

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 pc(s).

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Technical data

Dimensions and weights

Depth	30 mm	Depth (inches)	1.181 inch
Height	84.6 mm	Height (inches)	3.331 inch
Width	34 mm	Width (inches)	1.339 inch
Net weight	60 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...65 °C
Humidity	35...85 % rel. humidity, no condensation		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Rated data UL

Certificate No. (cURus)	E312083
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Load side

Rated switching voltage	250 V AC	Continuous current	10 A
Max. switching voltage, AC	250 V	Contact type	3 CO contact

General data

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 kV _{eff} / 1 min
Dielectric strength of neighbouring contacts	2 kV _{eff} / 1 min	Impulse withstand voltage	4 kV (1.2/50 µs)
Protection degree	IP10		

Further details of approvals / standards

Standards	EN 60664-1:2007, EN 61000-6-2:2005, EN 61000-6-4:2007 + A1:2011, UL 508	Certificate No. (cURus)	E312083
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Technical data

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

Classifications

ETIM 6.0	EC001456	ETIM 7.0	EC001456
ETIM 8.0	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		

Important note

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

Approvals

Approvals



ROHS	Conform
UL File Number Search	E312083

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
Catalogues	Catalogues in PDF-format
Brochures	

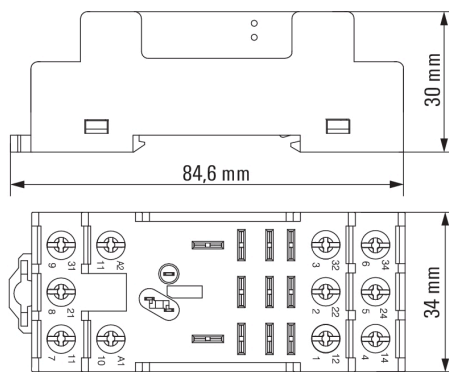
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Drawings

Dimensional drawing



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Mating connector (fully pluggable)

3 CO contacts



Individual relays within the D-SERIES DRL

- 3 CO contacts
- Optional AC or DC coils
- With integrated status LED

General ordering data

Type	DRL373110L	Version
Order No.	2765240000	D-SERIES DRL, Relay, Number of contacts: 3, CO contact AgSnO,
GTIN (EAN)	4064675076957	Rated control voltage: 110 V DC, Continuous current: 10 A, Flat blade
Qty.	10 pc(s).	connections (4.8 mm x 0.5 mm), Test button available: No
Type	DRL370024L	Version
Order No.	1133580000	D-SERIES DRL, Relay, Number of contacts: 3, CO contact AgCdO,
GTIN (EAN)	4032248953004	Rated control voltage: 24 V DC, Continuous current: 10 A, Flat blade
Qty.	10 pc(s).	connections (4.8 mm x 0.5 mm), Test button available: No
Type	DRL373024L	Version
Order No.	2765220000	D-SERIES DRL, Relay, Number of contacts: 3, CO contact AgSnO,
GTIN (EAN)	4064675076971	Rated control voltage: 24 V DC, Continuous current: 10 A, Flat blade
Qty.	10 pc(s).	connections (4.8 mm x 0.5 mm), Test button available: No
Type	DRL370220L	Version
Order No.	1133610000	D-SERIES DRL, Relay, Number of contacts: 3, CO contact AgCdO,
GTIN (EAN)	4032248953035	Rated control voltage: 220 V DC, Continuous current: 10 A, Flat blade
Qty.	10 pc(s).	connections (4.8 mm x 0.5 mm), Test button available: No
Type	DRL373730L	Version
Order No.	2765450000	D-SERIES DRL, Relay, Number of contacts: 3, CO contact AgSnO,
GTIN (EAN)	4064675076742	Rated control voltage: 230 V AC, Continuous current: 10 A, Flat blade
Qty.	10 pc(s).	connections (4.8 mm x 0.5 mm), Test button available: No
Type	DRL370615L	Version
Order No.	1133920000	D-SERIES DRL, Relay, Number of contacts: 3, CO contact AgCdO,
GTIN (EAN)	4032248953424	Rated control voltage: 115 V AC, Continuous current: 10 A, Flat blade
Qty.	10 pc(s).	connections (4.8 mm x 0.5 mm), Test button available: No
Type	DRL370048L	Version
Order No.	1133590000	D-SERIES DRL, Relay, Number of contacts: 3, CO contact AgCdO,
GTIN (EAN)	4032248953011	Rated control voltage: 48 V DC, Continuous current: 10 A, Flat blade
Qty.	10 pc(s).	connections (4.8 mm x 0.5 mm), Test button available: No
Type	DRL370012L	Version
Order No.	1133570000	D-SERIES DRL, Relay, Number of contacts: 3, CO contact AgCdO,
GTIN (EAN)	4032248952991	Rated control voltage: 12 V DC, Continuous current: 10 A, Flat blade
Qty.	10 pc(s).	connections (4.8 mm x 0.5 mm), Test button available: No
Type	DRL370110L	Version
Order No.	1133600000	D-SERIES DRL, Relay, Number of contacts: 3, CO contact AgCdO,
GTIN (EAN)	4032248953028	Rated control voltage: 110 V DC, Continuous current: 10 A, Flat blade
Qty.	10 pc(s).	connections (4.8 mm x 0.5 mm), Test button available: No
Type	DRL373048L	Version
Order No.	2765230000	D-SERIES DRL, Relay, Number of contacts: 3, CO contact AgSnO,
GTIN (EAN)	4064675076964	Rated control voltage: 48 V DC, Continuous current: 10 A, Flat blade
Qty.	10 pc(s).	connections (4.8 mm x 0.5 mm), Test button available: No

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Type	DRL373615L	Version
Order No.	2765440000	D-SERIES DRL, Relay, Number of contacts: 3, CO contact AgSnO,
GTIN (EAN)	4064675076759	Rated control voltage: 115 V AC, Continuous current: 10 A, Flat blade
Qty.	10 pc(s).	connections (4.8 mm x 0.5 mm), Test button available: No
Type	DRL373220L	Version
Order No.	2765250000	D-SERIES DRL, Relay, Number of contacts: 3, CO contact AgSnO,
GTIN (EAN)	4064675076940	Rated control voltage: 220 V DC, Continuous current: 10 A, Flat blade
Qty.	10 pc(s).	connections (4.8 mm x 0.5 mm), Test button available: No
Type	DRL373012L	Version
Order No.	2765210000	D-SERIES DRL, Relay, Number of contacts: 3, CO contact AgSnO,
GTIN (EAN)	4064675076988	Rated control voltage: 12 V DC, Continuous current: 10 A, Flat blade
Qty.	10 pc(s).	connections (4.8 mm x 0.5 mm), Test button available: No
Type	DRL370730L	Version
Order No.	1133930000	D-SERIES DRL, Relay, Number of contacts: 3, CO contact AgCdO,
GTIN (EAN)	4032248953431	Rated control voltage: 230 V AC, Continuous current: 10 A, Flat blade
Qty.	10 pc(s).	connections (4.8 mm x 0.5 mm), Test button available: No
Type	DRL370524L	Version
Order No.	1133910000	D-SERIES DRL, Relay, Number of contacts: 3, CO contact AgCdO,
GTIN (EAN)	4032248953417	Rated control voltage: 24 V AC, Continuous current: 10 A, Flat blade
Qty.	10 pc(s).	connections (4.8 mm x 0.5 mm), Test button available: No
Type	DRL373524L	Version
Order No.	2765430000	D-SERIES DRL, Relay, Number of contacts: 3, CO contact AgSnO,
GTIN (EAN)	4064675076766	Rated control voltage: 24 V AC, Continuous current: 10 A, Flat blade
Qty.	10 pc(s).	connections (4.8 mm x 0.5 mm), Test button available: No

SLD F 3C0**Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**Accessories****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.	20 pc(s).	
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 pc(s).	
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.	20 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 PH2 X 100	Version
Order No.	2749420000	Screwdriver, Blade length: 100 mm
GTIN (EAN)	4050118895643	
Qty.	1 pc(s).	

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Accessories

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 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 pc(s).	
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 pc(s).	
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 pc(s).	

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 pc(s).	
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 pc(s).	
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 pc(s).	

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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 PH2 X 100	Version
Order No.	2749660000	Mounting tool, Blade length: 100 mm
GTIN (EAN)	4050118896404	
Qty.	1 pc(s).	

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 pc(s).	

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www.weidmueller.com**Accessories****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 length: 100 mm
GTIN (EAN)	4050118897203	
Qty.	1 pc(s).	