

**D-SERIES DRI  
SDI 1CO P**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
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 www.weidmueller.com

**Product image**


Accessories for D-SERIES relays include:

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

**General ordering data**

Type	SDI 1CO P
Order No.	<a href="#">7760056364</a>
Version	D-SERIES DRI, Relay bases, No. of contacts: 1 CO contact, Continuous current: 12 A, PUSH IN with actuator
GTIN (EAN)	6944 169772283
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	36.75 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...85 °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	12 A		

**Contact data**

Contact type	1 CO contact
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**General data**

Rail	TS 35	Colour	black
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**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 <sub>eff</sub> / 1min
Creepage and clearance distance input - output	≥ 3 mm	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 <sup>2</sup>	Clamping range, min.	0.14 mm <sup>2</sup>
Clamping range, max.	1.5 mm <sup>2</sup>	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 16	Wire cross-section, solid, min.	0.14 mm <sup>2</sup>
Wire cross-section, solid, max.	1.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.14 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	1.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1 mm <sup>2</sup>	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.14 mm <sup>2</sup>
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm <sup>2</sup>	Blade size	0.4 x 2.5 mm

### Classifications

ETIM 6.0	EC001456	eClass 9.0	27-37-16-03
eClass 9.1	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

### Downloads

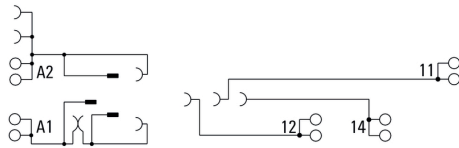
Approval/Certificate/Document of Conformity	<a href="#">DE_PA_5600_160310_002.pdf</a>
Engineering Data	<a href="#">EPLAN</a>
Engineering Data	<a href="#">STEP</a> <a href="#">STEP</a>

**D-SERIES DRI  
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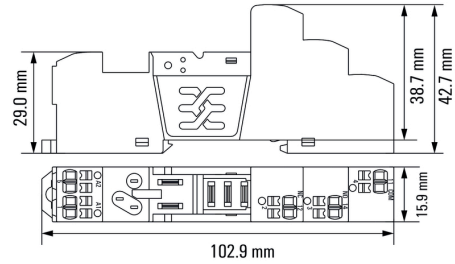
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**Drawings**

**Wiring diagram**



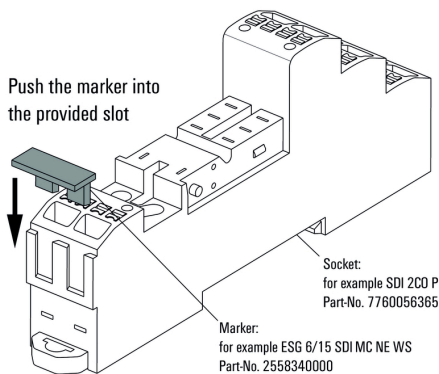
**Dimensional drawing**



**Example of use**

**How to install marker**

on PUSH IN connection sockets (one slot available)






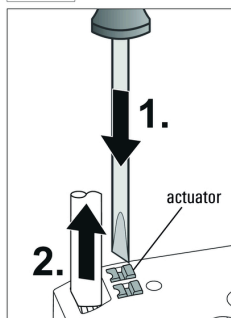
**How to install marker**

on PUSH IN connection sockets (one slot available)

**Miscellaneous**

**Removal of cables**

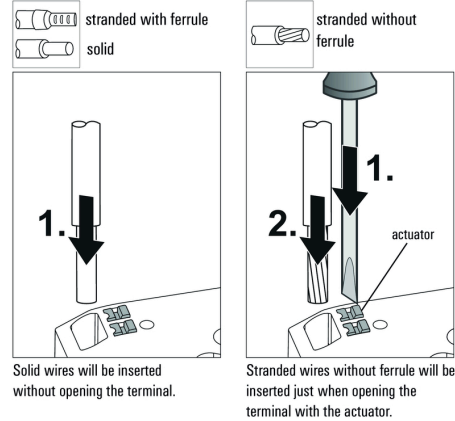
-  stranded with ferrule
-  stranded without ferrule
-  solid



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

