

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

relays sockets for RIDERSERIES RCM relays

- 2, 3 and 4 CO contacts
- Screw and PUSH IN connection
- Standard and low heights

General ordering data

Version	RIDERSERIES RCM, Relay bases, Number of contacts: 2, CO contact, Continuous current: 12 A, PUSH IN
Order No.	8876220000
Type	SCM-I 2CO P
GTIN (EAN)	4032248609031
Qty.	10 pc(s).

Creation date March 29, 2021 11:31:51 PM CEST

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

SCM-I 2CO P

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	48.3 mm	Depth (inches)	1.902 inch
Height	98 mm	Height (inches)	3.858 inch
Net weight	51.87 g	Width	28 mm
Width (inches)	1.102 inch		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Rated data UL

Certificate No. (cURus)	E223759
-------------------------	---------

Load side

Continuous current	12 A	Max. switching voltage, AC	400 V
Rated switching voltage	250 V AC		

Contact data

Contact type	2 CO contact
--------------	--------------

General data

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

Insulation coordination

Creepage and clearance distance input – output	≥ 4 mm	Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.
Dielectric strength of open contact	1.2 kV _{eff} / 1 min.	Dielectric strength, Input/Output	2.5 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	Basic insulation
Type of isolation at neighbouring contacts	Basic insulation		

Further details of approvals / standards

Standards	IEC 61810-1, UL508	Certificate No. (CSA)	249409-2295474
Certificate No. (VDE)	40011762	Certificate No. (cURus)	E223759

SCM-I 2CO P

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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 cross-section, solid, max. (AWG)	AWG 16
Wire connection cross section, finely stranded, min.	0.75 mm ²	Wire connection cross section, finely stranded, max.	1.5 mm ²
Wire cross-section, finely stranded, max. (AWG)	AWG 16	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

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

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

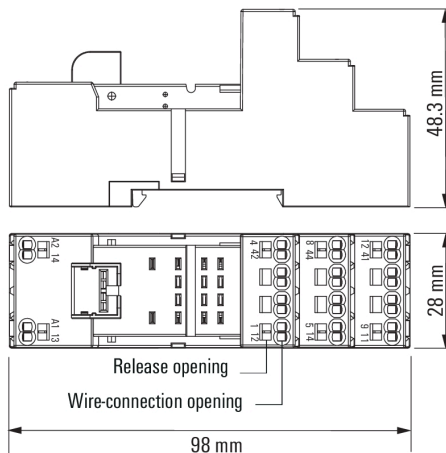
SCM-I 2CO P

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

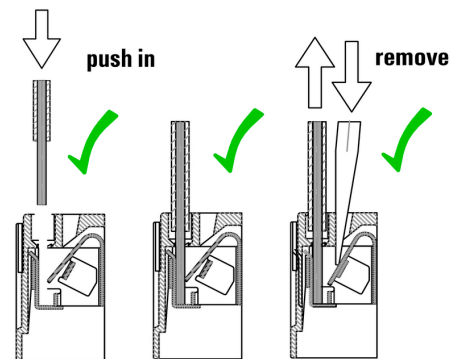
Drawings

Dimensional drawing

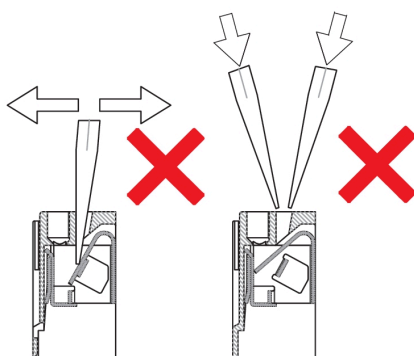


Miscellaneous

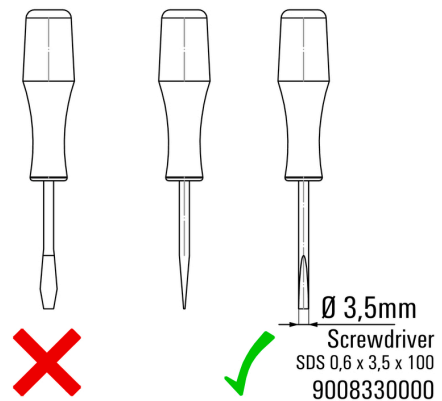
Correct handling PUSH IN connection



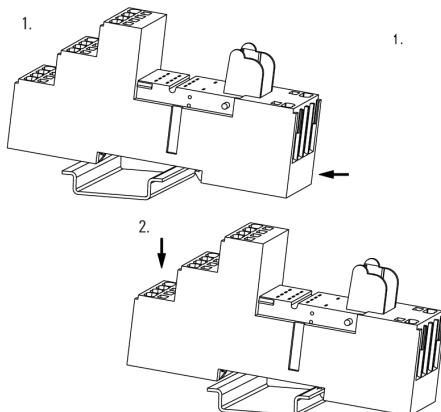
Wrong handling PUSH IN connection



Recommended screwdriver



Snap on socket



Unlatching socket

