, Plug-	
GTIN (EAN)	4099987023177	in connection	
Qty.	20 ST		

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Type	CXX RC 53	Version
Order No.	<a href="#">3053400000</a>	CUBESERIES, RC element, Rated control voltage: 110...230 V AC,
GTIN (EAN)	4099987023184	Plug-in connection
Qty.	20 ST	
Type	CXX V 71	Version
Order No.	<a href="#">3053470000</a>	CUBESERIES, Protective varistor, Rated control voltage: 6...24 V AC,
GTIN (EAN)	4099987023252	Plug-in connection
Qty.	20 ST	
Type	CXX V 72	Version
Order No.	<a href="#">3053480000</a>	CUBESERIES, Protective varistor, Rated control voltage: 110...130 V
GTIN (EAN)	4099987023269	AC, Plug-in connection
Qty.	20 ST	
Type	CXX V 73	Version
Order No.	<a href="#">3053490000</a>	CUBESERIES, Protective varistor, Rated control voltage: 220...240 V
GTIN (EAN)	4099987023276	AC, Plug-in connection
Qty.	20 ST	

## Accessories



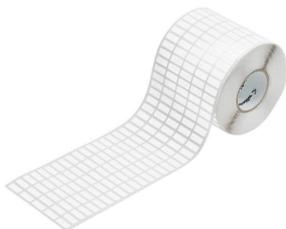
### System accessory

Discover a wide range of accessories for your u-remote system - the ideal addition to make your applications even more efficient and flexible.

## General ordering data

Type	UR20-EBK-ACC	Version
Order No.	<a href="#">1346610000</a>	End bracket, ,
GTIN (EAN)	4050118151596	
Qty.	5 ST	

## white



The THM labels offer brilliant printing quality thanks to the thermal transfer technology. Different materials and the user-friendly printing system under Windows optimise every marking effort.

- High-quality polyester labels in various colours or inexpensive paper labels are available
- Labels are automatically positioned in the printer for perfectly centred prints on each label.

## General ordering data

Type	THM MT30X 12/6 WS	Version
Order No.	<a href="#">2466760000</a>	THM, Device markers, 6 x 12 mm, white
GTIN (EAN)	4050118480887	
Qty.	1 ST	