

# Product datasheet

Specifications



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

RSLZVA1

### Main

Range of product	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 mm <sup>2</sup> (AWG 24...AWG 14) flexible with cable end Connector, 1 x 0.2...1 x 2.5 mm <sup>2</sup> (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
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<b>Standards</b>	IEC 61984 UL 508
<b>Product certifications</b>	CSA GOST
<b>Marking</b>	CE
<b>Ambient air temperature for storage</b>	-40...85 °C
<b>Ambient air temperature for operation</b>	-40...70 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	8.500 cm
<b>Package 1 Width</b>	7.200 cm
<b>Package 1 Length</b>	5.400 cm
<b>Package 1 Weight</b>	23.000 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	10
<b>Package 2 Height</b>	8.500 cm
<b>Package 2 Width</b>	7.200 cm
<b>Package 2 Length</b>	10.800 cm
<b>Package 2 Weight</b>	259.000 g
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	300
<b>Package 3 Height</b>	30.000 cm
<b>Package 3 Width</b>	30.000 cm
<b>Package 3 Length</b>	40.000 cm
<b>Package 3 Weight</b>	8.395 kg

## Contractual warranty

<b>Warranty (in months)</b>	18
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

Total lifecycle Carbon footprint	0.7 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.7 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



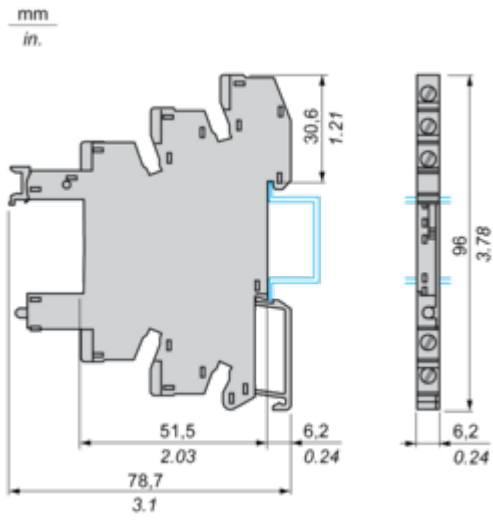
### Repack and remanufacture

End of life manual availability	No need of specific recycling operations
Take-back	No

Dimensions Drawings

Dimensions

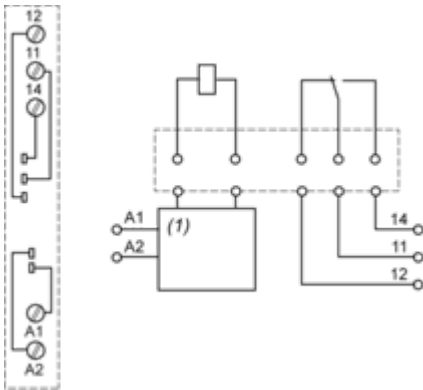
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Connections and Schema

Wiring Diagram

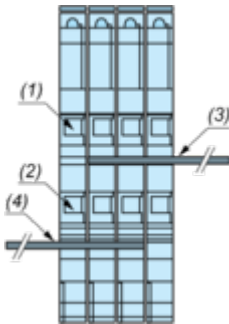
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(1) Protection circuit

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

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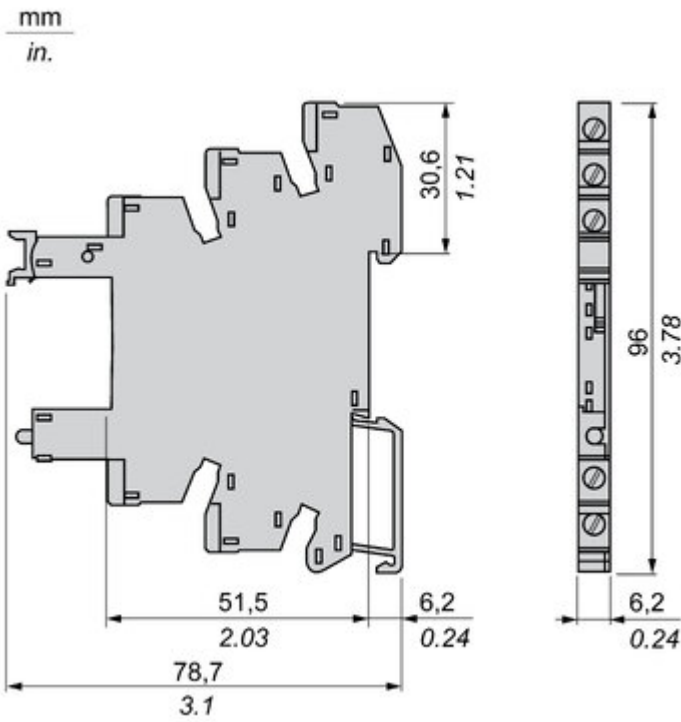


Image of product / Alternate images

Alternative

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