

**RSD**  
**RSD 12 LP/LP**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
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www.weidmueller.com



Interfaces with diodes for surge voltage protection, lamp testing or protection against reversed polarity.

**General ordering data**

Type	RSD 12 LP/LP
Order No.	<a href="#">0181461001</a>
Version	Interface, RSD, Free diode, Screw connection
GTIN (EAN)	4032248047406
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Length	65 mm	Length (inches)	2.559 inch
Width	70 mm	Width (inches)	2.756 inch
Height	42 mm	Height (inches)	1.654 inch
Net weight	71.48 g		

**Temperatures**

Operating temperature, max.	55 °C	Operating temperature, min.	0 °C
Storage temperature, max.	60 °C	Storage temperature, min.	-40 °C
Operating temperature	0...55 °C	Storage temperature	-40...60 °C

**Connection data**

Type of component	Diode 1N4007	Configuration	Through diode
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**Rating Data**

Rated voltage (text)	230 V	Rated current per connection	1 A
Components	Diode	Value	1N4007
Max. recurring peak voltage	1,000 V		

**Insulation coordination (EN50178)**

According to	DIN EN 50178	Rated insulation voltage	230 V
Surge voltage category	II	Pollution severity level	2
Pulse voltage test (1,2/50µs)	2 kV	Insulation test voltage	0.35 kVAC

**Connection field**

Type of connection	Screw connection	Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	6 mm <sup>2</sup>	Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>
Solid, max. H05(07) V-U	6 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	4 mm <sup>2</sup>	Flexible with sleeve, max.	2.5 mm <sup>2</sup>
Flexible with sleeve, min.	0.5 mm <sup>2</sup>	Sleeve with plastic collar, max.	2.5 mm <sup>2</sup>
Min. wire cross-section, AWG	AWG 26	Max. wire cross-section, AWG	AWG 12
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	6 mm		

**Classifications**

ETIM 3.0	EC001419	ETIM 4.0	EC001421
ETIM 5.0	EC001421	ETIM 6.0	EC002780
UNSPSC	30-21-18-01	eClass 5.1	27-24-22-04
eClass 6.2	27-13-08-02	eClass 7.1	27-14-11-52
eClass 8.1	27-14-11-52	eClass 9.0	27-14-11-52
eClass 9.1	27-14-11-52		

**Approvals**

Approvals



ROHS

Conform

Creation date April 13, 2018 8:05:36 AM CEST

Catalogue status 06.04.2018 / We reserve the right to make technical changes.

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**Data sheet****RSD  
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**Technical data****Downloads**

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Approval/Certificate/Document of Conformity	<a href="#">CIF113_01_12.pdf</a>
Brochure/Catalogue	<a href="#">CAT 4.5 ELECTR 16/17 EN</a>
Engineering Data	<a href="#">WSCAD</a>

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**Data sheet**

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**Drawings**

