

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

Klingenbergstraße 26

D-32758 Detmold

Germany

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Fax: +49 5231 14-292083

www.weidmueller.com

Product image

Relay base for the RIDERSERIES RCI relays

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

General ordering data

Type	SRC-I 2CO P
Order No.	8869500000
Version	RIDERSERIES RCI, Relay bases, Number of contacts: 2 CO contact, Continuous current: 12 A, 16 A ⁽¹⁾ , PUSH IN
GTIN (EAN)	4032248614455
Qty.	10 pc(s).

Creation date 25 May 2020 13:48:43 CEST

Catalogue status 15.05.2020 / We reserve the right to make technical changes.

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Technical data
Dimensions and weights

Width	15.8 mm	Width (inches)	0.622 inch
Height	98 mm	Height (inches)	3.858 inch
Depth	48.3 mm	Depth (inches)	1.902 inch
Net weight	39.8 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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Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	400 V
Continuous current	12 A, 16 A ⁽¹⁾		

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

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

Further details of approvals / standards

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

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Technical data
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	UNSPSC	30-21-19-17

Product information

Product information	1) For full continuous current (16 A), relay connections 11–21, 12–22 and 14–24 must be bridged.
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Approvals

Approvals



ROHS	Conform
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Downloads

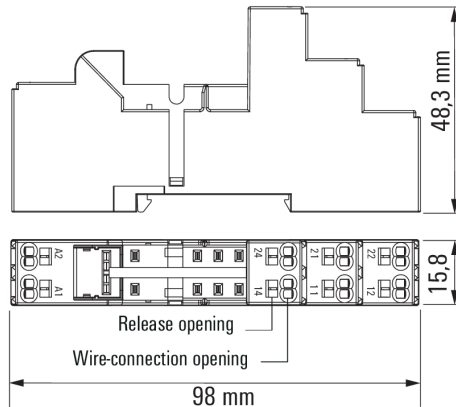
Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Brochure/Catalogue	CAT 4.2 ELECTR 18/19 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP

RIDERSERIES RCI SRC-I 2CO P

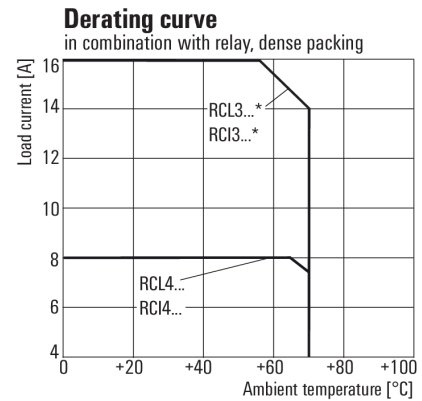
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Drawings

Dimensional drawing



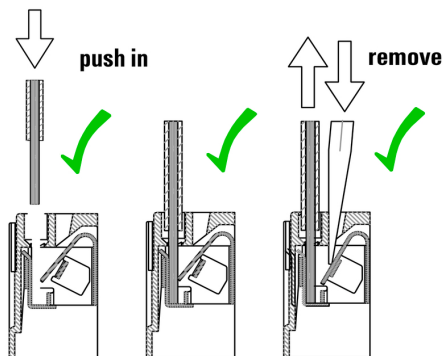
Graph



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

DC load limit curve

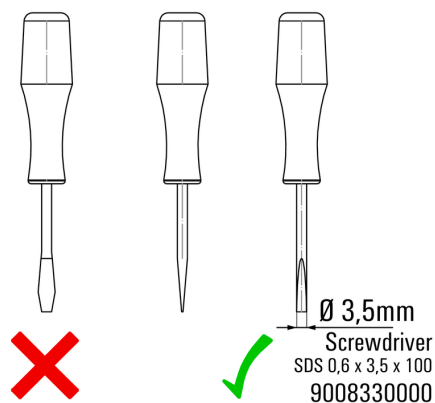
Correct handling PUSH IN connection



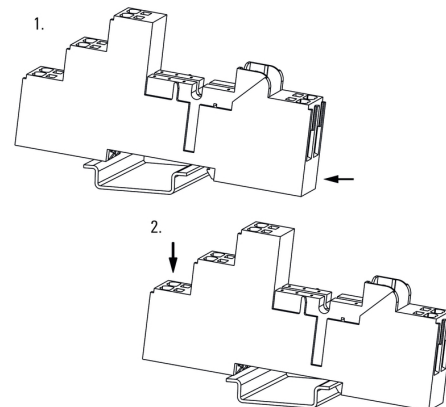
Wrong handling PUSH IN connection



Recommended screwdriver



Snap on socket



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Drawings

Unlatching socket

