

RIDERSERIES FG
SRC 2CO Z

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Product image


- Coupling relay with positively driven contacts: for monitoring signals within safety-critical circuits
- Relays with positively driven contacts have a 99% diagnostics coverage and an excellent reputation for use in safety systems.
- The contacts interlock with each other in order to ensure a synchronous switching status between 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 melts from an overload).

General ordering data

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

Creation date May 1, 2020 6:29:15 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

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

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Rated data UL

Certificate No. (cURus)	E223759
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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

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

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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Data sheet

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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	UNSPSC	30-21-19-17

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP

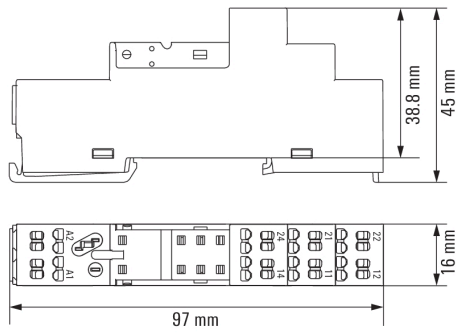
Data sheet

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Drawings

Dimensional drawing



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Mating connector (fully pluggable)

Spare relay



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General ordering data

Type	RCI42424FG	Version	
Order No.	1218380000	contacts:	2 Contact positively-driven (EN 50205 type B) AgCuNi,
GTIN (EAN)	4050118001891	Rated control voltage:	24 V DC, Continuous current: 6 A
Qty.	12 pc(s).		

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Accessories

Labelling clip



- Labelling clip for marking RIDERSERIES FG relay sockets
- Attachable individual markers (no MultiCard)
 - Attachable on the input levels of the relay socket
 - PrintJet printing is not possible
 - Labelling clip can be optionally pasted up with ESG ... K MultiCard

General ordering data

Type	SRC MARK	Version
Order No.	8693270000	RIDERSERIES FG, Label
GTIN (EAN)	4032248364725	
Qty.	10 pc(s).	

LED / free-wheel diode



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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 pc(s).	

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Accessories

Slotted screwdriver

Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip



General ordering data

Type	SDS 0.4X2.5X75	Version
Order No.	9009030000	Screwdriver, Blade width (B): 2.5 mm, Blade length: 75 mm, Blade thickness (A): 0.4 mm
GTIN (EAN)	4032248266944	
Qty.	1 pc(s).	

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.	9008370000	Screwdriver, Blade width (B): 2.5 mm, Blade length: 75 mm, Blade thickness (A): 0.4 mm
GTIN (EAN)	4032248056330	
Qty.	1 pc(s).	

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Accessories

Retaining clip



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General ordering data

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