

RSD
RSD 20 LP/LP**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

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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 20 LP/LP
Order No.	8022911001
Version	Interface, RSD, Free diode, Screw connection
GTIN (EAN)	4032248122332
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	120 mm	Width	70 mm
Height	42 mm	Net weight	187 g

Temperatures

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

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	1.2 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 3.0	EC001419	UNSPSC	30-21-18-01
eClass 5.1	27-24-22-04	eClass 6.2	27-24-22-04
eClass 7.1	27-24-22-04		

Approvals

Approvals



ROHS Conform

Downloads

 Declaration of Conformity [K319_10_09.pdf](#)

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Drawings

