

SDI 2CO ECO

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

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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: 2, CO contact, Continuous current: 8 A, Screw connection
Order No.	7760056347
Type	SDI 2CO ECO
GTIN (EAN)	6944 169739941
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	23 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	8 A
Max. switching voltage, AC	250 V	Contact type	2 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.
Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.	Impulse withstand voltage	4.8 kV (1.2/50 μs)
Protection degree	IP10		

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)
Blade size	size PH1		

Creation date March 16, 2023 3:08:17 AM CET

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Classifications

ETIM 6.0	EC001456	ETIM 7.0	EC001456
ETIM 8.0	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

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
Engineering Data	WSCAD
Catalogues	Catalogues in PDF-format

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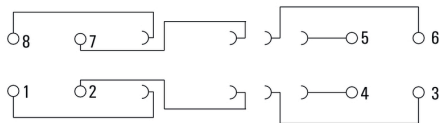
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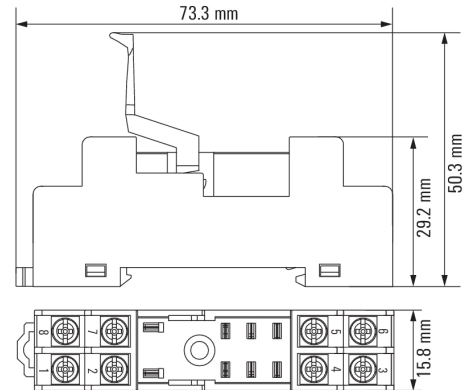
Drawings

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Wiring diagram



Dimensional drawing



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Accessories

Ring cable lugs

Insulated ring-cable connector made from PVC

- Commercially available designs
- Not soldered
- With conical entry funnel



General ordering data

Type	LIR 1,5M3 V	Version
Order No.	9200070000	cable lug, terminal end, Insulated cable connector, 1.5 mm ² , 0.5 mm ² -
GTIN (EAN)	4032248409839	1.5 mm ²
Qty.	100 pc(s).	

Type	LIR 2,5M3 V	Version
Order No.	9200150000	cable lug, terminal end, Insulated cable connector, 2.5 mm ² , 1.5 mm ² -
GTIN (EAN)	4032248409778	2.5 mm ²
Qty.	100 pc(s).	

Crosshead screwdriver, Phillips



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

Type	SDIK SLIM PH1 X 80	Version
Order No.	2749650000	Screwdriver, Blade width (B): 80 mm, Blade thickness (A):
GTIN (EAN)	4050118896398	
Qty.	1 pc(s).	

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Accessories

Crosshead screwdriver Phillips



VDE insulated crosshead screwdriver for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip

General ordering data

Type	SDIK PH1 X 80	Version
Order No.	2749890000	Screwdriver, Blade width (B): 80 mm, Blade thickness (A):
GTIN (EAN)	4050118897098	
Qty.	1 pc(s).	

Crimp cable lugs



Insulated cable connector in PVC or PC/PA

- Conventional designs
- Not soldered
- With conical entry funnel, except for joint connector

General ordering data

Type	KQI-M3/-2,5	Version
Order No.	1492250000	cable lug, terminal end, Insulated cable connector, 2.5 mm ² , 1.5 mm ² -
GTIN (EAN)	4050118302073	2.5 mm ²
Qty.	100 pc(s).	
Type	KQI-M3/-1	Version
Order No.	1492170000	cable lug, terminal end, Insulated cable connector, 1 mm ² , 0.5 mm ² - 1
GTIN (EAN)	4050118302035	mm ²
Qty.	100 pc(s).	

Data sheet**SDI 2CO ECO****Weidmüller Interfaces GmbH & Co. KG**

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info@weidmueller.com**Accessories****Crosshead screwdriver Phillips**

Crosshead screwdriver, Phillips, SDK PH, DIN 5262, ISO 8764/2-PH, output to ISO 8764-PH, ChromTop tip, SoftFinish grip

General ordering data

Type	SDK PH1 X 80	Version
Order No.	2749410000	Screwdriver, Blade width (B): 80 mm, Blade thickness (A):
GTIN (EAN)	4050118895636	
Qty.	1 pc(s).	