

RIDERSERIES FG
SRC 2CO

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

Creation date August 16, 2020 9:30:24 PM CEST

Catalogue status 24.07.2020 / We reserve the right to make technical changes.

Data sheet

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Technical data

Dimensions and weights

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

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

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Drawings

Dimensional drawing

