Data sheet

SLD F 4CO

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image





Relay sockets for the D-SERIES DRL relays
- 2, 3 and 4 CO contacts
- Screw connection

General ordering data

Version	D-SERIES DRL, Relay socket, Number of contacts: 4, CO contact, Continuous current: 10 A, Screw connection
Order No.	7760056227
Type	SLD F 4CO
GTIN (EAN)	6944169634031
Qty.	10 items

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E312083

Dimensions and weights

Depth	30 mm	Depth (inches)	1.1811 inch
Height	84.6 mm	Height (inches)	3.3307 inch
Width	44 mm	Width (inches)	1.7323 inch
Net weight	72.25 g		

Temperatures

Storage temperature	-40 °C...85 °C	Ambient temperature	-40 °C...65 °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%

Rated data UL

Certificate No. (cURus)	E312083

Load side

Rated switching voltage	300 V AC	Continuous current	10 A
Max. switching voltage, AC	300 V	Contact type	4 CO contact

General data

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

Pollution severity	2	Surge voltage category	III
Clearance and creepage distances for control side - load side	≥ 6 mm	Dielectric strength for control side - load side	2 kVeff / 1 min
Dielectric strength of neighbouring contacts	2 kVeff / 1 min	Impulse withstand voltage	4 kV (1.2/50 µs)
Protection degree	IP10		

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Technical data

Further details of approvals / standards

Certificate No. (cURus)	E312083

Connection data

Wire connection method	Screw connection	Stripping length, rated connection	8 mm
Tightening torque, min.	0.8 Nm	Tightening torque, max.	1 Nm
Clamping range, min.	0.5 mm²	Clamping range, max.	2.5 mm²
Wire cross-section, solid, min.	0.5 mm²	Wire cross-section, solid, max.	2.5 mm²
Wire connection cross section, finely stranded, min.	0.5 mm²	Wire connection cross section, finely stranded, max.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm²
Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm²	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	2.5 mm²
Wire connection	M4 forked cable lug (insulated)	Blade size	Gr. PH2

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		

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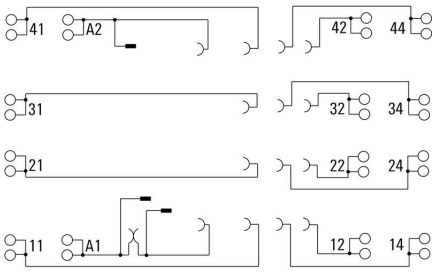
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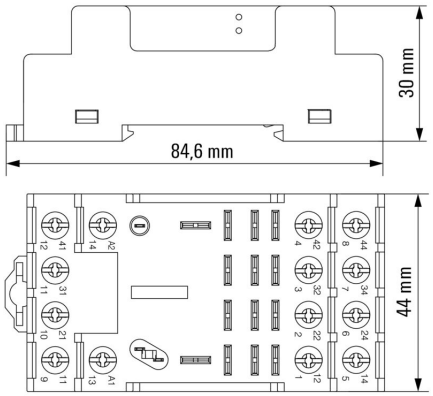
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Drawings

Wiring diagram



Dimensional drawing



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Accessories

Retaining clips



Retaining clip for D-SERIES DRL relays
• Metal retaining clip

General ordering data

Type	SLD CLIP 4CO M	Version
Order No.	7760056235	D-SERIES, Retaining clip
GTIN (EAN)	6944169634055	
Qty.	10 ST	

Protection modules



Pluggable protective modules for the D-SERIES relay sockets, with optional protective functions.
• With free-wheeling diode or RC filter

General ordering data

Type	RIM 5 6/230VDC	Version
Order No.	1174650000	D-SERIES, Free-wheeling diode, Rated control voltage: 6...230 V DC,
GTIN (EAN)	4032248971305	Plug-in connection
Qty.	10 ST	
Type	RIM 5 6/230VAC	Version
Order No.	1174670000	D-SERIES, RC filter, Rated control voltage: 6...230 V AC, Plug-in
GTIN (EAN)	4032248971312	connection
Qty.	10 ST	

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.

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Accessories

General ordering data

Type	SDIK SLIM PH2 X 100	Version
Order No.	2749660000	Screwdriver, Blade width (B): 2 mm, 100 mm, Blade thickness (A): 2
GTIN (EAN)	4050118896404	
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 PH2 X 100	Version
Order No.	2749900000	Screwdriver, Blade width (B): 2 mm, 100 mm, Blade thickness (A): 2
GTIN (EAN)	4050118897203	
Qty.	1 ST	

Type	SDK PH2 X 100	Version
Order No.	2749420000	Screwdriver, Blade width (B): 6 mm, 100 mm, Blade thickness (A): 2
GTIN (EAN)	4050118895643	
Qty.	1 ST	

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