

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.	7760056346
Type	SDI 1CO ECO
GTIN (EAN)	6944169739934
Qty.	10 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	29.2 mm	Depth (inches)	1.1496 inch
Height	73.3 mm	Height (inches)	2.8858 inch
Width	15.8 mm	Width (inches)	0.622 inch
Net weight	20 g		

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Load side

Rated switching voltage	300 V AC	Continuous current	12 A
Max. switching voltage, AC	300 V	Contact type	1 CO contact

General data

Version	flat design		
Mounting 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 kVeff / 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

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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) for input connections, M3.5 ring cable lug (insulated) for output connections
Blade size	size PH1		

Important note

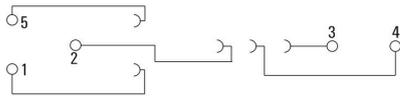
Product information For this socket, a cross connection is not available. For this socket, markers are not available.

Classifications

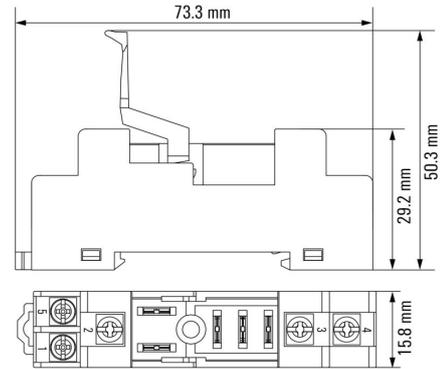
ETIM 8.0	EC001456	ETIM 9.0	EC001456
ETIM 10.0	EC001456	ECLASS 14.0	27-37-16-03
ECLASS 15.0	27-37-16-03		

Drawings

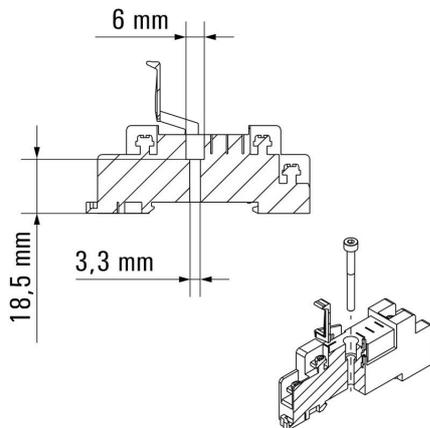
Wiring diagram



Dimensional drawing



Dimensional drawing



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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.	2749650000	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1	
GTIN (EAN)	4050118896398		
Qty.	1 ST		

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

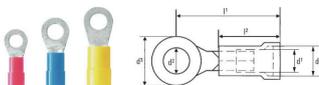
General ordering data

Type	SDIK PH1 X 80	Version	
Order No.	2749890000	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1	
GTIN (EAN)	4050118897098		
Qty.	1 ST		
Type	SDK PH1 X 80	Version	
Order No.	2749410000	Screwdriver, Blade width (B): 4.5 mm, 80 mm, Blade thickness (A): 1	
GTIN (EAN)	4050118895636		
Qty.	1 ST		

Ring cable lugs

Insulated ring-cable connector made from PVC

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



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Accessories

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 ST		
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 ST		
Type	LIR 1,5M3,5 V	Version	
Order No.	9200080000	cable lug, terminal end, Insulated cable connector, 1.5 mm ² , 0.5 mm ² -	
GTIN (EAN)	4032248409846	1.5 mm ²	
Qty.	100 ST		
Type	LIR 2,5M3,5 V	Version	
Order No.	9200160000	cable lug, terminal end, Insulated cable connector, 2.5 mm ² , 1.5 mm ² -	
GTIN (EAN)	4032248409785	2.5 mm ²	
Qty.	100 ST		

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.	1492170000	cable lug, terminal end, Insulated cable connector, 1 mm ² , 0.5 mm ² - 1	
GTIN (EAN)	4050118302035	mm ²	
Qty.	100 ST		
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 ST		
Type	KQI-M3,5/-1	Version	
Order No.	1492180000	cable lug, terminal end, Insulated cable connector, 1 mm ² , 0.5 mm ² - 1	
GTIN (EAN)	4050118302080	mm ²	
Qty.	100 ST		
Type	KQI-M3,5/-2,5	Version	
Order No.	1492270000	cable lug, terminal end, Insulated cable connector, 2.5 mm ² , 1.5 mm ² -	
GTIN (EAN)	4050118302134	2.5 mm ²	
Qty.	100 ST		