

RSD A20 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, Common anode, Screw connection
Order No.	1312780000
Type	RSD A20 LP/LP
GTIN (EAN)	4050118115727
Qty.	1 pc(s).

RSD A20 LP/LP

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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
---------------------	-------------	-----------------------	-----------

Connection data

Configuration	Shared anode	Type of component	Diode 1N4007
---------------	--------------	-------------------	--------------

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 AC	0.35 kV

Connection field

Clamping range, max.	6 mm ²	Clamping range, min.	0.5 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
ETIM 8.0	EC002780	ETIM 9.0	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	ECLASS 13.0	27-14-11-52

Environmental Product Compliance

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

RSD A20 LP/LP**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****Approvals**

Approvals



ROHS Conform

UL File Number Search UL Website

Certificate No. (UR) E141197

DownloadsApproval/Certificate/Document of Con-
formity[Declaration of Conformity](#)

Product Change Notification

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

Catalogues

[Catalogues in PDF-format](#)

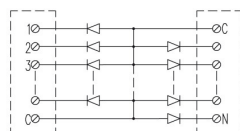
Brochures

RSD A20 LP/LP

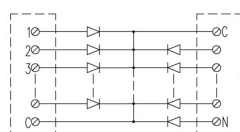
Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings



RSD A



RSD K