

FS 2CO**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

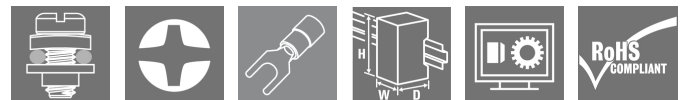
32760 Detmold

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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 socket, Number of contacts: 2, CO contact, Continuous current: 12 A, Screw connection
Order No.	7760056106
Type	FS 2CO
GTIN (EAN)	4032248855582
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Depth	28.9 mm	Depth (inches)	1.138 inch
Height	69.8 mm	Height (inches)	2.748 inch
Width	24.7 mm	Width (inches)	0.972 inch
Net weight	33.5 g		

Temperatures

Storage temperature	-40 °C...70 °C	Operating temperature	-40 °C...70 °C
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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

Rated switching voltage	250 V AC	Continuous current	12 A
Max. switching voltage, AC	300 V	Contact type	2 CO contact

General data

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

Insulation coordination

Pollution severity	2	Surge voltage category	II
Clearance and creepage distances for control side - load side	≥ 4 mm	Dielectric strength for control side - load side	2 kV _{eff} / 1 min
Dielectric strength of neighbouring contacts	2 kV _{eff} / 1 min	Impulse withstand voltage	4 kV (1.2/50 μs)
Protection degree	IP10		

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.	1.5 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm ²
Wire connection	M3 forked cable lug (insulated)	Blade size	size PH1

Classifications

ETIM 6.0	EC001456	ETIM 7.0	EC001456
ETIM 8.0	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	ECLASS 12.0	27-37-16-03

Important note

Product information For this socket, a cross connection is not available.

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E312083

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Catalogues	Catalogues in PDF-format
Brochures	

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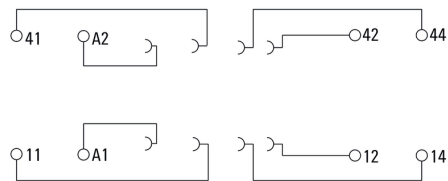
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Drawings

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Wiring diagram



Dimensional drawing

