

SCM 2CO P**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 bases, Number of contacts: 2, CO contact, Continuous current: 12 A, PUSH IN
Order No.	7760056362
Type	SCM 2CO P
GTIN (EAN)	6944169772269
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Depth	42.7 mm	Depth (inches)	1.681 inch
Height	101.8 mm	Height (inches)	4.008 inch
Net weight	65.2 g	Width	30.6 mm
Width (inches)	1.205 inch		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...55 °C
Humidity	5...85 %, no condensation		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Rated data UL

Certificate No. (cURus)	E355547
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Load side

Continuous current	12 A	Max. switching voltage, AC	250 V
Rated switching voltage	250 V AC		

Contact data

Contact type	2 CO contact
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General data

Rail	TS 35	
Colour	black	
UL94 flammability rating component	Component	Retaining clip
	UL94 flammability rating	HB
	Component	Mounting foot
	UL94 flammability rating	HB
	Component	Pusher
	UL94 flammability rating	HB
	Component	Housing
	UL94 flammability rating	V-2

Insulation coordination

Creepage and clearance distance input – output	≥ 3 mm	Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.
Dielectric strength of open contact	2.5 kV _{eff} / 1 Min.	Dielectric strength, Input/Output	4 kV _{eff} / 1 min
Impulse withstand voltage at input and output	4.8 kV (1.2/50 µs)	Impulse withstand voltage at neighbouring contacts	4.8 kV (1.2/50 µs)
Insulating material group	IIIb	Pollution severity	2
Protection degree	IP20	Rated voltage	300 V
Surge voltage category	III		

Further details of approvals / standards

Certificate No. (cURus)	E355547
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Creation date March 29, 2021 8:53:35 PM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Connection data

Wire connection method	PUSH IN	Stripping length, rated connection	10 mm
Clamping range, rated connection	1.5 mm ²	Clamping range, min.	0.14 mm ²
Clamping range, max.	1.5 mm ²	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 16	Wire cross-section, solid, min.	0.14 mm ²
Wire cross-section, solid, max.	1.5 mm ²	Wire connection cross section, finely stranded, min.	0.14 mm ²
Wire connection cross section, finely stranded, max.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.14 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm ²	Blade size	0.4 x 2.5 mm

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	ECLASS 11.0	27-37-16-03

Important note

Product information	Only connection A2 with the cross-connection SCM/SDI P CC (art. no. 7760056366) can be bridged on this socket.
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Approvals

Approvals



ROHS	Conform
UL File Number Search	E355547

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN

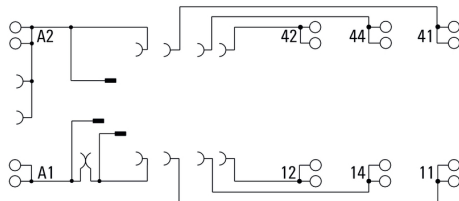
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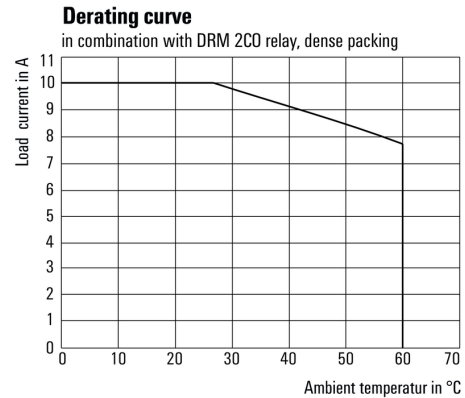
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Drawings

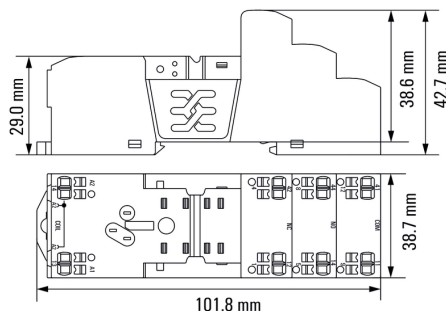
Wiring diagram



Graph



Dimensional drawing

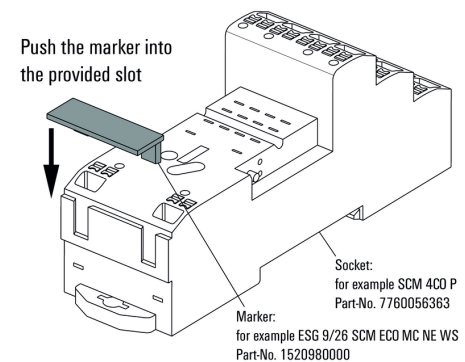


Example of use

Derating curve
in combination with DRM 2CO relay, dense packing

How to install marker

on PUSH IN connection sockets (one slot available)



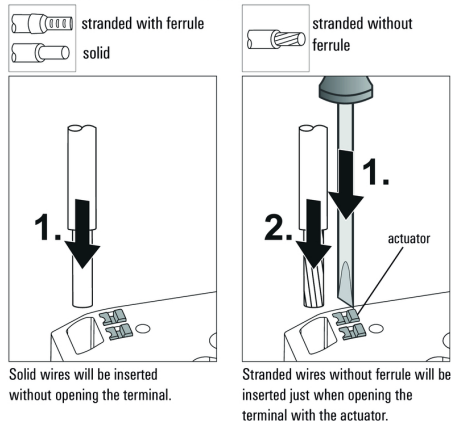
How to install marker

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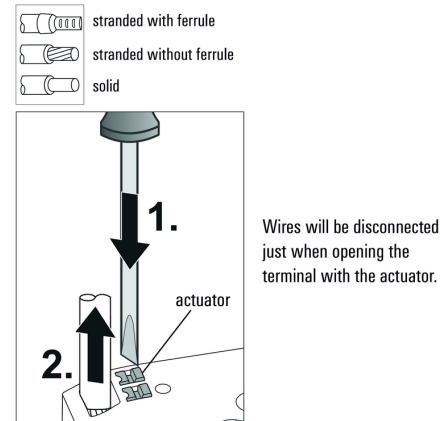
Miscellaneous

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Insert flexible and solid cables



Removal of cables



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Drawings

Miscellaneous

Recommended screwdriver

to push the actuator in PUSH IN

