

SRC 2CO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image



Relay modules with forcibly guided contacts
Relays with forcibly guided contacts have a 99 % diagnostics coverage and an excellent reputation for use in safety systems. The contacts interlock mechanically with each other in order to ensure a synchronous switching status of both contacts. This guarantees that the alert contact will maintain the same switching status in the event of an error (for example, if the working contact welds from an overload). The controller (or safety controller) detects the alert contact and then compares the set values and actual values. If a difference occurs, measures can then be taken to protect equipment and human life.

- 2 CO contacts with 6 A, forcibly guided according to EN 61810-3 type B
- Proven component in safety technology
- Diagnosis coverage of 99 %

General ordering data

Version	RIDERSERIES FG, Relay socket, Number of contacts: 2, CO contact, Screw connection
Order No.	8690830000
Type	SRC 2CO
GTIN (EAN)	4032248361519
Qty.	10 pc(s).

SRC 2CO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	61 mm	Depth (inches)	2.402 inch
Height	77.6 mm	Height (inches)	3.055 inch
Width	15.6 mm	Width (inches)	0.614 inch
Net weight	43.26 g		

Temperatures

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

Rated data UL

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

Load side

Rated switching voltage	300 V AC	Continuous current	12 A
Contact type	2 CO contact		

General data

Rail	TS 35	Colour	black
------	-------	--------	-------

Insulation coordination

Dielectric strength for control side - load side	2.5 kV _{eff} / 1 Min.	Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.
Protection degree	IP20		

Further details of approvals / standards

Standards	UL508	Certificate No. (cURus)	E223759
-----------	-------	-------------------------	---------

Connection data

Wire connection method	Screw connection	Stripping length, rated connection	7 mm
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.8 Nm
Clamping range, rated connection	2.5 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.	2.5 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Wire connection cross section, finely stranded, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	2.5 mm ²	Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm ²
Wire cross-section, finely stranded, two clampable wires, max.	2.5 mm ²	Blade size	size PH1
Pitch in mm (P)	5 mm		

SRC 2CO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Classifications

ETIM 6.0	EC001456	ETIM 7.0	EC001456
ETIM 8.0	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		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E223759

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
Catalogues	Catalogues in PDF-format

SRC 2CO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

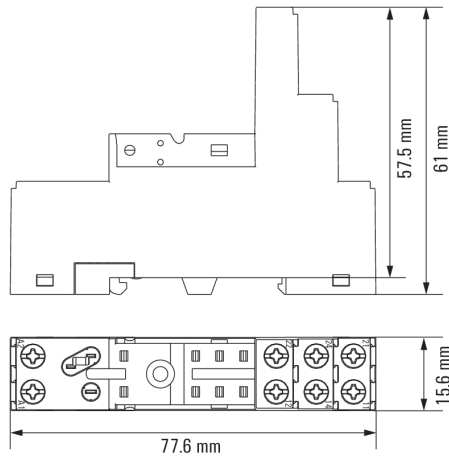
D-32758 Detmold

Germany

www.weidmueller.com

Drawings

Dimensional drawing



SRC 2CO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Individual components



Relay modules with forcibly guided contacts

Relays with forcibly guided contacts have a 99 % diagnostics coverage and an excellent reputation for use in safety systems. The contacts interlock mechanically with each other in order to ensure a synchronous switching status of both contacts. This guarantees that the alert contact will maintain the same switching status in the event of an error (for example, if the working contact welds from an overload). The controller (or safety controller) detects the alert contact and then compares the set values and actual values. If a difference occurs, measures can then be taken to protect equipment and human life.

- 2 CO contacts with 6 A, forcibly guided according to EN 61810-3 type B
- Proven component in safety technology
- Diagnosis coverage of 99 %

General ordering data

Type	SRC MARK	Version
Order No.	8693270000	RIDERSERIES FG, Label
GTIN (EAN)	4032248364725	
Qty.	10 pc(s).	
Type	RIM 2 6/24VDC GN	Version
Order No.	8713720000	RIDERSERIES FG, LED module with freewheel diode, Rated control
GTIN (EAN)	4032248389872	voltage: 6...24 V DC, Plug-in connection
Qty.	10 pc(s).	

Crosshead screwdriver Phillips



VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip

General ordering data

Type	SDIK PH1 X 80	Version
Order No.	2749890000	Screwdriver, Blade length: 80 mm
GTIN (EAN)	4050118897098	
Qty.	1 pc(s).	

SRC 2CO**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****Crosshead screwdriver, Phillips**

VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

Type	SDIK SLIM PH1 X 80	Version
Order No.	2749650000	Mounting tool, Blade length: 80 mm
GTIN (EAN)	4050118896398	
Qty.	1 pc(s).	

Crosshead screwdriver Phillips

Crosshead screwdriver, Phillips, SDK PH DIN 5262, ISO 8764/2-PH, output to ISO 8764-PH, ChromTop tip, SoftFinish grip

General ordering data

Type	SDK PH1 X 80	Version
Order No.	2749410000	Screwdriver, Blade length: 80 mm
GTIN (EAN)	4050118895636	
Qty.	1 pc(s).	

SRC 2CO**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****Retaining clips**

Retaining clip for RIDERSERIES RCI relays

- Metal and plastic retaining clip

General ordering data

Type	SRC-I CLIP HM RCI	Version
Order No.	1132090000	RIDERSERIES RCI, Retaining clip
GTIN (EAN)	4032248912209	
Qty.	20 pc(s).	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Weidmuller:](#)

[8690830000](#)