

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).

Creation date February 19, 2022 10:13:15 AM CET

Catalogue status 11.02.2022 / We reserve the right to make technical changes.

FS 2CO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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
---------------------	----------------	-----------------------	----------------

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Rated data UL

Certificate No. (cURus)	E312083
-------------------------	---------

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

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

FS 2CO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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	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.

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, Zuken E3.S](#)
Catalogues [Catalogues in PDF-format](#)
Brochures

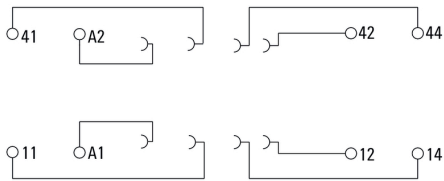
FS 2CO

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

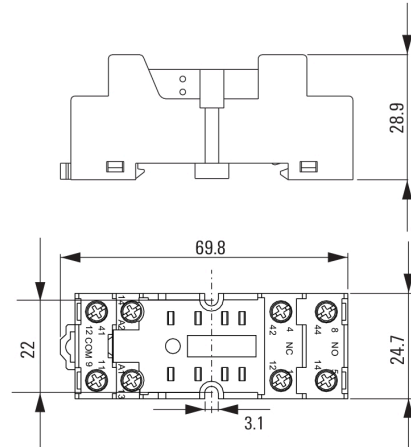
www.weidmueller.com

Drawings

Wiring diagram



Dimensional drawing



FS 2CO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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 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.	7760056185	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)	4032248922253	
Qty.	20 pc(s).	
Type	DRM270024LT AU	Version
Order No.	7760056185	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)	4032248922246	
Qty.	20 pc(s).	

FS 2CO

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

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).	

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

FS 2CO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Mating connector (fully pluggable)

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	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	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

with LED



Individual relays within the D-SERIES DRM

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

General ordering data

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	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	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

Creation date February 19, 2022 10:13:15 AM CET

Catalogue status 11.02.2022 / We reserve the right to make technical changes.

7

FS 2CO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Mating connector (fully pluggable)

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	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	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

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	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
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	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	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
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

Creation date February 19, 2022 10:13:15 AM CET

Catalogue status 11.02.2022 / We reserve the right to make technical changes.

8

FS 2CO

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Mating connector (fully pluggable)

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 connection
Qty.	20 pc(s).	
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 connection
Qty.	20 pc(s).	
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 connection
Qty.	20 pc(s).	

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

standard relay



Individual relays within the D-SERIES DRM

- 2 CO contacts
- Optional AC or DC coils

General ordering data

Type	DRM270048	Version
Order No.	7760056052	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi flash gold-plated, Rated control voltage: 48 V DC, Continuous current: 10 A, Plug-in connection
GTIN (EAN)	4032248856039	
Qty.	20 pc(s).	

Creation date February 19, 2022 10:13:15 AM CET

Catalogue status 11.02.2022 / We reserve the right to make technical changes.

FS 2CO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Mating connector (fully pluggable)

Type	DRM270730	Version
Order No.	7760056058	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi flash
GTIN (EAN)	4032248856021	gold-plated, Rated control voltage: 230 V AC, Continuous current: 10
Qty.	20 pc(s).	A, 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	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	DRM270615	Version
Order No.	7760056057	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi flash
GTIN (EAN)	4032248856058	gold-plated, Rated control voltage: 115 V AC, Continuous current: 10
Qty.	20 pc(s).	A, 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	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
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	DRM270548	Version
Order No.	7760056056	D-SERIES DRM, Relay, Number of contacts: 2, CO contact, AgNi flash
GTIN (EAN)	4032248856095	gold-plated, Rated control voltage: 48 V AC, Continuous current: 10 A,
Qty.	20 pc(s).	Plug-in connection

FS 2CO

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

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	Mounting tool, Blade length: 80 mm
GTIN (EAN)	4050118896398	
Qty.	1 pc(s).	

FS 2CO

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

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