Product datasheet

Specifications

Green Premium™

Screw socket equipped with LED and protection circuit, 12...24 V AC/DC

RSLZVA1

Main

Range Of Produc	Harmony Electromechanical Relays
Device Short Name	RSLZ
Product Or Component Type	Socket
Device Presentation	Basic element
Product Compatibility	Plug-in relay RSL with 1 C/O contact at 12 V DC Plug-in relay RSL with 1 C/O contact at 24 V DC
Contacts Type And Composition	1 C/O
[Ith] Conventional Free Air Thermal Current	6 A
Switching Voltage	12 V AC/DC 24 V AC/DC
Rated Operational Voltage Limits	11.4...14.4 V 21.6...28.8 V
[Ue] Rated Operational Voltage	< 300 V AC

Complementary

Group Of Product	RSL_CON_12-24
Shape Of Pin	Flat
Contact Terminal Arrangement	Separate
Connections - Terminals	Connector, 1 x 0.2...1 x 2.5 mm² (AWG 24...AWG 14) flexible with cable end Connector, 1 x 0.2...1 x 2.5 mm² (AWG 24...AWG 14) solid without cable end
Compatibility Code	RSLZ
Tightening Torque	< 0.4 N.m for M2.5 screw(s)
Fixing Mode	Plastic compression spring (35 mm symmetrical DIN rail)
[Uimp] Rated Impulse Withstand Voltage	3.6 kV
Overvoltage Category	III
Pollution Degree	3
Sale Per Indivisible Quantity	10
Cad Overall Width	6.2 mm
Cad Overall Height	78.6 mm
Cad Overall Depth	95 mm
Net Weight	0.023 kg

Environment

Ip Degree Of Protection	IP20 conforming to IEC 60529
Standards	IEC 61984 UL 508
Product Certifications	CSA GOST
Marking	CE
Ambient Air Temperature For Storage	-40…85 °C
Ambient Air Temperature For Operation	-40…70 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8.500 cm
Package 1 Width	7.200 cm
Package 1 Length	10.800 cm
Package 1 Weight	23.000 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	10
Package 2 Height	8.500 cm
Package 2 Width	7.200 cm
Package 2 Length	10.800 cm
Package 2 Weight	262.000 g
Unit Type Of Package 3	S03
Number Of Units In Package 3	300
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	8.395 kg

Contractual warranty

Warranty	18 months

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Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency   RoHS/REACh

Well-being performance

✓ Reach Free Of Svhc

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation

REACh Declaration

Eu Rohs Directive

Pro-active compliance (Product out of EU RoHS legal scope)

EU RoHS Declaration

China Rohs Regulation

China RoHS declaration

Environmental Disclosure

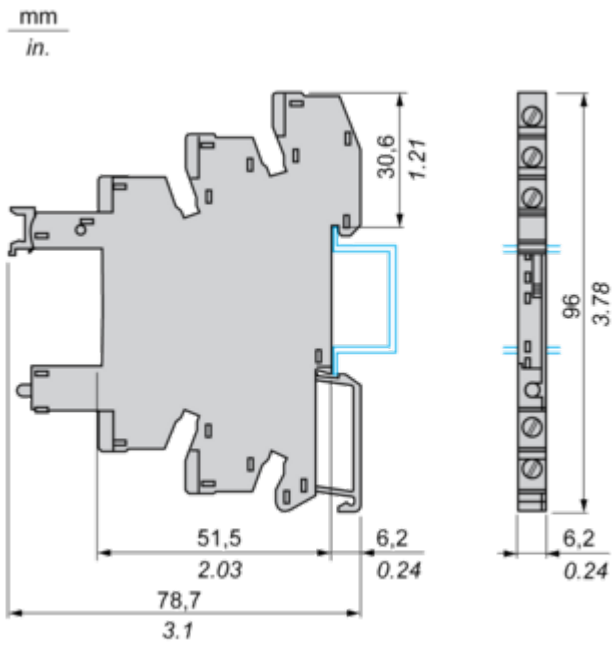Product Environmental Profile

Weee

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile

End of Life Information
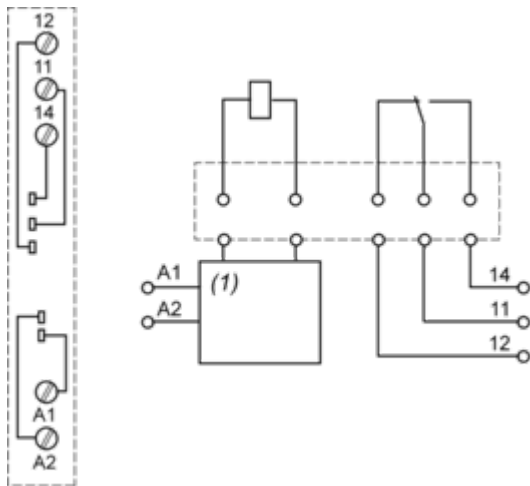
Dimensions Drawings

Dimensions

mm / in.

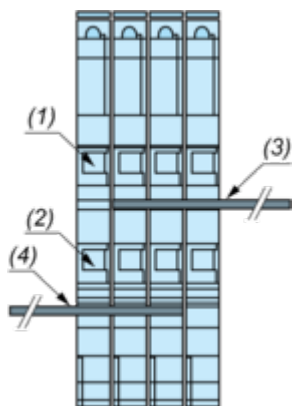30,6 / 1.21

51,5 / 2.03

6,2 / 0.24

78,7 / 3.1

96 / 3.78

6,2 / 0.24

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Connections and Schema

Wiring Diagram

(1) Protection circuit

Example of RSLZ2 Bus Jumper Mounting on Sockets
Side View

(1) A1
(2) A2
(3) Bus jumper polarity A1
(4) Bus jumper polarity A2

Technical illustration

Dimensions