

**CSI S 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, Screw connection |
| Order No.  | <a href="#">3052590000</a>                                                                             |
| Type       | CSI S 2CO                                                                                              |
| GTIN (EAN) | 4099987022422                                                                                          |
| Qty.       | 10 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 | 45 g    |                 |            |

## Temperatures

|                       |                |
|-----------------------|----------------|
| Operating temperature | -40 °C...70 °C |
|-----------------------|----------------|

## Rated data UL

|                         |         |
|-------------------------|---------|
| Certificate No. (cURus) | E223759 |
|-------------------------|---------|

## Control side

|                  |    |
|------------------|----|
| Status indicator | No |
|------------------|----|

## Load side

|                            |          |                    |                                                                                                                            |
|----------------------------|----------|--------------------|----------------------------------------------------------------------------------------------------------------------------|
| Rated switching voltage    |          | Continuous current | 8 A @ 2CO; 12 A @ 1CO<br>without bridged output<br>wire connections; 16 A @<br>1CO with bridged output<br>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

|                                              |                              |                                                  |                             |
|----------------------------------------------|------------------------------|--------------------------------------------------|-----------------------------|
| Surge voltage category                       | IV                           | Dielectric strength for control side - load side | 5 kV <sub>eff</sub> / 1 min |
| Dielectric strength of neighbouring contacts | 3 kV <sub>eff</sub> / 1 Min. | Dielectric strength to mounting rail             | 5 kV <sub>eff</sub> / 1 min |
| Impulse withstand voltage                    | 6 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                                                                  | Screw connection    | Stripping length, rated connection                                                      | 8 mm                |
| Clamping range, rated connection                                                        | 2.5 mm <sup>2</sup> | Clamping range, min.                                                                    | 2.5 mm <sup>2</sup> |
| Clamping range, max.                                                                    | 4 mm <sup>2</sup>   | Wire cross-section, solid, min.                                                         | 2.5 mm <sup>2</sup> |
| Wire cross-section, solid, max.                                                         | 4 mm <sup>2</sup>   | Wire connection cross section, finely stranded, min.                                    | 2.5 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, max.                                    | 4 mm <sup>2</sup>   | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 2.5 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 4 mm <sup>2</sup>   | Twin wire-end ferrules, min.                                                            | 1.5 mm <sup>2</sup> |
| Twin wire-end ferrules, max.                                                            | 2.5 mm <sup>2</sup> | Blade size                                                                              | PZ 1                |

## 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         | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a> |
| ROHS                    | Conform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UL File Number Search   | UL Website                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Certificate No. (cURus) | E223759                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## Downloads

|                                             |                                                                                                                |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a>                                        |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                                                |
| User Documentation                          | <a href="#">Beipackzettel / Package Insert – multilingual</a><br><a href="#">Package Insert – multilingual</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                                       |

## CSI S 2CO

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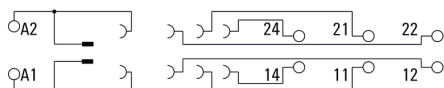
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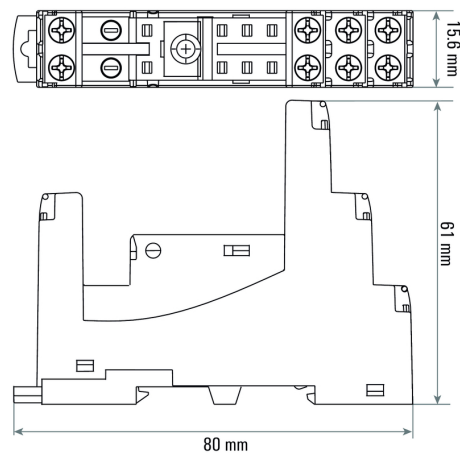
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## Drawings

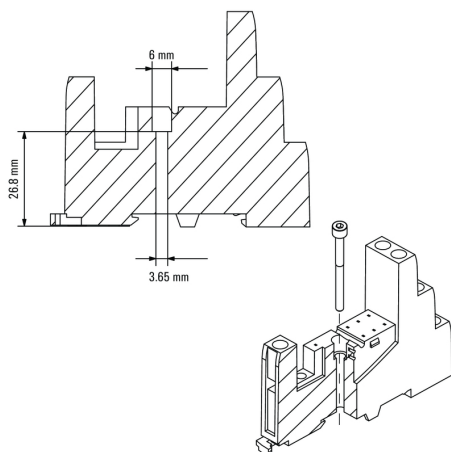
### Wiring diagram



### Dimensional drawing



### Dimensional drawing



## CSI S 2CO

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## Accessories

## LED and free-wheeling diode



## General ordering data

|            |                            |                                                            |
|------------|----------------------------|------------------------------------------------------------|
| 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 pc(s).                  |                                                            |
| 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 pc(s).                  |                                                            |
| 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 pc(s).                  |                                                            |
| 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 pc(s).                  |                                                            |
| 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 pc(s).                  |                                                            |
| 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 pc(s).                  |                                                            |

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## Accessories

## Protection modules



## General ordering data

|            |                            |                                                                                            |
|------------|----------------------------|--------------------------------------------------------------------------------------------|
| Type       | CXX RC 51                  | Version                                                                                    |
| Order No.  | <a href="#">3053370000</a> | CUBESERIES, RC element, Rated control voltage: 6...24 V UC, Plug-in connection             |
| GTIN (EAN) | 4099987023160              |                                                                                            |
| Qty.       | 20 pc(s).                  |                                                                                            |
| Type       | CXX V 73                   | Version                                                                                    |
| Order No.  | <a href="#">3053490000</a> | CUBESERIES, Protective varistor, Rated control voltage: 220...240 V AC, Plug-in connection |
| GTIN (EAN) | 4099987023276              |                                                                                            |
| Qty.       | 20 pc(s).                  |                                                                                            |
| Type       | CXX V 71                   | Version                                                                                    |
| Order No.  | <a href="#">3053470000</a> | CUBESERIES, Protective varistor, Rated control voltage: 6...24 V AC, Plug-in connection    |
| GTIN (EAN) | 4099987023252              |                                                                                            |
| Qty.       | 20 pc(s).                  |                                                                                            |
| Type       | CXX D 21N                  | Version                                                                                    |
| Order No.  | <a href="#">3053270000</a> | CUBESERIES, Free-wheeling diode, Rated control voltage: 6...230 V DC, Plug-in connection   |
| GTIN (EAN) | 4099987023092              |                                                                                            |
| Qty.       | 20 pc(s).                  |                                                                                            |
| Type       | CXX RC 53                  | Version                                                                                    |
| Order No.  | <a href="#">3053400000</a> | CUBESERIES, RC element, Rated control voltage: 110...230 V AC, Plug-in connection          |
| GTIN (EAN) | 4099987023184              |                                                                                            |
| Qty.       | 20 pc(s).                  |                                                                                            |
| Type       | CXX RC 52                  | Version                                                                                    |
| Order No.  | <a href="#">3053390000</a> | 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.  | <a href="#">3053480000</a> | CUBESERIES, Protective varistor, Rated control voltage: 110...130 V AC, Plug-in connection |
| GTIN (EAN) | 4099987023269              |                                                                                            |
| Qty.       | 20 pc(s).                  |                                                                                            |

## CSI S 2CO

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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 CCS 8P GY              | Version                     |
|------------|----------------------------|-----------------------------|
| Order No.  | <a href="#">3052620000</a> | CUBESERIES, Cross-connector |
| GTIN (EAN) | 4099987022446              |                             |
| Qty.       | 2 pc(s).                   |                             |

## 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.  | <a href="#">3052630000</a> | CUBESERIES, Retaining clip |
| GTIN (EAN) | 4099987022453              |                            |
| Qty.       | 25 pc(s).                  |                            |
| Type       | CXI CLIP HM                | Version                    |
| Order No.  | <a href="#">3052640000</a> | CUBESERIES, Retaining clip |
| GTIN (EAN) | 4099987022460              |                            |
| Qty.       | 10 pc(s).                  |                            |
| Type       | CXI CLIP P                 | Version                    |
| Order No.  | <a href="#">3052710000</a> | CUBESERIES, Retaining clip |
| GTIN (EAN) | 4099987022514              |                            |
| Qty.       | 10 pc(s).                  |                            |

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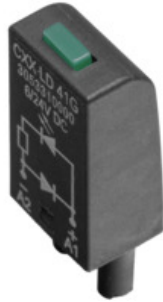
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## Accessories

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

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