

**D-SERIES DRI
SDI 2CO P****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

Product image

Accessories for D-SERIES relays include:

- Relay bases
- LED / Protective modules
- Metal retaining clips

General ordering data

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

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Technical data
Dimensions and weights

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

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Rated data UL

Certificate No. (cURus)	E312083
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Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	250 V
Continuous current	8 A		

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	300 V	Surge voltage category	III
Pollution severity	2	Insulating material group	IIIb
Protection degree	IP20	Dielectric strength, Input/Output	5 kV _{eff} / 1 min
Creepage and clearance distance input – output	≥ 3 mm	Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.
Impulse withstand voltage at neighbouring contacts	4.8 kV (1.2/50 µs)		

Further details of approvals / standards

Certificate No. (cURus)	E312083
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Technical data
Connection data

Wire connection method	PUSH IN with actuator	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		

Product information

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
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Downloads

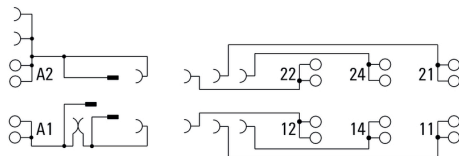
Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	EPLAN
Engineering Data	STEP

D-SERIES DRI SDI 2CO P

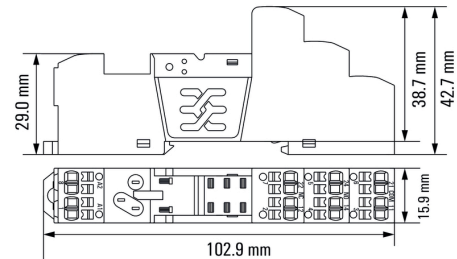
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Drawings

Wiring diagram



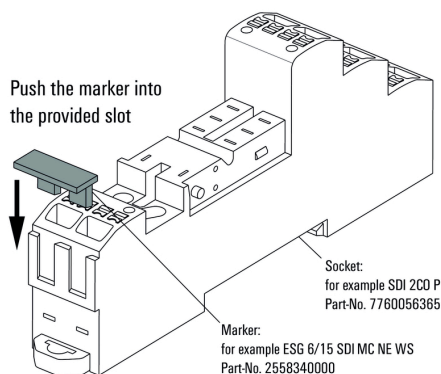
Dimensional drawing



Example of use

How to install marker

on PUSH IN connection sockets (one slot available)

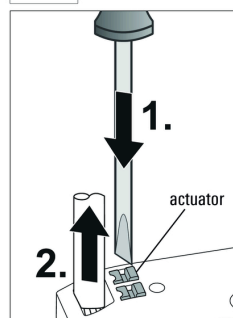
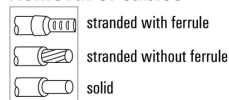


How to install marker

on PUSH IN connection sockets (one slot available)

Miscellaneous

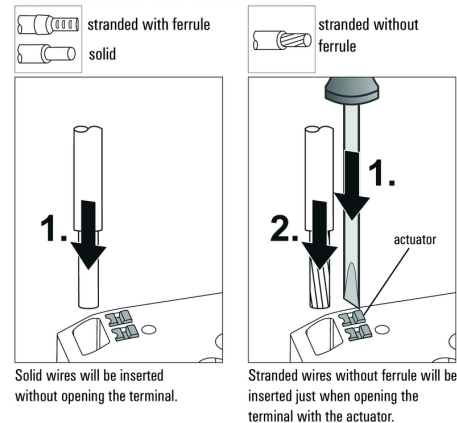
Removal of cables



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

Miscellaneous

Insert flexible and solid cables



Solid wires will be inserted without opening the terminal.

Stranded wires without ferrule will be inserted just when opening the terminal with the actuator.

Miscellaneous

Recommended screwdriver

to push the actuator in PUSH IN

