

SRC-I 2CO P**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⁾ , PUSH IN
Order No.	8869500000
Type	SRC-I 2CO P
GTIN (EAN)	4032248614455
Qty.	10 pc(s).

Creation date March 29, 2021 11:25:09 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	48.3 mm	Depth (inches)	1.902 inch
Height	98 mm	Height (inches)	3.858 inch
Net weight	39.8 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	PUSH IN	Stripping length, rated connection	12 mm
Clamping range, rated connection	1.5 mm ²	Clamping range, min.	0.75 mm ²
Clamping range, max.	1.5 mm ²	Wire cross-section, solid, min.	0.75 mm ²
Wire cross-section, solid, max.	1.5 mm ²	Wire connection cross section, finely stranded, min.	0.75 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.	0.75 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	0.75 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.75 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1 mm ²	Blade size	0.6 x 3.5 mm
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.

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

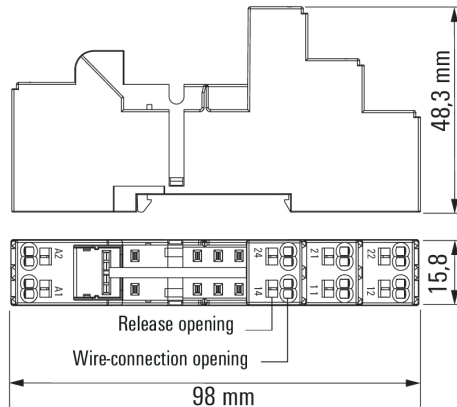
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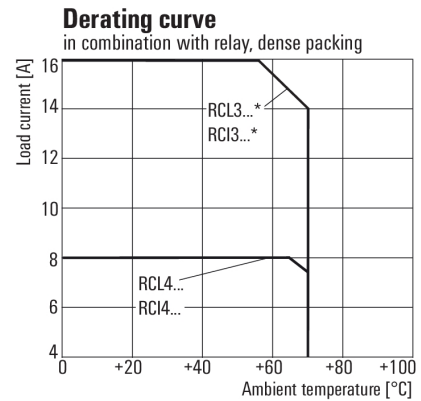
www.weidmueller.com

Drawings

Dimensional drawing



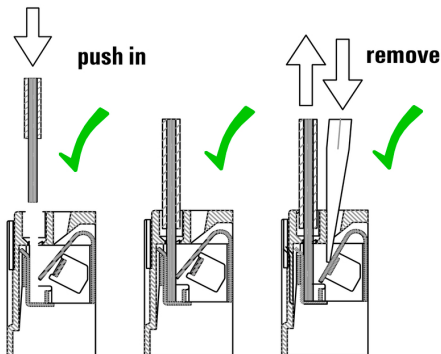
Graph



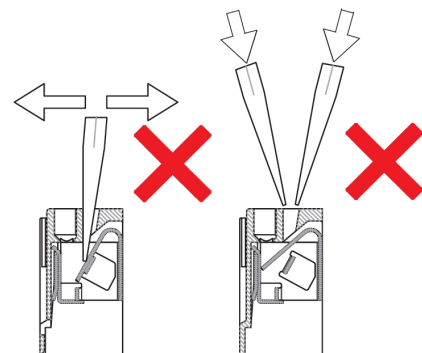
* For full continuous current (16 A), socket connections 11-21, 12-22 and 14-24 must be bridged.

DC load limit curve

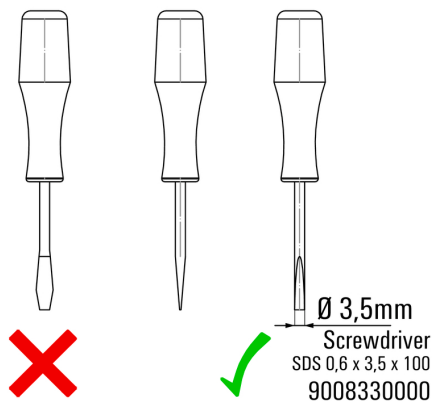
Correct handling PUSH IN connection



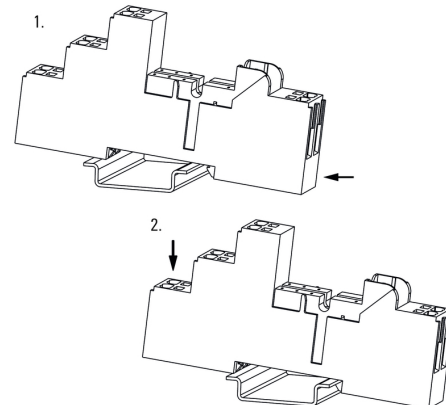
Wrong handling PUSH IN connection



Recommended screwdriver



Snap on socket



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Drawings

Unlatching socket

