



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.	8022911001
Type	RSD 20 LP/LP
GTIN (EAN)	4032248122332
Qty.	1 items

RSD 20 LP/LP

Weidmüller Interface GmbH & Co. KG

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Germany

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E141197

Dimensions and weights

Depth	42 mm	Depth (inches)	1.6535 inch
Height	70 mm	Height (inches)	2.7559 inch
Width	120 mm	Width (inches)	4.7244 inch
Net weight	187 g		

Temperatures

Storage temperature	-40...60 °C	Operating temperature	0...55 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a
REACH SVHC	Lead 7439-92-1
SCIP	c81824f0-4ab4-46d2-8ea1-d0fb421fd3a2

Rated data UL

Rated current I _N	1 A	Operating temperature UL, min.	0 °C
Operating temperature UL, max.	25 °C	Rated current I _{max}	1 A
Rated voltage UN	230 V		

Connection data

Type of component	Diode 1N4007	Configuration	Through diode
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Rating Data

Rated voltage	230 V	Rated current per connection	1 A
Components	Diode	Value	1N4007
Max. recurring peak voltage	1000 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 AC	1.2 kV

Connection field

Min. wire cross-section, AWG	AWG 26	Type of connection	Screw connection
Sleeve with plastic collar, max.	2.5 mm ²	Flexible with sleeve, min.	0.5 mm ²
Flexible with sleeve, max.	2.5 mm ²	Flexible, max. H05(07) V-K	4 mm ²
Flexible, min. H05(07) V-K	0.5 mm ²	Solid, max. H05(07) V-U	6 mm ²

Technical data

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
Clamping range, max.	6 mm ²	Clamping range, min.	0.5 mm ²
Max. wire cross-section, AWG	AWG 12		

Standard features

Design	Diode gate
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Classifications

ETIM 8.0	EC002780	ETIM 9.0	EC002780
ETIM 10.0	EC002780	ECLASS 14.0	27-14-11-52
ECLASS 15.0	27-14-11-52		

Drawings

