

**SDI 2CO ECO****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 2, CO contact, Continuous current: 8 A, Screw connection
Order No.	<a href="#">7760056347</a>
Type	SDI 2CO ECO
GTIN (EAN)	6944169739941
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
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 <sub>eff</sub> / 1 Min.
Dielectric strength of neighbouring contacts	2.5 kV <sub>eff</sub> / 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 <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)
Blade size	size PH1		

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[www.weidmueller.com](http://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

**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>
Catalogues	<a href="#">Catalogues in PDF-format</a>

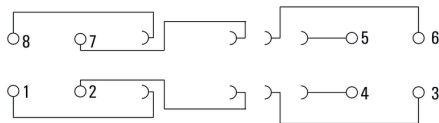
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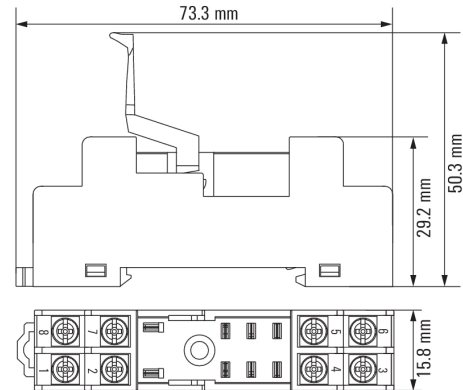
[www.weidmueller.com](http://www.weidmueller.com)

## Drawings

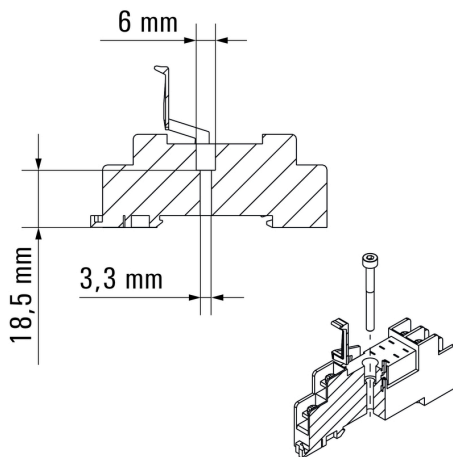
### Wiring diagram



### Dimensional drawing



### 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/-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): 1 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118897098	
Qty.	1 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****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): 1 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118896398	
Qty.	1 pc(s).	

**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): 1 mm, 80 mm, Blade thickness (A):
GTIN (EAN)	4050118895636	
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 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 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).	