

**D-SERIES DRM
SCM 4CO 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 4CO ECO
Order No.	7760056264
Version	D-SERIES DRM, Relay base, No. of contacts: 4 CO contact, Continuous current: 6 A, Screw connection
GTIN (EAN)	6944169662973
Qty.	10 pc(s).

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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	68.4 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		

Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	300 V
Continuous current	6 A		

Contact data

Contact type	4 CO contact
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General data

Mounting rail	TS 35	Colour	Black
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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 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

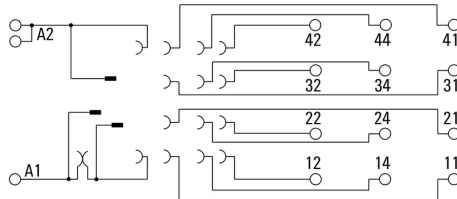
Approval/Certificate/Document of Conformity	DE_PA_5600_160310_001.pdf
Brochure/Catalogue	CAT 4.2 ELECTR 18/19 EN
Engineering Data	EPLAN, WSCAD

D-SERIES DRM SCM 4CO ECO

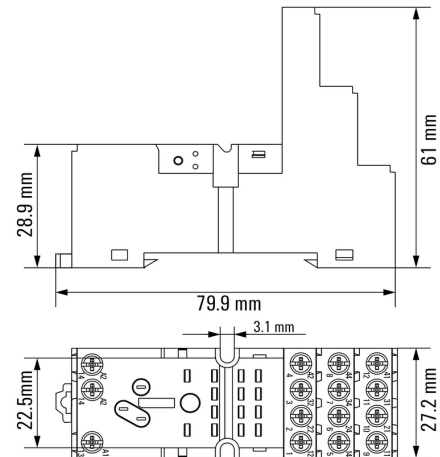
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Drawings

Wiring diagram



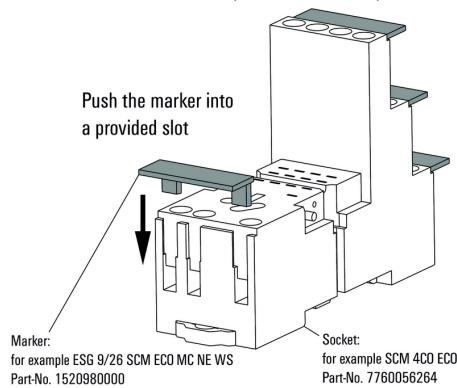
Dimensional drawing



Example of use

How to install marker

on screw connection sockets (four slots available)



How to install marker

on screw connection sockets (four slots available)