

**D-SERIES DRI
SDI 1CO 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

Product image

Accessories for D-SERIES relays include:

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

General ordering data

Type	SDI 1CO ECO
Order No.	7760056346
Version	D-SERIES DRI, Relay bases, No. of contacts: 1 CO contact, Continuous current: 12 A, Screw connection
GTIN (EAN)	6944169739934
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	20 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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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

Version	flat design	Rail	TS 35
Colour	black		

Insulation coordination

Rated voltage	250 V	Surge voltage category	III
Pollution severity	2	Insulating material group	IIIb
Protection degree	IP10	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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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 ring cable lug (insulated) for input connections, M3.5 ring 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

Product information	For this socket, a cross connection is not available.
	For this socket, markers are not available.

Approvals

Approvals



ROHS	Conform
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Downloads

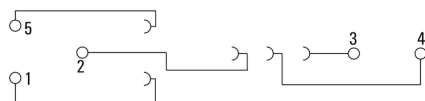
Approval/Certificate/Document of Conformity	DE_PA_5600_160310_002.pdf
Engineering Data	EPLAN_WSCAD
Engineering Data	STEP

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Drawings

Wiring diagram



Dimensional drawing

