

D-SERIES DRM SCM 2CO ECO

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com



Accessories for D-SERIES relays include:

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

General ordering data

Type	SCM 2CO ECO
Order No.	7760056263
Version	D-SERIES DRM, Relay base, No. of contacts: 2 CO contact, Continuous current: 12 A, Screw connection
GTIN (EAN)	6944 169662966
Qty.	10 pc(s).

**D-SERIES DRM
SCM 2CO ECO**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data**Dimensions and weights**

Width	27.2 mm	Width (inches)	1.071 inch
Height	79.9 mm	Height (inches)	3.146 inch
Depth	61 mm	Depth (inches)	2.402 inch
Net weight	51.301 g		

Temperatures

Humidity	35...85 % rel. humidity, no condensation	Operating temperature	-40 °C...70 °C
Storage temperature	-40 °C...70 °C		

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

Insulation coordination

Rated voltage	250 V	Surge voltage category	III
Pollution severity	2	Insulating material group	C
Protection degree	IP20	Dielectric strength input – output	4 kV _{eff} / 1 min
Creepage and clearance distance input – output	≥ 5.5 mm	Dielectric strength of neighbouring contacts	4 kV _{eff} / 1 min
Dielectric strength of open contact	1 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)	E312083
-----------	--	-------------------------	---------

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.	2.5 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	2.5 mm ²
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	1 mm ²
Blade size	size PH1		

Creation date 27 February 2018 11:37:53 CET

Data sheet

**D-SERIES DRM
SCM 2CO ECO**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

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

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PA_5600_160310_001.pdf
Brochure/Catalogue	CAT 4.2 ELECTR 15/16 EN
Engineering Data	EPLAN_WSCAD

**D-SERIES DRM
SCM 2CO ECO**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings**Dimensional drawing**