

RSD
RSD 12 LP/LP

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



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

General ordering data

Order No.	0181461001
Type	RSD 12 LP/LP
Version	Interface, RSD, Free diode, Screw connection
GTIN (EAN)	4032248047406
Qty.	1 pc(s).

**RSD
RSD 12 LP/LP**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data
Dimensions and weights

Length	65 mm	Width	70 mm
Height	42 mm	Net weight	71.48 g

Temperatures

Operating temperature	0...+55°C	Storage temperature	-40...+60 °C
-----------------------	-----------	---------------------	--------------

Connection data

Type of component	Diode 1N4007	Configuration	Through diode
-------------------	--------------	---------------	---------------

Rating Data

Rated voltage (text)	230 V	Rated current per connection	1 A
Components	Diode	Value	1N4007

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 ²
Clamping range, max.	6 mm ²	Solid, min. H05(07) V-U	0.5 mm ²
Solid, max. H05(07) V-U	6 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	4 mm ²	Flexible with sleeve, max.	2.5 mm ²
Flexible with sleeve, min.	0.5 mm ²	Sleeve with plastic collar, max.	2.5 mm ²
Min. wire cross-section, AWG [field]	AWG 26	Max. wire cross-section, AWG [field]	AWG 12
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	6 mm		

Classifications

ETIM 2.0	EC001419	ETIM 3.0	EC001419
UNSPSC	30-21-18-01	eClass 4.1	27-24-04-04
eClass 5.1	27-24-22-04	eClass 6.2	27-13-08-02
eClass 7.1	27-14-02-01		

Approvals

Approvals



ROHS Conform

Downloads

 Declaration of Conformity [K319_10_09.pdf](#)

Data sheet...

RSD
RSD 12 LP/LP

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

