

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

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.	<a href="#">7760056226</a>
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		

**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 <sub>eff</sub> / 1 min
Dielectric strength of neighbouring contacts	2 kV <sub>eff</sub> / 1 min	Impulse withstand voltage	4 kV (1.2/50 µs)
Protection degree	IP10		

**Further details of approvals / standards**

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 <sup>2</sup>	Clamping range, max.	2.5 mm <sup>2</sup>
Wire cross-section, solid, min.	0.5 mm <sup>2</sup>	Wire cross-section, solid, max.	2.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm <sup>2</sup>
Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm <sup>2</sup>	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	2.5 mm <sup>2</sup>
Wire connection	M4 forked cable lug (insulated)	Blade size	Gr. PH2

## Classifications

ETIM 6.0	EC001456	ETIM 7.0	EC001456
ETIM 8.0	EC001456	ETIM 9.0	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

## 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	UL Website
Certificate No. (cURus)	E312083

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

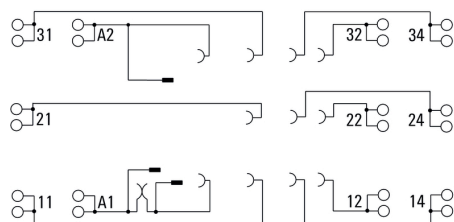
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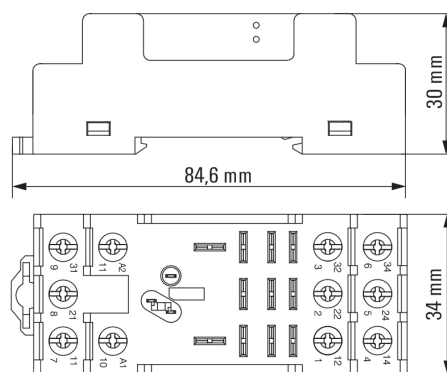
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## Drawings

### Wiring diagram



### Dimensional drawing



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****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.	<a href="#">2749420000</a>	Screwdriver, Blade width (B): 2 mm, 100 mm, Blade thickness (A):
GTIN (EAN)	4050118895643	
Qty.	1 pc(s).	

**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.	<a href="#">2749900000</a>	Screwdriver, Blade width (B): 2 mm, 100 mm, Blade thickness (A): 2
GTIN (EAN)	4050118897203	
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.	<a href="#">7760056015</a>	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 24/60VDC	Version
Order No.	<a href="#">7760056016</a>	D-SERIES, LED module with freewheel diode, Rated control voltage:
GTIN (EAN)	4032248878123	24...60 V DC, Plug-in connection
Qty.	10 pc(s).	
Type	RIM 2 110/230VDC	Version
Order No.	<a href="#">7760056017</a>	D-SERIES, LED module with freewheel diode, Rated control voltage:
GTIN (EAN)	4032248896615	110...230 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.	<a href="#">7760056169</a>	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.	<a href="#">7760056014</a>	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.	<a href="#">7760056045</a>	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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## 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.	<a href="#">2749660000</a>	Screwdriver, Blade width (B): 2 mm, 100 mm, Blade thickness (A): 2
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.	<a href="#">7760056234</a>	D-SERIES, Retaining clip
GTIN (EAN)	6944169634048	
Qty.	10 pc(s).	

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[www.weidmueller.com](http://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 24/60VUC	Version
Order No.	<a href="#">7760056018</a>	D-SERIES, LED module, Rated control voltage: 24...60 V UC, Plug-in connection
GTIN (EAN)	4032248878130	
Qty.	10 pc(s).	
Type	RIM 3 110/230VUC	Version
Order No.	<a href="#">7940018455</a>	D-SERIES, LED module, Rated control voltage: 110...230 V UC, Plug-in connection
GTIN (EAN)	4032248878185	
Qty.	10 pc(s).	
Type	RIM 3 6/24VUC	Version
Order No.	<a href="#">7940018457</a>	D-SERIES, LED module, Rated control voltage: 6...24 V UC, Plug-in connection
GTIN (EAN)	4032248878192	
Qty.	10 pc(s).	