

SCM 4CO ECO**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: 4, CO contact, Continuous current: 6 A, Screw connection
Order No.	7760056264
Type	SCM 4CO ECO
GTIN (EAN)	6944 169662973
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Depth	61 mm	Depth (inches)	2.402 inch
Height	79.9 mm	Height (inches)	3.146 inch
Net weight	67.6 g	Width	27.2 mm
Width (inches)	1.071 inch		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Rated data UL

Certificate No. (cURus)	E312083
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Load side

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

Contact data

Contact type	4 CO contact
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General data

Rail	TS 35												
Colour	black												
UL94 flammability rating component	<table> <tr> <td>Component</td><td>Retaining clip</td></tr> <tr> <td>UL94 flammability rating</td><td>HB</td></tr> <tr> <td>Component</td><td>Mounting foot</td></tr> <tr> <td>UL94 flammability rating</td><td>HB</td></tr> <tr> <td>Component</td><td>Housing</td></tr> <tr> <td>UL94 flammability rating</td><td>V-2</td></tr> </table>	Component	Retaining clip	UL94 flammability rating	HB	Component	Mounting foot	UL94 flammability rating	HB	Component	Housing	UL94 flammability rating	V-2
Component	Retaining clip												
UL94 flammability rating	HB												
Component	Mounting foot												
UL94 flammability rating	HB												
Component	Housing												
UL94 flammability rating	V-2												

Insulation coordination

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	Dielectric strength, Input/Output	4 kV _{eff} / 1 min
Impulse withstand voltage	4.8 kV (1.2/50 µs)	Insulating material group	C
Pollution severity	2	Protection degree	IP20
Rated voltage	250 V	Surge voltage category	III

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	ECLASS 11.0	27-37-16-03

Approvals

Approvals



ROHS	Conform
UL File Number Search	E312083

Downloads

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

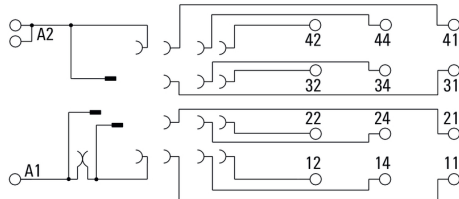
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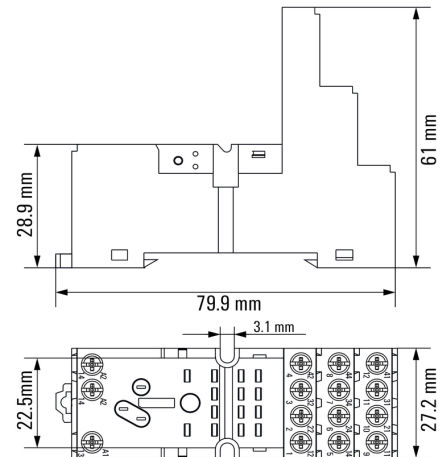
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Drawings

Wiring diagram



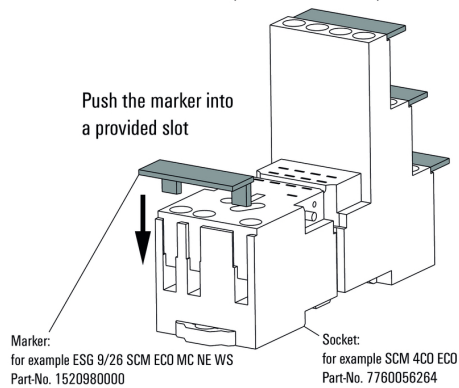
Dimensional drawing



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)