

**D-SERIES DRI  
SDI 1CO**

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



Accessories for D-SERIES relays include:

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

**General ordering data**

Type	SDI 1CO
Order No.	<a href="#">7760056350</a>
Version	D-SERIES DRI, Relay base, No. of contacts: 1 CO contact, Continuous current: 12 A, Screw connection
GTIN (EAN)	6944 169739972
Qty.	10 pc(s).

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**Technical data**
**Dimensions and weights**

Width	15.8 mm	Width (inches)	0.622 inch
Height	80.2 mm	Height (inches)	3.157 inch
Depth	61 mm	Depth (inches)	2.402 inch
Net weight	35.6 g		

**Temperatures**

Humidity	35...85 % rel. humidity, no condensation	Operating temperature	-40 °C...70 °C
Storage temperature	-40 °C...85 °C		

**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**

Mounting rail	TS 35
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**Insulation coordination**

Rated voltage	250 V	Surge voltage category	III
Pollution severity	2	Insulating material group	IIIb
Protection degree	IP20	Dielectric strength input – output	4 kV <sub>eff</sub> / 1 min.
Creepage and clearance distance input – output	≥ 3 mm	Impulse withstand voltage	4.8 kV (1.2/50 µs)

**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)	E355547
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**Connection data**

Wire connection method	Screw connection	Stripping length, rated connection	8 mm
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.8 Nm
Clamping range, rated connection	1.5 mm <sup>2</sup>	Clamping range, min.	0.25 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>	Wire cross-section, solid, min.	0.25 mm <sup>2</sup>
Wire cross-section, solid, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.25 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.25 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm <sup>2</sup>	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.25 mm <sup>2</sup>
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	4 mm <sup>2</sup>	Blade size	size PH1
Gauge to IEC 60947-1	A3		

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**Data sheet**

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**Classifications**

ETIM 5.0	EC001437	ETIM 6.0	EC001456
eClass 6.2	27-37-16-03	eClass 7.1	27-37-16-03
eClass 8.1	27-37-16-03	eClass 9.0	27-37-16-03
eClass 9.1	27-37-16-03		

**Approvals**

Approvals



ROHS Conform

**Downloads**

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

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**Drawings**

**Dimensional drawing**

