

D-SERIES DRM SCM 2CO ECO

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
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Product image



Similar to illustration

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 bases, Number of contacts: 2 CO contact, Continuous current: 12 A, Screw connection
GTIN (EAN)	6944 169662966
Qty.	10 pc(s).

Creation date June 12, 2020 9:42:06 AM CEST

Catalogue status 09.06.2020 / We reserve the right to make technical changes.

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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	36.4 g		

Temperatures

Humidity	35...85 % rel. humidity, no condensation	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

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

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
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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.	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		

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		

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
Engineering Data	STEP

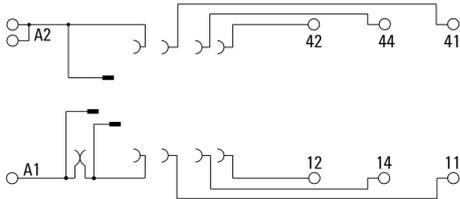
Data sheet

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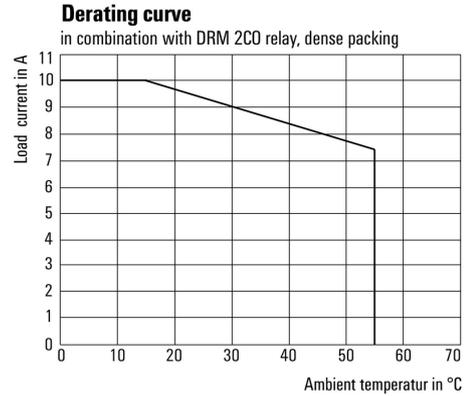
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Drawings

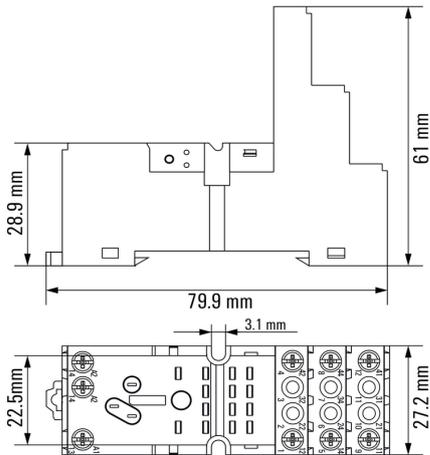
Wiring diagram



Graph



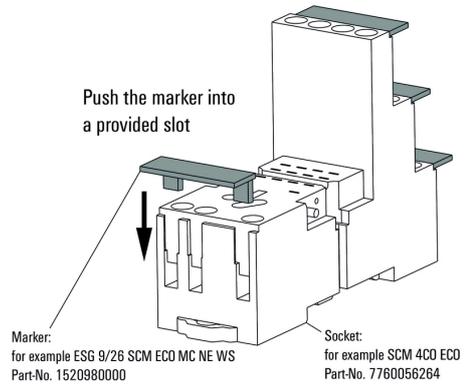
Dimensional drawing



Example of use

Derating curve
 In combination with DRM 2CO
 relays fitted closely side by side

How to install marker
 on screw connection sockets (four slots available)



How to install marker
 on screw connection sockets (four slots available)