

Product data sheet

Specifications



socket equipped with LED and protection circuit, Harmony Electromechanical Relays, for RSL1 relays, screw connection, 48 to 60V AC DC

RSLZVA2

Product availability: Non-Stock - Not 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 48 V DC Plug-in relay RSL 1 C/O 60 V DC
Contacts type and composition	1 C/O
[I _{th}] conventional free air thermal current	6 A
Switching voltage	48 V AC/DC 60 V AC/DC
Rated operational voltage limits	43.2...57.6 V 54...72 V
[U _e] rated operational voltage	< 300 V AC

Complementary

Group of product	RSL_CON_48-60
Shape of pin	Flat
Contact terminal arrangement	Separate
Connections - terminals	Connector, 1 x 0.2...1 x 2.5 mm ² AWG 24...AWG 14) flexible with cable end Connector, 1 x 0.2...1 x 2.5 mm ² AWG 24...AWG 14) 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)
[U _{imp}] 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.

Environment

IP degree of protection	IP20 conforming to IEC 60529
Standards	UL 508 IEC 61984
Product Certifications	GOST CSA
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	3606480078033
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	0.3 in (0.7 cm)
Package 1 Width	3.1 in (8 cm)
Package 1 Length	4.02 in (10.2 cm)
Package weight(Lbs)	1.0 oz (27 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	2.8 in (7.2 cm)
Package 2 Width	3.3 in (8.5 cm)
Package 2 Length	4.09 in (10.4 cm)
Package 2 Weight	9.7 oz (274 g)
Unit Type of Package 3	S03
Number of Units in Package 3	300
Package 3 Height	11.8 in (30 cm)
Package 3 Width	11.8 in (30 cm)
Package 3 Length	15.7 in (40 cm)
Package 3 Weight	19.392 lb(US) (8.796 kg)

Contractual warranty

Warranty (in months)	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	0.9 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.8 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.

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 Longer



Lifetime extension

Repair	No
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Use Again

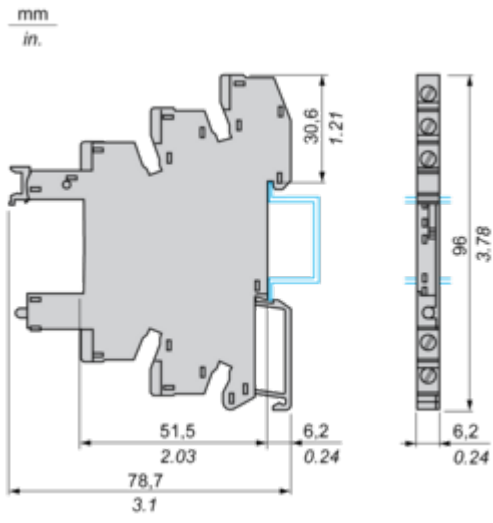


Repack and remanufacture

Take-back	No
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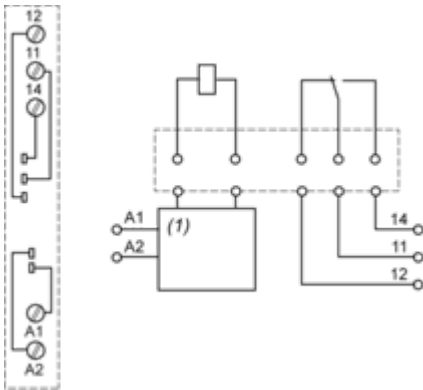
Dimensions Drawings

Dimensions



Connections and Schema

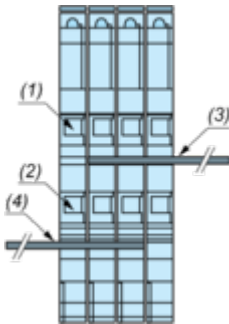
Wiring Diagram



(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

Technical Illustration

Dimensions

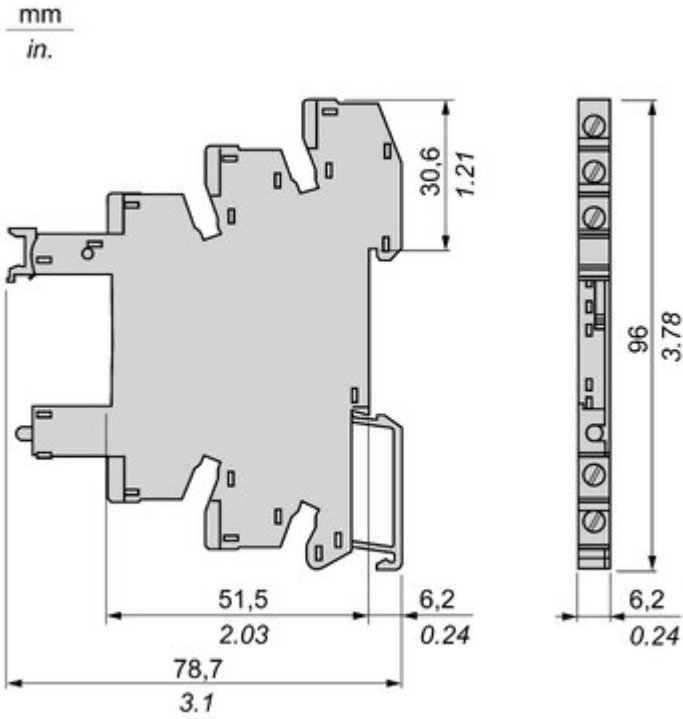


Image of product / Alternate images

Alternative

