

Product data sheet

Specifications



socket ,Harmony Electromechanical Relays, for RSL1 relays, spring terminals, 48...60V AC DC

RSLZRA2

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 48 V DC Plug-in relay RSL with 1 C/O contact at 60 V DC |
| Contacts type and composition | 1 C/O |
| [Ith] conventional free air thermal current | 6 A |
| Switching voltage | 48 V AC/DC 60 V AC/DC |
| Rated operational voltage limits | 54...72 V 43.2...57.6 V |
| [Ue] rated operational voltage | < 300 V AC |

Complementary

| | |
|--|--|
| Group of product | RSL_SPRING_TERS_48-60 |
| Shape of pin | Flat |
| Contact terminal arrangement | Separate |
| Connections - terminals | Spring terminals, 1 x 0.2...1 x 1.5 mm² (AWG 24...AWG 16) flexible with cable end Spring terminals, 1 x 0.2...1 x 1.5 mm² (AWG 24...AWG 16) solid without cable end |
| Compatibility code | RSLZ |
| Clamping force | 10...40 N |
| 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 | 101 mm |
| Product weight | 0.023 kg |

Environment

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

| | |
|---------------------------------------|------------------------------|
| 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 | 0.7 cm |
| Package 1 Width | 8 cm |
| Package 1 Length | 10.2 cm |
| Package 1 Weight | 26 g |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 7.1 cm |
| Package 2 Width | 8.5 cm |
| Package 2 Length | 10.8 cm |
| Package 2 Weight | 263 g |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 300 |
| Package 3 Height | 30 cm |
| Package 3 Width | 30 cm |
| Package 3 Length | 40 cm |
| Package 3 Weight | 8.436 kg |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

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 | 1 |

Use Better

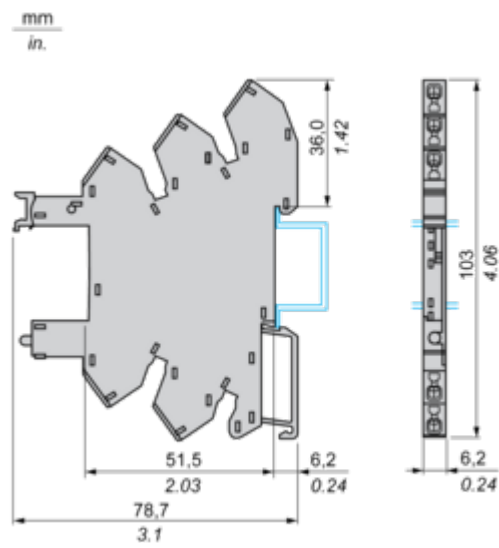
|  Materials and Substances | |
|--|--|
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| REACH Regulation | REACH Declaration |
| California proposition 65 | WARNING: This 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 | |
|--|----|
| Take-back | No |

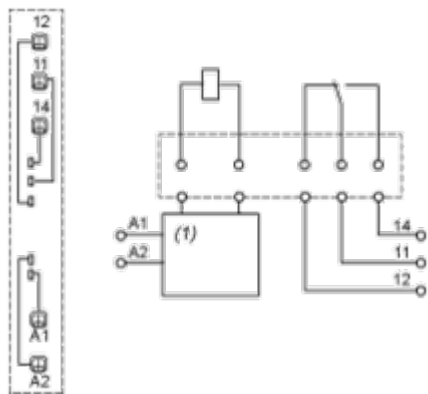
Dimensions Drawings

Dimensions



Connections and Schema

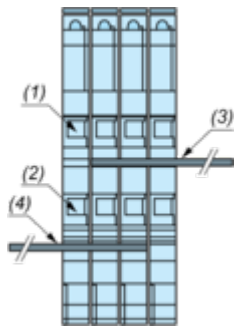
Wiring Diagram



(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

Technical Illustration

Dimensions

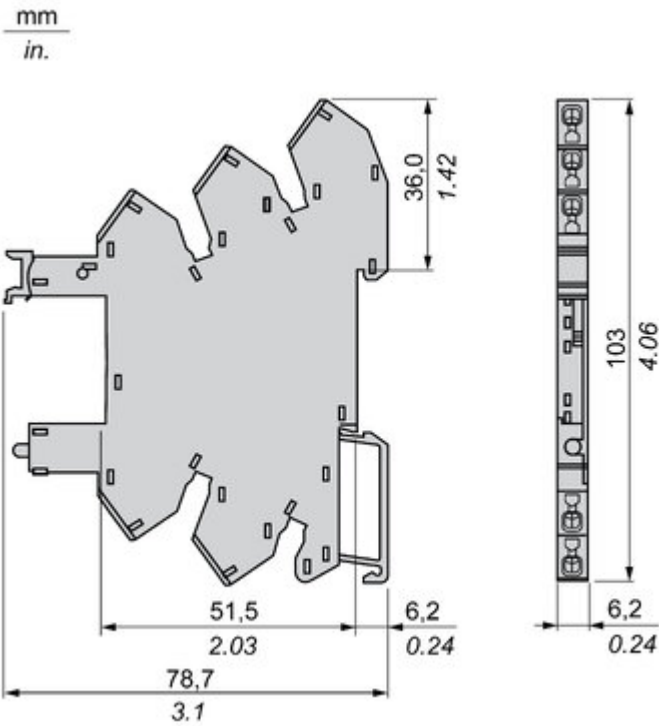


Image of product / Alternate images

Alternative





