RSD
RSD K10 LP/LP

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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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 K10 LP/LP
Order No.	1312770000
Version	Interface, RSD, Common cathode, Screw connection
GTIN (EAN)	4050118115819
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	35 mm	Length (inches)	1.378 inch
Width	70 mm	Width (inches)	2.756 inch
Height	42 mm	Height (inches)	1.654 inch
Net weight	52 g		

Temperatures

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

Connection data

Type of component	Diode 1N4007	Configuration	Shared anode

Rating Data

Rated voltage (text)	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

Type of connection	Screw connection	Clamping range, min.	0.13 mm²
Clamping range, max.	6 mm²	Solid, min. H05(07) V-U	0.5 mm²
Solid, max. H05(07) V-U	6 mm²	Flexible, min. H05(07) V-K	0.5 mm²
Flexible, max. H05(07) V-K	4 mm²	Flexible with sleeve, max.	2.5 mm²
Flexible with sleeve, min.	0.5 mm²	Sleeve with plastic collar, max.	2.5 mm²
Min. wire cross-section, AWG	AWG 26	Max. wire cross-section, AWG	AWG 12
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	6 mm		

Classifications

ETIM 6.0	EC002780	ETIM 7.0	EC002780
eClass 9.0	27-14-11-52	eClass 9.1	27-14-11-52
eClass 10.0	27-14-11-52		

Approvals

Approvals	CE
ROHS	Conform

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Technical data

Downloads

Approval/Certificate/Document of Conformity	CIF113_01_12.pdf
Brochure/Catalogue	CAT 4.5 ELECTR 16/17 EN
Engineering Data	WSCAD

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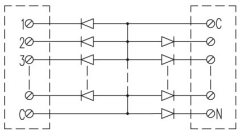
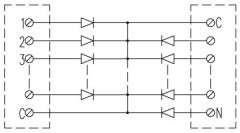
Drawings



RSD A



RSD K