

**FS 2CO****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 socket, Number of contacts: 2, CO contact, Continuous current: 12 A, Screw connection
Order No.	<a href="#">7760056106</a>
Type	FS 2CO
GTIN (EAN)	4032248855582
Qty.	10 pc(s).

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Catalogue status 01.09.2023 / We reserve the right to make technical changes.

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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
Operating temperature, min.	-40 °C	Operating temperature, max.	70 °C

## 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 <sub>eff</sub> / 1 min
Dielectric strength of neighbouring contacts	2 kV <sub>eff</sub> / 1 min	Impulse withstand voltage	4 kV (1.2/50 μs)
Protection degree	IP10		

## Further details of approvals / standards

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 <sup>2</sup>	Clamping range, max.	2.5 mm <sup>2</sup>
Wire cross-section, solid, min.	0.5 mm <sup>2</sup>	Wire cross-section, solid, max.	2.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm <sup>2</sup>
Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm <sup>2</sup>	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm <sup>2</sup>
Wire connection	M3 forked cable lug (insulated)	Blade size	size PH1

## Classifications

ETIM 6.0	EC001456	ETIM 7.0	EC001456
ETIM 8.0	EC001456	ETIM 9.0	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	ECLASS 13.0	27371603

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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## Important note

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

Approvals



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

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">Zuken E3.S</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

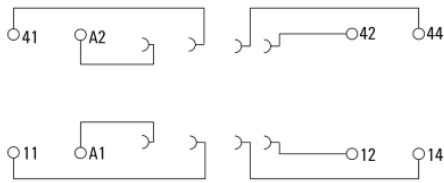
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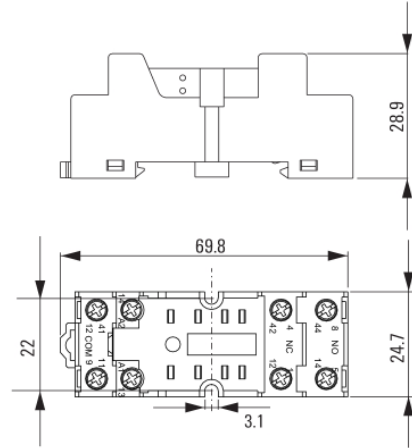
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**Drawings**

**Wiring diagram**



**Dimensional drawing**



**Dimensional drawing**

