Product data sheet

Specifications



socket equipped with LED and protection circuit, Harmony Electromechanical Relays, for RSL1 relays, srew connec to r, 12 to 24V AC DC

RSLZVA1

Product availability: Stock - Normally stocked in distribution facility

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 1 C/O 12 V DC Plug-in relay RSL 1 C/O 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 24 AWG...14 AWG) flexible with cable end Connector, 1 x 0.2...1 x 2.5 mm² 24 AWG...14 AWG) solid without cable end
Compatibility code	RSLZ
Tightening torque	< 0.4 N.m M2.5
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	0.2 in (6.2 mm)
CAD overall height	3.09 in (78.6 mm)
CAD overall depth	3.7 in (95 mm)
Net Weight	0.051 lb(US) (0.023 kg)

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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…185 °F (-40…85 °C)
Ambient Air Temperature for Operation	-40…158 °F (-40…70 °C)

Ordering and shipping details

Category	US10CP221127
Discount Schedule	0CP2
GTIN	3606480078026
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.346 in (8.500 cm)
Package 1 Width	2.835 in (7.200 cm)
Package 1 Length	2.126 in (5.400 cm)
Package weight(Lbs)	0.811 oz (23.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	3.346 in (8.500 cm)
Package 2 Width	2.835 in (7.200 cm)
Package 2 Length	4.252 in (10.800 cm)
Package 2 Weight	9.136 oz (259.000 g)
Unit Type of Package 3	S03
Number of Units in Package 3	300
Package 3 Height	11.811 in (30.000 cm)
Package 3 Width	11.811 in (30.000 cm)
Package 3 Length	15.748 in (40.000 cm)
Package 3 Weight	18.508 lb(US) (8.395 kg)

Contractual warranty

Warranty (in months)	18

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	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Compliant**
REACh Regulation	**Free of Substances of Very High Concern above the threshold**
California proposition 65	**WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**

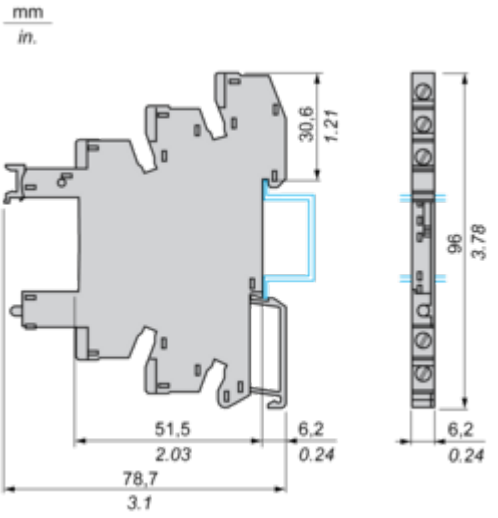
Use Again

Repack and remanufacture

Recyclability potential, in %	**70**
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**

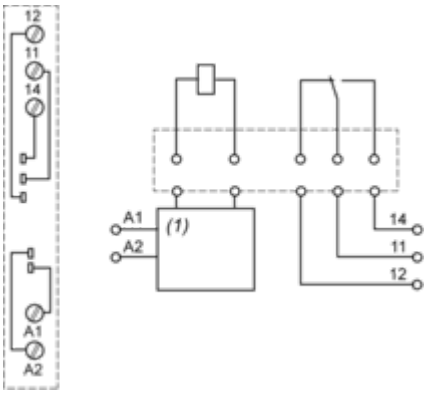
Dimensions Drawings

Dimensions



Connections and Schema

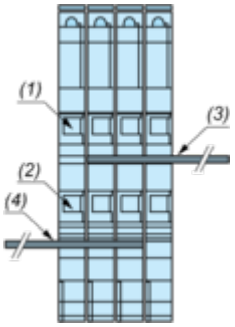
Wiring Diagram



(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

Image of product / Alternate images

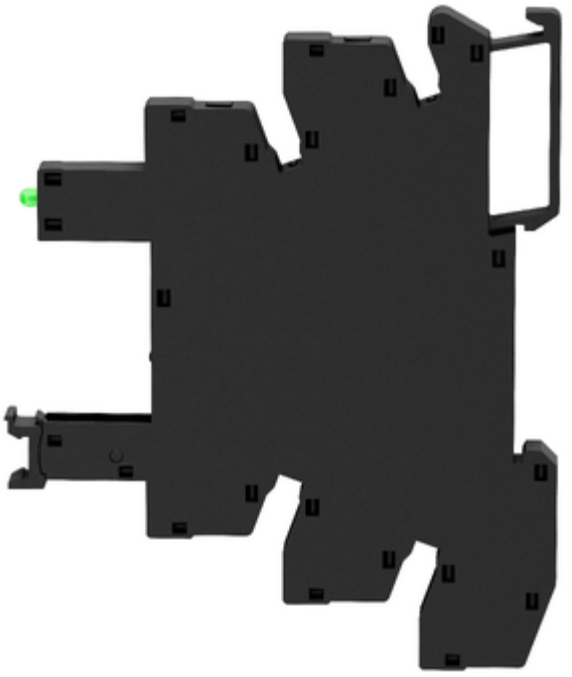
Alternative

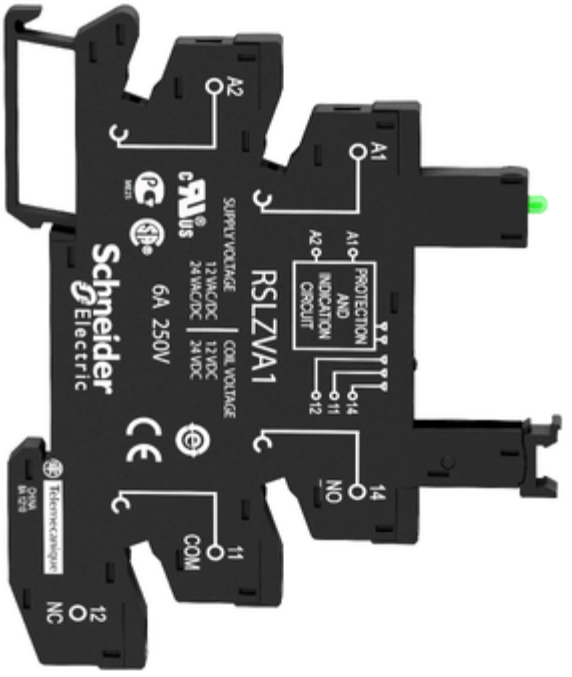







A2
A1
11
12




A2
A1
RSLZVA1
PROTECTION AND INDICATION CIRCUIT
A1
A2
14
11
12
SUPPLY VOLTAGE
12 VAC/DC
24 VAC/DC
COIL VOLTAGE
12 VDC
24 VDC
6A 250V
Schneider Electric
NO
14
COM
11
NC
12