

**D-SERIES DRI
SDI 1CO F ECO**
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



Accessories for D-SERIES relays include:

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

General ordering data

Type	SDI 1CO F ECO
Order No.	7760056348
Version	D-SERIES DRI, Relay base, No. of contacts: 1 CO contact, Continuous current: 12 A, Screw connection
GTIN (EAN)	6944 169739958
Qty.	10 pc(s).

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Technical data
Dimensions and weights

Width	15.8 mm	Width (inches)	0.622 inch
Height	73.3 mm	Height (inches)	2.886 inch
Depth	29.2 mm	Depth (inches)	1.15 inch
Net weight	22 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

Version	flat design	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
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Data sheet

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Technical data

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.	0.5 mm ²
Clamping range, max.	2.5 mm ²	Wire cross-section, solid, min.	0.5 mm ²
Wire cross-section, solid, max.	2.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross section, finely stranded, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm ²	Wire connection	M3 forked cable lug (insulated) for input connections, M3.5 forked cable lug (insulated) for output connections
Blade size	size PH1		

Classifications

ETIM 5.0	EC001456	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		

Product information

Descriptive text accessories LED and protective modules are not compatible with this base.

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity [DE_PA_5600_160310_002.pdf](#)
Engineering Data [EPLAN, WSCAD](#)

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Drawings**Dimensional drawing**