

SRC 2CO Z

Weidmüller Interface GmbH & Co. KG

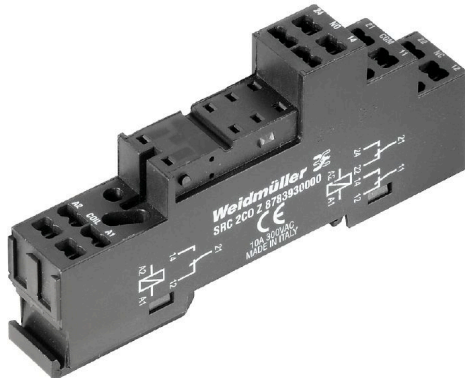
Klingenbergstraße 26

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 socket, Number of contacts: 2, CO contact, Tension-clamp connection
Order No.	8783930000
Type	SRC 2CO Z
GTIN (EAN)	4032248471430
Qty.	10 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 mm	Depth (inches)	1.7716 inch
Height	98.1 mm	Height (inches)	3.8622 inch
Width	16 mm	Width (inches)	0.6299 inch
Net weight	38.5 g		

Temperatures

Storage temperature	-40 °C...70 °C	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

Load side

Continuous current	12 A	Contact type	2 CO contact
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General data

Mounting rail	TS 35	Colour	black
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Insulation coordination

Dielectric strength for control side - load side	2.5 kVeff / 1 Min.	Dielectric strength of neighbouring contacts	2.5 kVeff / 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

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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)	5.00 mm		

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		

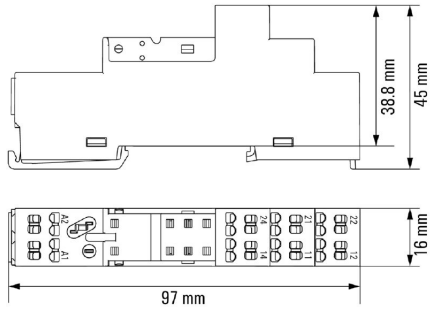
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Drawings

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Dimensional drawing



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Accessories

Individual components



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General ordering data

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 ST		
Type	SRC MARK	Version	
Order No.	8693270000	RIDERSERIES FG, Label	
GTIN (EAN)	4032248364725		
Qty.	10 ST		
Type	SRC-I CLIP HM RCI	Version	
Order No.	1132090000	RIDERSERIES RCI, Retaining clip	
GTIN (EAN)	4032248912209		
Qty.	20 ST		

Slotted screwdriver



VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1.
SoftFinish grip

General ordering data

Type	SDIS 0.4X2.5X75	Version	
Order No.	2749790000	Screwdriver, Blade width (B): 2.5 mm, Blade length: 75 mm, Blade	
GTIN (EAN)	4050118896534	thickness (A): 0.4 mm	
Qty.	1 ST		
Type	SDS 0.4X2.5X75	Version	
Order No.	2749320000	Screwdriver, Blade width (B): 2.5 mm, Blade length: 75 mm, Blade	
GTIN (EAN)	4050118895544	thickness (A): 0.4 mm	
Qty.	1 ST		

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Accessories

ESG 6/15



Guaranteed long service life: ESG

The multi-colour and multi-format labels have a strong adhesive layer to ensure the best possible adhesion to the underlying surface. Double laminated polyester makes the basic material very thin and yet extremely tear-resistant.

Your benefits with MultiMark

- "Different materials for various requirements"
- Can be used with equipment from many manufacturers
- Device markers with a familiar design

General ordering data

Type	ESG 6/15 MM WS	Version	
Order No.	2619940000		ESG, Device markers, 6 x 15 mm, white
GTIN (EAN)	4050118626148		
Qty.	3000 ST		

ESG 6/17



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- Device markers with a familiar design

General ordering data

Type	ESG 6/17 MM WS	Version	
Order No.	2005100000		ESG, Device markers, 6 x 17 mm, white
GTIN (EAN)	4050118390728		
Qty.	3000 ST		