

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)	6944169739958
Qty.	10 pc(s).

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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
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

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		

Creation date July 23, 2024 10:47:17 AM CEST

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www.weidmueller.com**Technical data****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	27-37-16-03
ECLASS 14.0	27-37-16-03		

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant

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

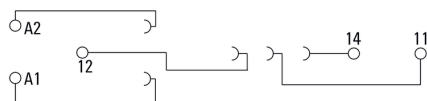
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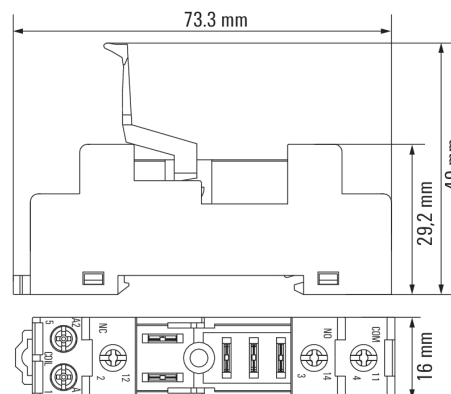
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Drawings

Wiring diagram



Dimensional drawing



Dimensional drawing

