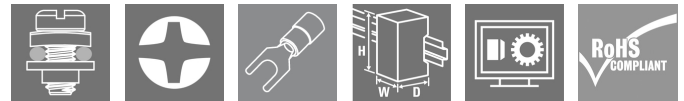


FS 2CO**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Relay sockets for the D-SERIES DRM relays

- 2 and 4 CO contacts
- Screw and PUSH IN connection
- Standard and low heights

General ordering data

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

FS 2CO

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Technical data

Dimensions and weights

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

Temperatures

Storage temperature	-40 °C...70 °C	Operating temperature	-40 °C...70 °C
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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	12 A
Max. switching voltage, AC	300 V	Contact type	2 CO contact

General data

Version	flat design		
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	II
Clearance and creepage distances for control side - load side	≥ 4 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

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
ETIM 8.0	EC001456	ETIM 9.0	EC001456
ETIM 10.0	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	ECLASS 14.0	27-37-16-03
ECLASS 15.0	27-37-16-03		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Important note

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

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E312083

Downloads

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

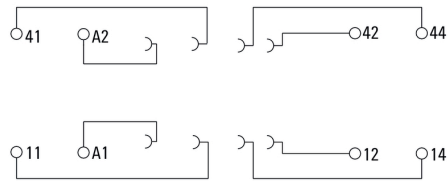
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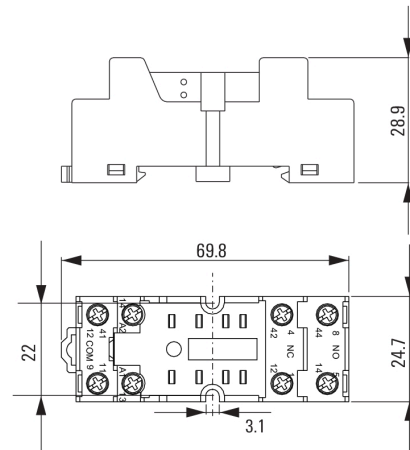
www.weidmueller.com

Drawings

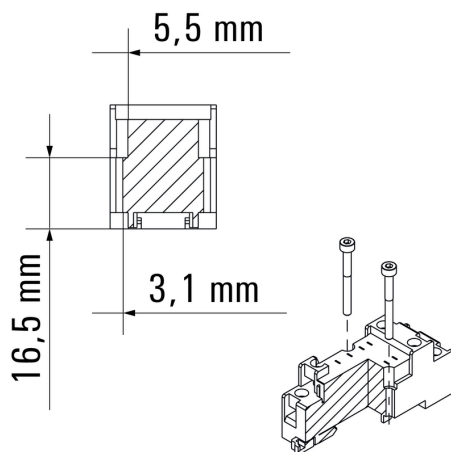
Wiring diagram



Dimensional drawing



Dimensional drawing



FS 2CO

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Mating connector (fully pluggable)

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, Rated control voltage: 115 V AC, Continuous current: 5 A, Plug-in connection
GTIN (EAN)	6944169719868	
Qty.	20 pc(s).	
Type	DRE270110L	Version
Order No.	7760054275	D-SERIES DRE, Relay, Number of contacts: 2, CO contact, Ag alloy, Rated control voltage: 110 V DC, Continuous current: 5 A, Plug-in connection
GTIN (EAN)	6944169719837	
Qty.	20 pc(s).	
Type	DRE270012L	Version
Order No.	7760054272	D-SERIES DRE, Relay, Number of contacts: 2, CO contact, Ag alloy, Rated control voltage: 12 V DC, Continuous current: 5 A, Plug-in connection
GTIN (EAN)	6944169719806	
Qty.	20 pc(s).	
Type	DRE270048L	Version
Order No.	7760054274	D-SERIES DRE, Relay, Number of contacts: 2, CO contact, Ag alloy, Rated control voltage: 48 V DC, Continuous current: 5 A, Plug-in connection
GTIN (EAN)	6944169719820	
Qty.	20 pc(s).	
Type	DRE270024L	Version
Order No.	7760054273	D-SERIES DRE, Relay, Number of contacts: 2, CO contact, Ag alloy, Rated control voltage: 24 V DC, Continuous current: 5 A, Plug-in connection
GTIN (EAN)	6944169719813	
Qty.	20 pc(s).	
Type	DRE270524L	Version
Order No.	7760054276	D-SERIES DRE, Relay, Number of contacts: 2, CO contact, Ag alloy, Rated control voltage: 24 V AC, Continuous current: 5 A, Plug-in connection
GTIN (EAN)	6944169719844	
Qty.	20 pc(s).	
Type	DRE270548L	Version
Order No.	7760054277	D-SERIES DRE, Relay, Number of contacts: 2, CO contact, Ag alloy, Rated control voltage: 48 V AC, Continuous current: 5 A, Plug-in connection
GTIN (EAN)	6944169719851	
Qty.	20 pc(s).	
Type	DRE270730L	Version
Order No.	7760054279	D-SERIES DRE, Relay, Number of contacts: 2, CO contact, Ag alloy, Rated control voltage: 230 V AC, Continuous current: 5 A, Plug-in connection
GTIN (EAN)	6944169719875	
Qty.	20 pc(s).	

FS 2CO

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Germany

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Mating connector (fully pluggable)

with LED



Individual relays within the D-SERIES DRM

- 2 CO contacts
- AC coils
- With integrated status LED

General ordering data

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

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, Rated control voltage: 24 V DC, Continuous current: 5 A, Plug-in connection
GTIN (EAN)	6944169719882	
Qty.	20 pc(s).	

FS 2CO

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Mating connector (fully pluggable)

standard relay



Individual relays within the D-SERIES DRM

- 2 CO contacts
- Optional AC or DC coils

General ordering data

Type	DRM270548	Version
Order No.	7760056056	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi flash
GTIN (EAN)	4032248855995	gold-plated, Rated control voltage: 48 V AC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection
Type	DRM270524	Version
Order No.	7760056055	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi flash
GTIN (EAN)	4032248856008	gold-plated, Rated control voltage: 24 V AC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection
Type	DRM270730	Version
Order No.	7760056058	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi flash
GTIN (EAN)	4032248855971	gold-plated, Rated control voltage: 230 V AC, Continuous current: 10
Qty.	20 pc(s).	A, Plug-in connection
Type	DRM270048	Version
Order No.	7760056052	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi flash
GTIN (EAN)	4032248856039	gold-plated, Rated control voltage: 48 V DC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection
Type	DRM270110	Version
Order No.	7760056053	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi flash
GTIN (EAN)	4032248856022	gold-plated, Rated control voltage: 110 V DC, Continuous current: 10
Qty.	20 pc(s).	A, Plug-in connection
Type	DRM270615	Version
Order No.	7760056057	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi flash
GTIN (EAN)	4032248855988	gold-plated, Rated control voltage: 115 V AC, Continuous current: 10
Qty.	20 pc(s).	A, Plug-in connection
Type	DRM270012	Version
Order No.	7760056050	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi flash
GTIN (EAN)	4032248856053	gold-plated, Rated control voltage: 12 V DC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection
Type	DRM270024	Version
Order No.	7760056051	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi flash
GTIN (EAN)	4032248856046	gold-plated, Rated control voltage: 24 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 flash
GTIN (EAN)	4032248856015	gold-plated, Rated control voltage: 220 V DC, Continuous current: 10
Qty.	20 pc(s).	A, Plug-in connection

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Germany

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Mating connector (fully pluggable)

with LED and test button



Individual relays within the D-SERIES DRM

- 2 CO contacts
- AC coils
- With integrated status LED and test button

General ordering data

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

FS 2CO

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Germany

www.weidmueller.com

Mating connector (fully pluggable)

with LED and free-wheel diode



Individual relays within the D-SERIES DRM

- 2 CO contacts
- DC coils
- With integrated status LED and free-wheeling diode

General ordering data

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

with LED and test button



Individual relays within the D-SERIES DRM

- 2 CO contacts
- AC coils
- With integrated status LED and test button

General ordering data

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

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Mating connector (fully pluggable)

with LED



Individual relays within the D-SERIES DRM

- 2 CO contacts
- AC coils
- With integrated status LED

General ordering data

Type	DRM270548L	Version
Order No.	7760056065	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi flash
GTIN (EAN)	4032248855902	gold-plated, Rated control voltage: 48 V AC, 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 flash
GTIN (EAN)	4032248855919	gold-plated, Rated control voltage: 24 V AC, 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 flash
GTIN (EAN)	4032248855889	gold-plated, Rated control voltage: 230 V AC, Continuous current: 10
Qty.	20 pc(s).	A, Plug-in connection
Type	DRM270220L	Version
Order No.	7760056063	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi flash
GTIN (EAN)	4032248855926	gold-plated, Rated control voltage: 220 V DC, Continuous current: 10
Qty.	20 pc(s).	A, Plug-in connection
Type	DRM270024L	Version
Order No.	7760056060	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi flash
GTIN (EAN)	4032248855957	gold-plated, Rated control voltage: 24 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 flash
GTIN (EAN)	4032248855933	gold-plated, Rated control voltage: 110 V DC, Continuous current: 10
Qty.	20 pc(s).	A, Plug-in connection
Type	DRM270615L	Version
Order No.	7760056066	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi flash
GTIN (EAN)	4032248855896	gold-plated, Rated control voltage: 115 V AC, Continuous current: 10
Qty.	20 pc(s).	A, Plug-in connection
Type	DRM270048L	Version
Order No.	7760056061	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi flash
GTIN (EAN)	4032248855940	gold-plated, Rated control voltage: 48 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 flash
GTIN (EAN)	4032248855964	gold-plated, Rated control voltage: 12 V DC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection

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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 PH1 X 80	Version
Order No.	2749410000	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A):
GTIN (EAN)	4050118895636	
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 X 80	Version
Order No.	2749890000	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118897098	
Qty.	1 pc(s).	

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www.weidmueller.com**Accessories****Retaining clips**

Retaining clip for D-SERIES DRM relays

- Metal and plastic retaining clip

General ordering data

Type	DRM/DRL CLIP M	Version
Order No.	7760056108	D-SERIES, Retaining clip
GTIN (EAN)	4032248855568	
Qty.	10 pc(s).	

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 PH1 X 80	Version
Order No.	2749650000	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118896398	
Qty.	1 pc(s).	