

SDI 2CO P**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Relay sockets for the D-SERIES DRI relays

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

General ordering data

Version	D-SERIES DRI, Relay socket, Number of contacts: 2, CO contact, Continuous current: 8 A, PUSH IN
Order No.	7760056365
Type	SDI 2CO P
GTIN (EAN)	6944169772290
Qty.	20 pc(s).

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Technical data

Dimensions and weights

Depth	42.7 mm	Depth (inches)	1.681 inch
Height	102.1 mm	Height (inches)	4.02 inch
Net weight	38.72 g	Width	15.9 mm
Width (inches)	0.626 inch		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...55 °C
Humidity	5...85 %, no condensation		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Rated data UL

Certificate No. (cURus)	E312083
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Load side

Continuous current	8 A	Max. switching voltage, AC	250 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	
UL94 flammability rating component	Component	Housing
	UL94 flammability rating	V-2
	Component	Pusher
	UL94 flammability rating	HB
	Component	Mounting foot
	UL94 flammability rating	HB
	Component	Retaining clip
	UL94 flammability rating	HB

Insulation coordination

Clearance and creepage distances for control side - load side	≥ 3 mm	Dielectric strength for control side - load side	5 kV _{eff} / 1 min
Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.	Impulse withstand voltage at neighbouring contacts	4.8 kV (1.2/50 µs)
Insulating material group	IIIb	Pollution severity	2
Protection degree	IP20	Rated voltage	300 V
Surge voltage category	III		

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Technical data

Further details of approvals / standards

Standards	EN 60664-1:2007, EN 61000-6-2:2005, EN 61000-6-4:2007 + A1:2011, UL 508	Certificate No. (cURus)	E312083
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Connection data

Wire connection method	PUSH IN	Stripping length, rated connection	10 mm
Clamping range, rated connection	1.5 mm ²	Clamping range, min.	0.14 mm ²
Clamping range, max.	1.5 mm ²	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 16	Wire cross-section, solid, min.	0.14 mm ²
Wire cross-section, solid, max.	1.5 mm ²	Wire connection cross section, finely stranded, min.	0.14 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.	0.14 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.14 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm ²	Blade size	0.4 x 2.5 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	Only connection A2 with the cross-connection SCM/SDI P CC (art. no. 7760056366) can be bridged on this socket.
	The protection module (RC filter) RIM 3 110/230VAC LED with order no. 7760056045 is not compatible with this socket.

Approvals

Approvals



ROHS	Conform
UL File Number Search	E312083

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN
Brochure/Catalogue	Catalogues in PDF-format

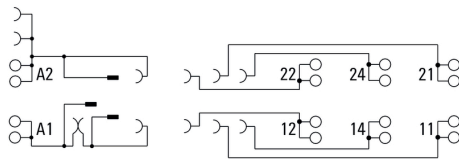
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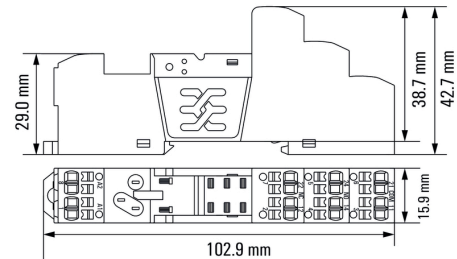
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Drawings

Wiring diagram



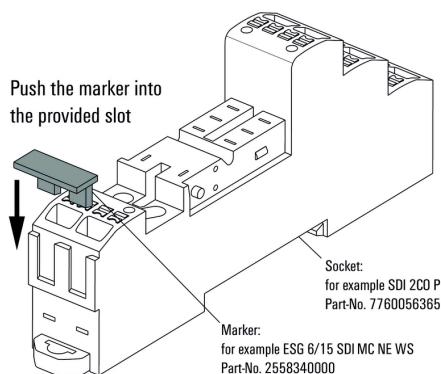
Dimensional drawing



Example of use

How to install marker

on PUSH IN connection sockets (one slot available)

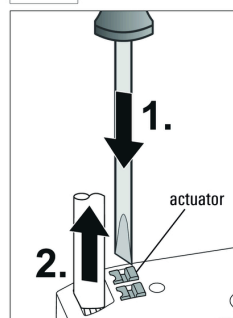
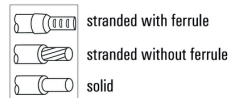


How to install marker

on PUSH IN connection sockets (one slot available)

Miscellaneous

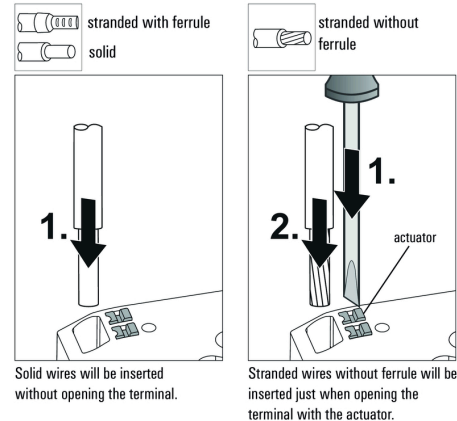
Removal of cables



Wires will be disconnected just when opening the terminal with the actuator.

Miscellaneous

Insert flexible and solid cables



Miscellaneous

Recommended screwdriver

to push the actuator in PUSH IN

