

**SDI 1CO 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.	<a href="#">7760056346</a>
Type	SDI 1CO ECO
GTIN (EAN)	6944 169739934
Qty.	10 pc(s).

Creation date March 14, 2023 5:50:49 AM CET

Catalogue status 03.03.2023 / 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	20 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 <sub>eff</sub> / 1 Min.
Impulse withstand voltage	4.8 kV (1.2/50 µs)	Protection degree	IP10

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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 <sup>2</sup>	Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	2.5 mm <sup>2</sup>	Wire cross-section, solid, min.	0.5 mm <sup>2</sup>
Wire cross-section, solid, max.	2.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm <sup>2</sup>	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm <sup>2</sup>
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm <sup>2</sup>	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 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	<a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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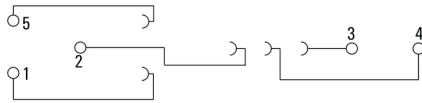
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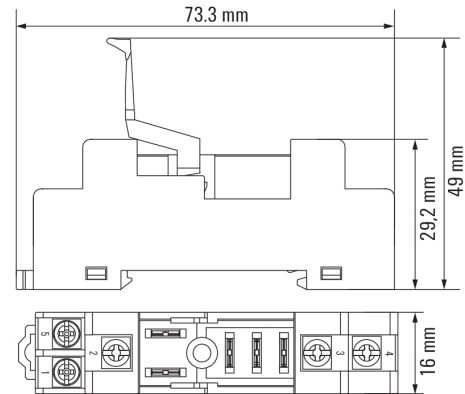
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**Drawings**

**Wiring diagram**



**Dimensional drawing**



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# Accessories

## 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/-1	Version
Order No.	<a href="#">1492170000</a>	cable lug, terminal end, Insulated cable connector, 1 mm <sup>2</sup> , 0.5 mm <sup>2</sup> - 1
GTIN (EAN)	4050118302035	mm <sup>2</sup>
Qty.	100 pc(s).	
Type	KQI-M3,5/-1	Version
Order No.	<a href="#">1492180000</a>	cable lug, terminal end, Insulated cable connector, 1 mm <sup>2</sup> , 0.5 mm <sup>2</sup> - 1
GTIN (EAN)	4050118302080	mm <sup>2</sup>
Qty.	100 pc(s).	
Type	KQI-M3,5/-2,5	Version
Order No.	<a href="#">1492270000</a>	cable lug, terminal end, Insulated cable connector, 2.5 mm <sup>2</sup> , 1.5 mm <sup>2</sup> -
GTIN (EAN)	4050118302134	2.5 mm <sup>2</sup>
Qty.	100 pc(s).	
Type	KQI-M3/-2,5	Version
Order No.	<a href="#">1492250000</a>	cable lug, terminal end, Insulated cable connector, 2.5 mm <sup>2</sup> , 1.5 mm <sup>2</sup> -
GTIN (EAN)	4050118302073	2.5 mm <sup>2</sup>
Qty.	100 pc(s).	

## 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.	<a href="#">2749890000</a>	Screwdriver, Blade width (B): 80 mm, Blade thickness (A):
GTIN (EAN)	4050118897098	
Qty.	1 pc(s).	

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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 1,5M3,5 V	Version
Order No.	<a href="#">9200080000</a>	cable lug, terminal end, Insulated cable connector, 1,5 mm <sup>2</sup> , 0,5 mm <sup>2</sup> -
GTIN (EAN)	4032248409846	1,5 mm <sup>2</sup>
Qty.	100 pc(s).	
Type	LIR 1,5M3 V	Version
Order No.	<a href="#">9200070000</a>	cable lug, terminal end, Insulated cable connector, 1,5 mm <sup>2</sup> , 0,5 mm <sup>2</sup> -
GTIN (EAN)	4032248409839	1,5 mm <sup>2</sup>
Qty.	100 pc(s).	
Type	LIR 2,5M3,5 V	Version
Order No.	<a href="#">9200160000</a>	cable lug, terminal end, Insulated cable connector, 2,5 mm <sup>2</sup> , 1,5 mm <sup>2</sup> -
GTIN (EAN)	4032248409785	2,5 mm <sup>2</sup>
Qty.	100 pc(s).	
Type	LIR 2,5M3 V	Version
Order No.	<a href="#">9200150000</a>	cable lug, terminal end, Insulated cable connector, 2,5 mm <sup>2</sup> , 1,5 mm <sup>2</sup> -
GTIN (EAN)	4032248409778	2,5 mm <sup>2</sup>
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.	<a href="#">2749650000</a>	Screwdriver, Blade width (B): 80 mm, Blade thickness (A):
GTIN (EAN)	4050118896398	
Qty.	1 pc(s).	

**Data sheet****SDI 1CO ECO**

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**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.	<a href="#">2749410000</a>	Screwdriver, Blade width (B): 80 mm, Blade thickness (A):
GTIN (EAN)	4050118895636	
Qty.	1 pc(s).	