

## RSD A20 LP/LP

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

[www.weidmueller.com](http://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, Common anode, Screw connection
Order No.	<a href="#">1312780000</a>
Type	RSD A20 LP/LP
GTIN (EAN)	4050118115727
Qty.	1 pc(s).

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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Depth	42 mm	Depth (inches)	1.654 inch
Height	70 mm	Height (inches)	2.756 inch
Width	60 mm	Width (inches)	2.362 inch
Net weight	68.1 g		

## Temperatures

Storage temperature	-40...60 °C	Operating temperature	0...55 °C
Operating temperature, min.	0 °C	Operating temperature, max.	55 °C

## Connection data

Configuration	Shared anode	Type of component	Diode 1N4007
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## Rating Data

Rated voltage	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 <sup>2</sup>	Clamping range, min.	0.5 mm <sup>2</sup>
Flexible with sleeve, max.	2.5 mm <sup>2</sup>	Flexible with sleeve, min.	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	4 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Max. wire cross-section, AWG	AWG 12	Min. wire cross-section, AWG	AWG 26
Sleeve with plastic collar, max.	2.5 mm <sup>2</sup>	Solid, max. H05(07) V-U	6 mm <sup>2</sup>
Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>	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
ETIM 8.0	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	ECLASS 12.0	27-14-11-52

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	c81824f0-4ab4-46d2-8ea1-d0fb421fd3a2

**Data sheet****RSD A20 LP/LP**

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**Technical data****Approvals**

Approvals



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Approval/Certificate/Document of  
Conformity

[Declaration of Conformity](#)

Product Change Notification

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

Catalogues

[Catalogues in PDF-format](#)

Brochures

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**Drawings**

