

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Relay sockets for the RIDERSERIES RCI relays

- 1 and 2 CO contacts
- Screw and PUSH IN connection
- Standard and low heights

General ordering data

Version	RIDERSERIES RCI, Relay bases, Number of contacts: 2, CO contact, Continuous current: 12 A, 16 A ⁽¹⁾ , Screw connection
Order No.	8869490000
Type	SRC-I 2CO
GTIN (EAN)	4032248614448
Qty.	10 pc(s).

Creation date March 29, 2021 11:25:04 PM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Depth	61.5 mm	Depth (inches)	2.421 inch
Height	77 mm	Height (inches)	3.031 inch
Net weight	39.28 g	Width	15.8 mm
Width (inches)	0.622 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; 16 A .1) For full continuous current (16 A), relay connections 11-21, 12-22 and 14-24 must be bridged.	Max. switching voltage, AC	400 V
Rated switching voltage	250 V AC		

Contact data

Contact type	2 CO contact
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General data

Rail	TS 35	Colour	black
UL 94 flammability rating	V-0		

Insulation coordination

Creepage and clearance distance input – output	≥ 10 mm	Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.
Dielectric strength of open contact	1 kV _{eff} / 1 min	Dielectric strength, Input/Output	5 kV _{eff} / 1 min
Insulating material group	IIIa	Pollution severity	2
Protection degree	IP20	Rated voltage	250 V
Surge voltage category	III	Type of isolation at input and output	reinforced insulation
Type of isolation at neighbouring contacts	Functional insulation		

Further details of approvals / standards

Standards	IEC 61810-1, UL508	Certificate No. (CSA)	249409-2295474
Certificate No. (cURus)	E223759		

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Connection data

Wire connection method	Screw connection	Stripping length, rated connection	8 mm
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.7 Nm
Clamping range, rated connection	2.5 mm ²	Clamping range, min.	1 mm ²
Clamping range, max.	2.5 mm ²	Wire cross-section, solid, min.	1 mm ²
Wire cross-section, solid, max.	2.5 mm ²	Wire connection cross section, finely stranded, min.	1 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.	1 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.	1 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.	1 mm ²
Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm ²	Blade size	size PZ1
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	ECLASS 11.0	27-37-16-03

Important note

Product information 1) For full continuous current (16 A), relay connections 11–21, 12–22 and 14–24 must be bridged. IP20 without connected conductor at complete opened clamping yoke connection.

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

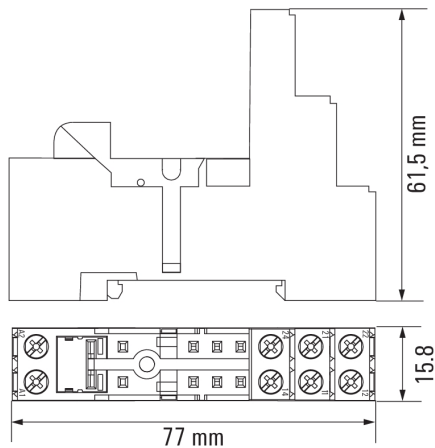
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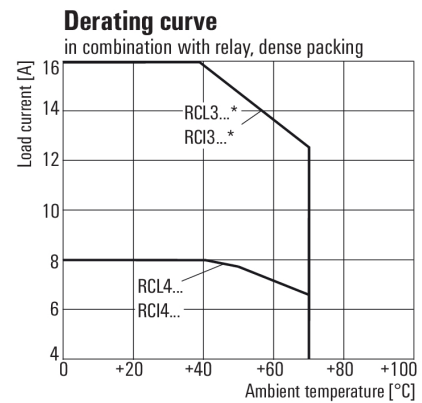
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Drawings

Dimensional drawing



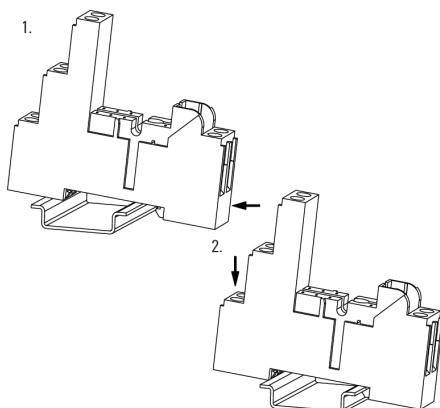
Graph



* For full continuous current (16 A), socket connections
11-21, 12-22 and 14-24 must be bridged.

DC load limit curve

Snap on socket



Unlatching socket

