

SDI 2CO 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: 2, CO contact, Continuous current: 8 A, Screw connection
Order No.	7760056349
Type	SDI 2CO F ECO
GTIN (EAN)	6944169739965
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	25 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	8 A
Max. switching voltage, AC	300 V	Contact type	2 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.
Dielectric strength of neighbouring contacts	2.5 kVeff / 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

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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)
Blade size	size PH1		

Important note

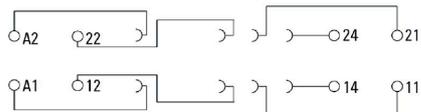
Product information For this socket, a cross connection is not available. For this socket, markers are not available.

Classifications

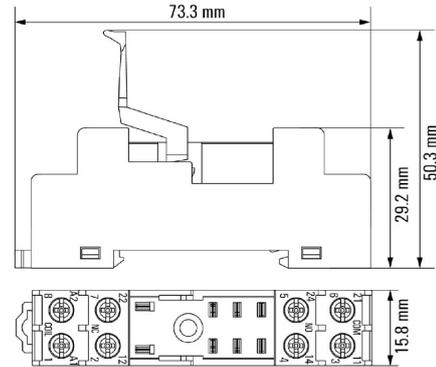
ETIM 6.0	EC001456	ETIM 7.0	EC001456
ETIM 8.0	EC001456	ETIM 9.0	EC001456
ETIM 10.0	EC001456	ECLASS 9.0	27-37-16-03
ECLASS 9.1	27-37-16-03	ECLASS 10.0	27-37-16-03
ECLASS 11.0	27-37-16-03	ECLASS 12.0	27-37-16-03
ECLASS 13.0	27-37-16-03	ECLASS 14.0	27-37-16-03
ECLASS 15.0	27-37-16-03		

Drawings

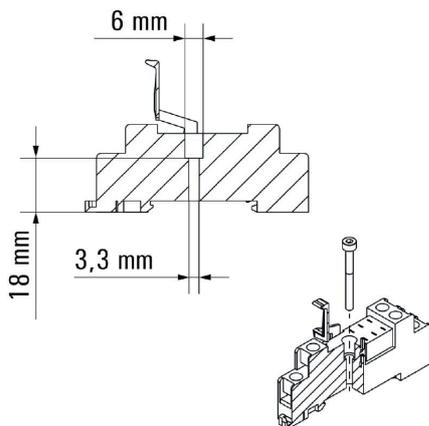
Wiring diagram



Dimensional drawing



Dimensional drawing



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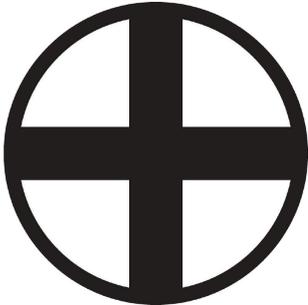
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Accessories

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

Forked cable lugs



Insulated forked-cable connector made from PVC or PC/PA

- Conventional designs
- Not soldered
- With conical entry funnel

Accessories

General ordering data

Type	KQIG-M3/-1	Version	
Order No.	1492520000	Version	cable lug, terminal end,Insulated cable connector,1 mm ² ,0.5 mm ² - 1
GTIN (EAN)	4050118302431	Version	mm ²
Qty.	100 ST		
Type	KQIG-M3/-2,5	Version	
Order No.	1492600000	Version	cable lug, terminal end,Insulated cable connector,2.5 mm ² ,1.5 mm ² -
GTIN (EAN)	4050118302202	Version	2.5 mm ²
Qty.	100 ST		