

CSM S 4CO**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Relay sockets for the CUBESERIES CRM relays

- 4 CO output version for 2 CO and 4 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: 4, CO contact, Continuous current: 6 A, Screw connection
Order No.	3053160000
Type	CSM S 4CO
GTIN (EAN)	4099987022989
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Depth	61 mm	Depth (inches)	2.402 inch
Height	75 mm	Height (inches)	2.953 inch
Width	27 mm	Width (inches)	1.063 inch
Net weight	73.6 g		

Temperatures

Operating temperature	-40 °C...70 °C
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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

Continuous current	12 A @ 2 CO; 6 A @ 4 CO	Max. switching voltage, AC	300 V
Contact type	4 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	II	Dielectric strength for control side - load side	4 kV _{eff} / 1 Min.
Dielectric strength of neighbouring contacts	3 kV _{eff} / 1 Min.	Dielectric strength to mounting rail	4 kV _{eff} / 1 Min.
Impulse withstand voltage	3 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
Tightening torque, min.	0.7 Nm	Clamping range, rated connection	2.5 mm ²
Clamping range, min.	2.5 mm ²	Clamping range, max.	4 mm ²
Wire cross-section, solid, min.	2.5 mm ²	Wire cross-section, solid, max.	4 mm ²
Wire cross-section, solid, min. (AWG)	AWG 20	Wire cross-section, solid, max. (AWG)	AWG 16
Wire connection cross section, finely stranded, min.	2.5 mm ²	Wire connection cross section, finely stranded, max.	4 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, min.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm ²
Twin wire-end ferrules, min.	1.5 mm ²	Twin wire-end ferrules, max.	2.5 mm ²
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	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

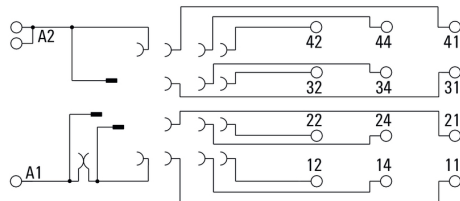
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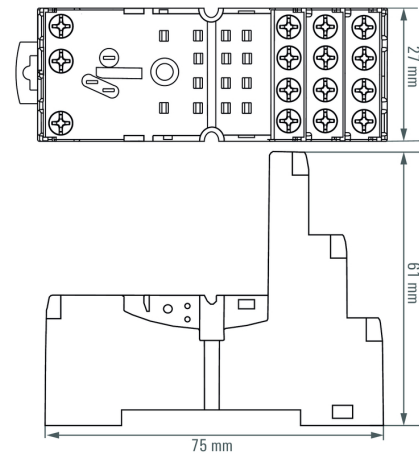
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Drawings

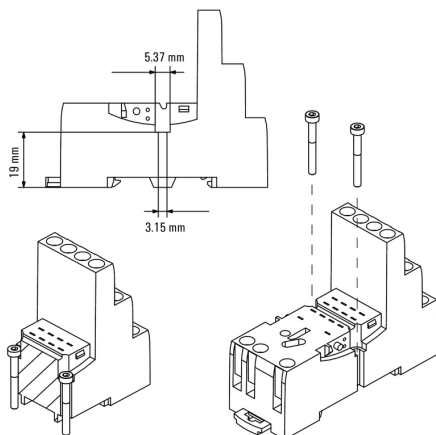
Wiring diagram



Dimensional drawing



Dimensional drawing



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Accessories

Cross-connections



General ordering data

Type	CXM CCS 6P GY	Version
Order No.	3053180000	CUBESERIES, Cross-connector
GTIN (EAN)	4099987023009	
Qty.	2 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 V 73	Version
Order No.	3053490000	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.	3053470000	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.	3053270000	CUBESERIES, Free-wheeling diode, Rated control voltage: 6...230 V DC, Plug-in connection
GTIN (EAN)	4099987023092	
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).	

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Accessories

Type	CXX V 72	Version
Order No.	3053480000	CUBESERIES, Protective varistor, Rated control voltage: 110...130 V
GTIN (EAN)	4099987023269	AC, Plug-in connection
Qty.	20 pc(s).	

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).	

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

General ordering data

Type	CXM CLIP M	Version
Order No.	3053190000	CUBESERIES, Retaining clip
GTIN (EAN)	4099987023016	
Qty.	25 pc(s).	

Type	CXM CLIP P	Version
Order No.	3053240000	CUBESERIES, Retaining clip
GTIN (EAN)	4099987023061	
Qty.	10 pc(s).	

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 63G	Version
Order No.	3053460000	CUBESERIES, LED module, Rated control voltage: 110...230 V UC,
GTIN (EAN)	4099987023245	Plug-in connection
Qty.	20 pc(s).	

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Catalogue status 24.05.2025 / We reserve the right to make technical changes.

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Accessories

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

LED and free-wheeling diode



General ordering data

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).	
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 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).	

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Accessories

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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www.weidmueller.com**Drawings****Miscellaneous****Type code CUBESERIES socket versions**