

**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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Accessories for D-SERIES relays include:

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

General ordering data

Type	SDI 1CO
Order No.	7760056350
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 _{eff} / 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 ²	Clamping range, min.	0.25 mm ²
Clamping range, max.	4 mm ²	Wire cross-section, solid, min.	0.25 mm ²
Wire cross-section, solid, max.	4 mm ²	Wire connection cross-section, finely stranded, min.	0.25 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.25 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.25 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	4 mm ²	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	DE_PA_5600_160310_002.pdf
Engineering Data	EPLAN, WSCAD

Data sheet

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Drawings

Dimensional drawing

