



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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RSD
RSD 20 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

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

Data sheet

RSD RSD 20 LP/LP

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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

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Declaration of Conformity [K319_10_09.pdf](#)

Data sheet

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Drawings

