

SRC 2CO Z**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 bases, Number of contacts: 2, CO contact, Tension-clamp connection
Order No.	8783930000
Type	SRC 2CO Z
GTIN (EAN)	4032248471430
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Depth	45 mm	Depth (inches)	1.772 inch
Height	98.1 mm	Height (inches)	3.862 inch
Net weight	38.5 g	Width	16 mm
Width (inches)	0.63 inch		

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
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Load side

Continuous current	12 A	Rated switching voltage	300 V AC
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Contact data

Contact type	2 CO contact
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General data

Rail	TS 35	Colour	black
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Insulation coordination

Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.	Dielectric strength, Input/Output	2.5 kV _{eff} / 1 Min.
Protection degree	IP20		

Further details of approvals / standards

Standards	UL508	Certificate No. (cURus)	E223759
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Connection data

Wire connection method	Tension-clamp connection	Stripping length, rated connection	11 mm
Clamping range, rated connection	1.5 mm ²	Clamping range, min.	0.25 mm ²
Clamping range, max.	1.5 mm ²	Wire cross-section, solid, min.	0.25 mm ²
Wire cross-section, solid, max.	1.5 mm ²	Wire connection cross section, finely stranded, min.	0.25 mm ²
Wire connection cross section, finely stranded, max.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.25 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	0.5 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.25 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	0.75 mm ²	Blade size	0.4 x 2.5 mm
Pitch in mm (P)	5 mm		

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www.weidmueller.com**Technical data****Classifications**

ETIM 6.0	EC001456	ETIM 7.0	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	STEP
Engineering Data	EPLAN, WSCAD

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Drawings

Dimensional drawing

