

SLD F 3CO

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: 3, CO contact, Continuous current: 10 A, Screw connection
Order No.	7760056226
Type	SLD F 3CO
GTIN (EAN)	6944169634024
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	34 mm	Width (inches)	1.3386 inch
Net weight	60 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
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Load side

Rated switching voltage	300 V AC	Continuous current	10 A
Max. switching voltage, AC	300 V	Contact type	3 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 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.	2.5 mm ²
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		

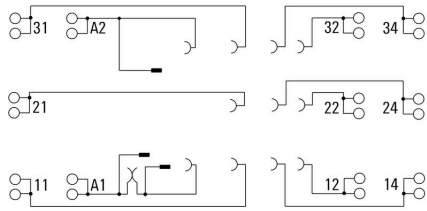
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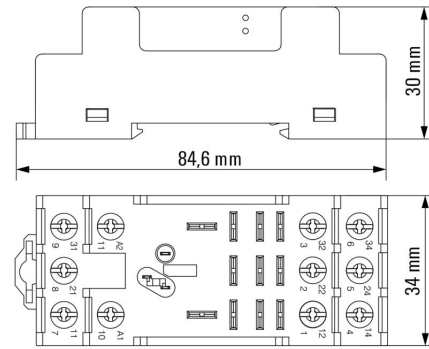
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Drawings

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 3CO M	Version
Order No.	7760056234	D-SERIES, Retaining clip
GTIN (EAN)	6944169634048	
Qty.	10 ST	

LED



Pluggable protective modules for the D-SERIES relay sockets, with optional protective functions.
 • With green LED

General ordering data

Type	RIM 3 110/230VUC	Version
Order No.	7940018455	D-SERIES, LED module, Rated control voltage: 110...230 V UC, Plug-in connection
GTIN (EAN)	4032248878185	
Qty.	10 ST	
Type	RIM 3 24/60VUC	Version
Order No.	7760056018	D-SERIES, LED module, Rated control voltage: 24...60 V UC, Plug-in connection
GTIN (EAN)	4032248878130	
Qty.	10 ST	
Type	RIM 3 6/24VUC	Version
Order No.	7940018457	D-SERIES, LED module, Rated control voltage: 6...24 V UC, Plug-in connection
GTIN (EAN)	4032248878192	
Qty.	10 ST	

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Accessories

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LED / free-wheel diode



Pluggable protective modules for the D-SERIES relay sockets, with optional protective functions.

- With green LED and free-wheeling diode

General ordering data

Type	RIM 2 110/230VDC	Version
Order No.	7760056017	D-SERIES, LED module with freewheel diode, Rated control voltage:
GTIN (EAN)	4032248896615	110...230 V DC, Plug-in connection
Qty.	10 ST	
Type	RIM 2 24/60VDC	Version
Order No.	7760056016	D-SERIES, LED module with freewheel diode, Rated control voltage:
GTIN (EAN)	4032248878123	24...60 V DC, Plug-in connection
Qty.	10 ST	
Type	RIM 2 6/24VDC	Version
Order No.	7760056015	D-SERIES, LED module with freewheel diode, Rated control voltage:
GTIN (EAN)	4032248878116	6...24 V DC, Plug-in connection
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 1 6/230VDC	Version
Order No.	7760056169	D-SERIES, Free-wheeling diode, Rated control voltage: 6...230 V, Plug-
GTIN (EAN)	4032248967728	in connection
Qty.	10 ST	
Type	RIM 3 110/230VAC	Version
Order No.	7760056014	D-SERIES, RC filter, Rated control voltage: 110...230 V AC, Plug-in
GTIN (EAN)	4032248878109	connection
Qty.	10 ST	
Type	RIM 3 110/230VAC LED	Version
Order No.	7760056045	D-SERIES, RC filter, Rated control voltage: 110...230 V AC, Plug-in
GTIN (EAN)	4032248878147	connection
Qty.	10 ST	

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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 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		