D-SERIES DRR
SRD ECO 2CO

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
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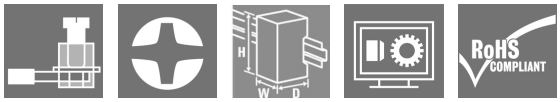
Product image



Accessories for D-SERIES relays include:
- Relay bases
- LED / Protective modules
- Metal retaining clips

General ordering data

Type	SRD ECO 2CO
Order No.	1132810000
Version	D-SERIES DRR, Relay base, No. of contacts: 2 CO contact, Continuous current: 12 A, Screw connection
GTIN (EAN)	4032248952663
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Width	38 mm	Width (inches)	1.496 inch
Height	76.7 mm	Height (inches)	3.02 inch
Depth	27 mm	Depth (inches)	1.063 inch
Net weight	50 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	300 V
Continuous current	12 A		

Contact data

Contact type	2 CO contact

General data

Mounting rail	TS 35	Colour	Black

Insulation coordination

Surge voltage category	III	Pollution severity	2
Protection degree	IP20	Dielectric strength input – output	2.5 KV_{eff} / 1 min.
Creepage and clearance distance input – output	≥ 4 mm	Dielectric strength of neighbouring contacts	2.21 kV_{eff}/1 min
Impulse withstand voltage	4.8 kV (1.2/50 µs)		

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)	E355547

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Technical data

Connection data

Wire connection method	Screw connection	Stripping length, rated connection	7 mm
Tightening torque, min.	0.5 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.	2.5 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 cross section, finely stranded, two clampable wires, min.	0.5 mm²	Wire cross-section, finely stranded, two clampable wires, max.	1 mm²
Blade size	size PH1		

Classifications

ETIM 3.0	EC001456	ETIM 5.0	EC001456
ETIM 6.0	EC001456	eClass 6.2	27-37-16-03
eClass 7.1	27-37-16-03	eClass 8.1	27-37-16-03
eClass 9.0	27-37-16-03	eClass 9.1	27-37-16-03

Product information

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

Approvals

Approvals	
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PA_5600_160310_004.pdf
Brochure/Catalogue	CAT 4.2 ELECTR 18/19 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP

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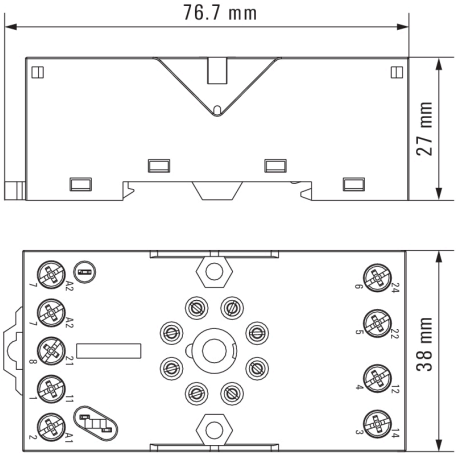
Drawings

Dimensional drawing



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Mating connector (fully pluggable)

2 CO contacts

Relay from the D-SERIES DRR.
- 2 or 3 CO contacts
- Wide range of coil voltages
- With integrated status display (AC red, DC green)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DRR270024L	1133370000	D-SERIES DRR, Relay, No. of contacts: 2 CO contact AgNi, Rated control voltage: 24 V DC, Continuous current: 10 A, Plug-in connection	4032248952724	10 pc(s).
DRR270730L	1133800000	D-SERIES DRR, Relay, No. of contacts: 2 CO contact AgNi, Rated control voltage: 230 V AC, Continuous current: 10 A, Plug-in connection	4032248953318	10 pc(s).
DRR270220L	1133400000	D-SERIES DRR, Relay, No. of contacts: 2 CO contact AgNi, Rated control voltage: 220 V DC, Continuous current: 10 A, Plug-in connection	4032248952755	10 pc(s).
DRR270615L	1133780000	D-SERIES DRR, Relay, No. of contacts: 2 CO contact AgNi, Rated control voltage: 115 V AC, Continuous current: 10 A, Plug-in connection	4032248953202	10 pc(s).
DRR270012L	1133360000	D-SERIES DRR, Relay, No. of contacts: 2 CO contact AgNi, Rated control voltage: 12 V DC, Continuous current: 10 A, Plug-in connection	4032248952717	10 pc(s).
DRR270048L	1133380000	D-SERIES DRR, Relay, No. of contacts: 2 CO contact AgNi, Rated control voltage: 48 V DC, Continuous current: 10 A, Plug-in connection	4032248952731	10 pc(s).
DRR270110L	1133390000	D-SERIES DRR, Relay, No. of contacts: 2 CO contact AgNi, Rated control voltage: 110 V DC, Continuous	4032248952748	10 pc(s).

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Mating connector (fully pluggable)

	current: 10 A, Plug-in connection		
DRR270524L 1133760000	D-SERIES DRR, Relay, No. of contacts: 2 CO contact AgNi, Rated control voltage: 24 V AC, Continuous current: 10 A, Plug-in connection	4032248953196	10 pc(s).

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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	Order No.	Version	GTIN (EAN)	Qty.
SDK PH1	9008480000	Screwdriver, Blade width (B): 4.5 mm, Blade length: 80 mm	4032248056477	1 pc(s).

Protective modules

Accessories for D-SERIES relays include:
- Relay bases
- LED / Protective modules
- Metal retaining clips

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
RIM 5 6/230VAC	1174670000	D-SERIES, RC filter, Rated control voltage: 6...230 V AC, Plug-in connection	4032248971312	10 pc(s).
RIM 5 6/230VDC	1174650000	D-SERIES, Free-wheel diode, Rated control voltage: 6...230 V DC, Plug-in connection	4032248971305	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	Order No.	Version	GTIN (EAN)	Qty.
SDIK PH1 SL	1274710000	Assembly tool, Blade length: 80 mm	4050118073249	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	Order No.	Version	GTIN (EAN)	Qty.
SDIK PH1	9008570000	Screwdriver, Blade length: 80 mm	4032248056569	1 pc(s).

Retaining clip

Accessories for D-SERIES relays include:
- Relay bases
- LED / Protective modules
- Metal retaining clips

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DRR CLIP M	1134160000	D-SERIES DRR, Retaining clip	4032248953479	10 pc(s).