

SDI 1CO F ECO

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image

Relay sockets for the D-SERIES DRI relays

- 1 and 2 CO contacts
- Screw and PUSH IN connection
- Standard and low heights

General ordering data

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

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Catalogue status 01.09.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

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

Temperatures

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

Load side

Rated switching voltage	250 V AC	Continuous current	12 A
Max. switching voltage, AC	250 V	Contact type	1 CO contact

General data

Version	flat design		
Rail	TS 35		
Colour	black		
UL94 flammability rating component	Component	Housing	
	UL94 flammability rating	V-2	
	Component	Mounting foot	
	UL94 flammability rating	HB	
	Component	Retaining clip	
	UL94 flammability rating	HB	

Insulation coordination

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Insulating material group	IIIb
Clearance and creepage distances for control side - load side	≥ 3 mm	Dielectric strength for control side - load side	4 kV _{eff} / 1 Min.
Impulse withstand voltage	4.8 kV (1.2/50 µs)	Protection degree	IP20

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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.	0.5 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 6.0	EC001456	ETIM 7.0	EC001456
ETIM 8.0	EC001456	ETIM 9.0	EC001456
ECLASS 9.0	27-37-16-03	ECLASS 9.1	27-37-16-03
ECLASS 10.0	27-37-16-03	ECLASS 11.0	27-37-16-03
ECLASS 12.0	27-37-16-03	ECLASS 13.0	27371603

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Important note

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	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

