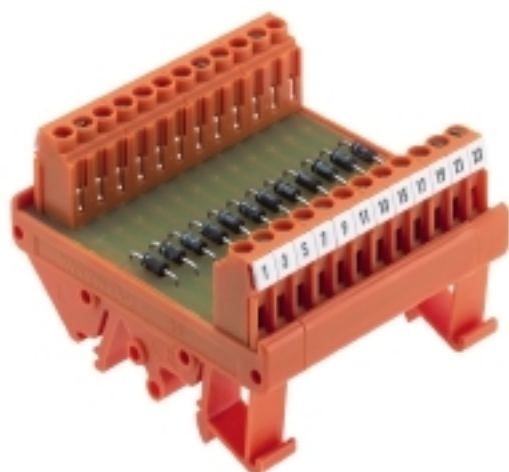


RSD 12 LP/LP**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration

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

General ordering data

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

RSD 12 LP/LP

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

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

Temperatures

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

Rated data UL

Certificate No. (cURus)	E141197
-------------------------	---------

Connection data

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

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

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

Classifications

ETIM 6.0	EC002780	ETIM 7.0	EC002780
ECLASS 9.0	27-14-11-52	ECLASS 9.1	27-14-11-52
ECLASS 10.0	27-14-11-52	ECLASS 11.0	27-14-11-52

Approvals

Approvals



ROHS	Conform
UL File Number Search	E141197

Creation date March 22, 2021 8:58:45 AM CET

RSD 12 LP/LP

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Downloads

Approval/Certificate/Document of
Conformity

[Declaration of Conformity](#)

Engineering Data

[WSCAD](#)

Product Change Notification

[20200929 Technical change to RSX LOETST. LP, RSD and RSD AK families](#)

RSD 12 LP/LP

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

