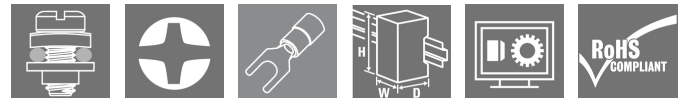


D-SERIES DRM FS 2CO

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
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 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
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Product image



Accessories for D-SERIES relays include:

- Relay bases
- LED / Protective modules
- Metal retaining clips

General ordering data

Type	FS 2CO
Order No.	7760056106
Version	D-SERIES DRM, Relay bases, Number of contacts: 2, CO contact, Continuous current: 12 A, Screw connection
GTIN (EAN)	4032248855582
Qty.	10 pc(s).

Creation date May 1, 2020 2:34:06 PM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

**D-SERIES DRM
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Technical data
Dimensions and weights

Width	24.7 mm	Width (inches)	0.972 inch
Height	69.8 mm	Height (inches)	2.748 inch
Depth	28.9 mm	Depth (inches)	1.138 inch
Net weight	33.5 g		

Temperatures

Operating temperature, max.	70 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	70 °C	Storage temperature, min.	-40 °C
Operating temperature	-40 °C...70 °C	Storage temperature	-40 °C...70 °C

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Rated data UL

Certificate No. (cURus) E312083

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

Version	flat design	Rail	TS 35
Colour	black	UL 94 flammability rating	V-0

Insulation coordination

Surge voltage category	II	Pollution severity	2
Protection degree	IP10	Dielectric strength, Input/Output	2 kV _{eff} / 1 min
Creepage and clearance distance input – output	≥ 4 mm	Dielectric strength of neighbouring contacts	2 kV _{eff} / 1 min
Impulse withstand voltage	4 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)	E312083
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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.	0.8 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.	1.5 mm ²
Wire connection	M3 forked cable lug (insulated)	Blade size	size PH1

Classifications

ETIM 6.0	EC001456	ETIM 7.0	EC001456
eClass 9.0	27-37-16-03	eClass 9.1	27-37-16-03
eClass 10.0	27-37-16-03		

Product information

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

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Brochure/Catalogue	CAT 4.2 ELECTR 18/19 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP

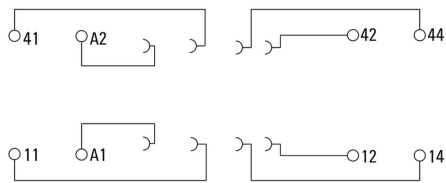
Data sheet

**D-SERIES DRM
FS 2CO**

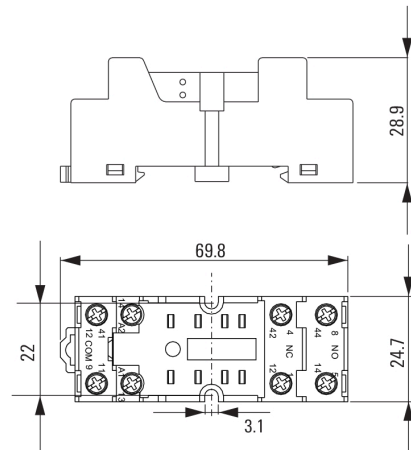
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Drawings

Wiring diagram



Dimensional drawing



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Mating connector (fully pluggable)

with LED and free-wheel diode



Relay from the D-SERIES DRE.

- 2 or 4 CO contacts
- Compact design
- Wide range of coil voltages
- Integrated with test button (AC red, DC blue)
- Integrated with status display (AC red, DC green) and/or free-wheel diode

General ordering data

Type	DRE270024LD	Version
Order No.	7760054280	D-SERIES DRE, Relay, Number of contacts: 2, CO contact, Ag alloy,
GTIN (EAN)	6944169719882	Rated control voltage: 24 V DC, Continuous current: 5 A, Plug-in connection
Qty.	20 pc(s).	

standard relay



Relay from the D-SERIES DRM.

- 2 or 4 CO contacts
- Compact design
- Wide range of coil voltages
- Optional test button (AC red, DC blue)
- Optional with integrated status display (AC red, DC green) and/or free-wheel diode

General ordering data

Type	DRM270730	Version
Order No.	7760056058	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15 µm Au, Rated control voltage: 230 V AC, Continuous current: 10 A, Plug-in connection
GTIN (EAN)	4032248855971	
Qty.	20 pc(s).	
Type	DRM270012	Version
Order No.	7760056050	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15 µm Au, Rated control voltage: 12 V DC, Continuous current: 10 A, Plug-in connection
GTIN (EAN)	4032248856053	
Qty.	20 pc(s).	
Type	DRM270110	Version
Order No.	7760056053	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15 µm Au, Rated control voltage: 110 V DC, Continuous current: 10 A, Plug-in connection
GTIN (EAN)	4032248856022	
Qty.	20 pc(s).	
Type	DRM270548	Version
Order No.	7760056056	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15 µm Au, Rated control voltage: 48 V AC, Continuous current: 10 A, Plug-in connection
GTIN (EAN)	4032248855995	
Qty.	20 pc(s).	
Type	DRM270024	Version
Order No.	7760056051	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15 µm Au, Rated control voltage: 24 V DC, Continuous current: 10 A, Plug-in connection
GTIN (EAN)	4032248856046	
Qty.	20 pc(s).	

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Mating connector (fully pluggable)

Type	DRM270524	Version
Order No.	7760056055	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15
GTIN (EAN)	4032248856008	µm Au, Rated control voltage: 24 V AC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection
Type	DRM270615	Version
Order No.	7760056057	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15
GTIN (EAN)	4032248855988	µm Au, Rated control voltage: 115 V AC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection
Type	DRM270048	Version
Order No.	7760056052	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15
GTIN (EAN)	4032248856039	µm Au, Rated control voltage: 48 V DC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection
Type	DRM270220	Version
Order No.	7760056054	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15
GTIN (EAN)	4032248856015	µm Au, Rated control voltage: 220 V DC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection

with LED and test button



Relay from the D-SERIES DRM.

- 2 or 4 CO contacts
- Compact design
- Wide range of coil voltages
- Optional test button (AC red, DC blue)
- Optional with integrated status display (AC red, DC green) and/or free-wheel diode

General ordering data

Type	DRM270730LT AU	Version
Order No.	7760056186	D-SERIES DRM, Relay, Number of contacts: 2, CO contact with test
GTIN (EAN)	4032248922253	button, AgNi 5µm Au, Rated control voltage: 230 V AC, Continuous
Qty.	20 pc(s).	current: 10 A, Plug-in connection
Type	DRM270024LT AU	Version
Order No.	7760056185	D-SERIES DRM, Relay, Number of contacts: 2, CO contact with test
GTIN (EAN)	4032248922246	button, AgNi 5µm Au, Rated control voltage: 24 V DC, Continuous
Qty.	20 pc(s).	current: 10 A, Plug-in connection

D-SERIES DRM FS 2CO

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Mating connector (fully pluggable)

with LED and free-wheel diode



Relay from the D-SERIES DRM.

- 2 or 4 CO contacts
- Compact design
- Wide range of coil voltages
- Optional test button (AC red, DC blue)
- Optional with integrated status display (AC red, DC green) and/or free-wheel diode

General ordering data

Type	DRM270024LD	Version
Order No.	7760056124	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15
GTIN (EAN)	4032248855544	µm Au, Rated control voltage: 24 V DC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection
Type	DRM270024LD	Version
Order No.	7760056077	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15
GTIN (EAN)	4032248855780	µm Au, Rated control voltage: 24 V DC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection

with LED



Relay from the D-SERIES DRE.

- 2 or 4 CO contacts
- Compact design
- Wide range of coil voltages
- Integrated with test button (AC red, DC blue)
- Integrated with status display (AC red, DC green) and/or free-wheel diode

General ordering data

Type	DRE270615L	Version
Order No.	7760054278	D-SERIES DRE, Relay, Number of contacts: 2, CO contact, Ag alloy,
GTIN (EAN)	6944169719868	Rated control voltage: 115 V AC, Continuous current: 5 A, Plug-in
Qty.	20 pc(s).	connection
Type	DRE270048L	Version
Order No.	7760054274	D-SERIES DRE, Relay, Number of contacts: 2, CO contact, Ag alloy,
GTIN (EAN)	6944169719820	Rated control voltage: 48 V DC, Continuous current: 5 A, Plug-in
Qty.	20 pc(s).	connection
Type	DRE270730L	Version
Order No.	7760054279	D-SERIES DRE, Relay, Number of contacts: 2, CO contact, Ag alloy,
GTIN (EAN)	6944169719875	Rated control voltage: 230 V AC, Continuous current: 5 A, Plug-in
Qty.	20 pc(s).	connection
Type	DRE270110L	Version
Order No.	7760054275	D-SERIES DRE, Relay, Number of contacts: 2, CO contact, Ag alloy,
GTIN (EAN)	6944169719837	Rated control voltage: 110 V DC, Continuous current: 5 A, Plug-in
Qty.	20 pc(s).	connection

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Mating connector (fully pluggable)

Type	DRE270024L	Version
Order No.	7760054273	D-SERIES DRE, Relay, Number of contacts: 2, CO contact, Ag alloy,
GTIN (EAN)	6944169719813	Rated control voltage: 24 V DC, Continuous current: 5 A, Plug-in
Qty.	20 pc(s).	connection
Type	DRE270548L	Version
Order No.	7760054277	D-SERIES DRE, Relay, Number of contacts: 2, CO contact, Ag alloy,
GTIN (EAN)	6944169719851	Rated control voltage: 48 V AC, Continuous current: 5 A, Plug-in
Qty.	20 pc(s).	connection
Type	DRE270524L	Version
Order No.	7760054276	D-SERIES DRE, Relay, Number of contacts: 2, CO contact, Ag alloy,
GTIN (EAN)	6944169719844	Rated control voltage: 24 V AC, Continuous current: 5 A, Plug-in
Qty.	20 pc(s).	connection
Type	DRE270012L	Version
Order No.	7760054272	D-SERIES DRE, Relay, Number of contacts: 2, CO contact, Ag alloy,
GTIN (EAN)	6944169719806	Rated control voltage: 12 V DC, Continuous current: 5 A, Plug-in
Qty.	20 pc(s).	connection

with LED

Relay from the D-SERIES DRM.

- 2 or 4 CO contacts
- Compact design
- Wide range of coil voltages
- Optional test button (AC red, DC blue)
- Optional with integrated status display (AC red, DC green) and/or free-wheel diode

General ordering data

Type	DRM270024L	Version
Order No.	7760056060	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15
GTIN (EAN)	4032248855957	µm Au, Rated control voltage: 24 V DC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection
Type	DRM270048L	Version
Order No.	7760056061	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15
GTIN (EAN)	4032248855940	µm Au, Rated control voltage: 48 V DC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection
Type	DRM270110L	Version
Order No.	7760056062	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15
GTIN (EAN)	4032248855933	µm Au, Rated control voltage: 110 V DC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection
Type	DRM270730L	Version
Order No.	7760056067	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15
GTIN (EAN)	4032248855889	µm Au, Rated control voltage: 230 V AC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection
Type	DRM270548L	Version
Order No.	7760056065	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15
GTIN (EAN)	4032248855902	µm Au, Rated control voltage: 48 V AC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection

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Mating connector (fully pluggable)

Type	DRM270615L	Version
Order No.	7760056066	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15
GTIN (EAN)	4032248855896	µm Au, Rated control voltage: 115 V AC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection
Type	DRM270125L	Version
Order No.	7760056115	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15
GTIN (EAN)	4032248883110	µm Au, Rated control voltage: 125 V DC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection
Type	DRM270220L	Version
Order No.	7760056063	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15
GTIN (EAN)	4032248855926	µm Au, Rated control voltage: 220 V DC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection
Type	DRM270012L	Version
Order No.	7760056059	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15
GTIN (EAN)	4032248855964	µm Au, Rated control voltage: 12 V DC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection
Type	DRM270524L	Version
Order No.	7760056064	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 0,15
GTIN (EAN)	4032248855919	µm Au, Rated control voltage: 24 V AC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection

with LED

Relay from the D-SERIES DRM.

- 2 or 4 CO contacts
- Compact design
- Wide range of coil voltages
- Optional test button (AC red, DC blue)
- Optional with integrated status display (AC red, DC green) and/or free-wheel diode

General ordering data

Type	DRM270024L AU	Version
Order No.	7760056183	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 5µm
GTIN (EAN)	4032248922222	Au, Rated control voltage: 24 V DC, Continuous current: 10 A, Plug-in
Qty.	20 pc(s).	connection
Type	DRM270730L AU	Version
Order No.	7760056184	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi 5µm
GTIN (EAN)	4032248922239	Au, Rated control voltage: 230 V AC, Continuous current: 10 A, Plug-
Qty.	20 pc(s).	in connection

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Mating connector (fully pluggable)**with LED and test button**

Relay from the D-SERIES DRM.

- 2 or 4 CO contacts
- Compact design
- Wide range of coil voltages
- Optional test button (AC red, DC blue)
- Optional with integrated status display (AC red, DC green) and/or free-wheel diode

General ordering data

Type	Version
DRM270730LT	Version
Order No. 7760056076	D-SERIES DRM, Relay, Number of contacts: 2, CO contact with test button, AgNi 0,15 µm Au, Rated control voltage: 230 V AC,
GTIN (EAN) 4032248855797	Continuous current: 10 A, Plug-in connection
Qty. 20 pc(s).	
DRM270024LT	Version
Order No. 7760056069	D-SERIES DRM, Relay, Number of contacts: 2, CO contact with test button, AgNi 0,15 µm Au, Rated control voltage: 24 V DC, Continuous
GTIN (EAN) 4032248855865	current: 10 A, Plug-in connection
Qty. 20 pc(s).	
DRM270110LT	Version
Order No. 7760056071	D-SERIES DRM, Relay, Number of contacts: 2, CO contact with test button, AgNi 0,15 µm Au, Rated control voltage: 110 V DC,
GTIN (EAN) 4032248855841	Continuous current: 10 A, Plug-in connection
Qty. 20 pc(s).	
DRM270012LT	Version
Order No. 7760056068	D-SERIES DRM, Relay, Number of contacts: 2, CO contact with test button, AgNi 0,15 µm Au, Rated control voltage: 12 V DC, Continuous
GTIN (EAN) 4032248855872	current: 10 A, Plug-in connection
Qty. 20 pc(s).	
DRM270220LT	Version
Order No. 7760056072	D-SERIES DRM, Relay, Number of contacts: 2, CO contact with test button, AgNi 0,15 µm Au, Rated control voltage: 220 V DC,
GTIN (EAN) 4032248855834	Continuous current: 10 A, Plug-in connection
Qty. 20 pc(s).	
DRM270048LT	Version
Order No. 7760056070	D-SERIES DRM, Relay, Number of contacts: 2, CO contact with test button, AgNi 0,15 µm Au, Rated control voltage: 48 V DC, Continuous
GTIN (EAN) 4032248855858	current: 10 A, Plug-in connection
Qty. 20 pc(s).	
DRM270548LT	Version
Order No. 7760056074	D-SERIES DRM, Relay, Number of contacts: 2, CO contact with test button, AgNi 0,15 µm Au, Rated control voltage: 48 V AC, Continuous
GTIN (EAN) 4032248855810	current: 10 A, Plug-in connection
Qty. 20 pc(s).	
DRM270524LT	Version
Order No. 7760056073	D-SERIES DRM, Relay, Number of contacts: 2, CO contact with test button, AgNi 0,15 µm Au, Rated control voltage: 24 V AC, Continuous
GTIN (EAN) 4032248855827	current: 10 A, Plug-in connection
Qty. 20 pc(s).	
DRM270615LT	Version
Order No. 7760056075	D-SERIES DRM, Relay, Number of contacts: 2, CO contact with test button, AgNi 0,15 µm Au, Rated control voltage: 115 V AC,
GTIN (EAN) 4032248855803	Continuous current: 10 A, Plug-in connection
Qty. 20 pc(s).	

Data sheet

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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 PH1 SL	Version
Order No.	1274710000	Mounting tool, Blade length: 80 mm
GTIN (EAN)	4050118073249	
Qty.	1 pc(s).	

Retaining clip



Accessories for D-SERIES relays include:

- Relay bases
- LED / Protective modules
- Metal retaining clips

General ordering data

Type	DRM/DRL CLIP M	Version
Order No.	7760056108	D-SERIES, Retaining clip
GTIN (EAN)	4032248855568	
Qty.	20 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	SDK PH1	Version
Order No.	9008480000	Screwdriver, Blade width (B): 4.5 mm, Blade length: 80 mm
GTIN (EAN)	4032248056477	
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 PH1	Version
Order No.	9008570000	Screwdriver, Blade length: 80 mm
GTIN (EAN)	4032248056569	
Qty.	1 pc(s).	