

# Product data sheet

Specifications



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

RSLZRA2

**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<br>Plug-in relay RSL 1 C/O 60 V DC |
| Contacts type and composition               | 1 C/O  |
| [Ith] conventional free air thermal current | 6 A  |
| Switching voltage                           | 48 V AC/DC<br>60 V AC/DC   |
| Rated operational voltage limits            | 54...72 V<br>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 mm <sup>2</sup> AWG 24...AWG 16) flexible with cable end<br>Spring terminals, 1 x 0.2...1 x 1.5 mm <sup>2</sup> 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                      | 0.2 in (6.2 mm)  |
| CAD overall height                     | 3.09 in (78.6 mm)  |
| CAD overall depth                      | 4.0 in (101 mm)  |
| Net Weight                             | 0.051 lb(US) (0.023 kg)  |

## Environment

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

|  |                              |
|--|------------------------------|
| <b>IP degree of protection</b>               | IP20 conforming to IEC 60529 |
| <b>Standards</b>                             | IEC 61984<br>UL 508          |
| <b>Product Certifications</b>                | CSA<br>GOST                  |
| <b>Marking</b>                               | CE                           |
| <b>Ambient Air Temperature for Storage</b>   | -40...185 °F (-40...85 °C)   |
| <b>Ambient Air Temperature for Operation</b> | -40...158 °F (-40...70 °C)   |

## Ordering and shipping details

|                          |               |
|--------------------------|---------------|
| <b>Category</b>          | US10CP221127  |
| <b>Discount Schedule</b> | 0CP2          |
| <b>GTIN</b>              | 3606480078088 |
| <b>Returnability</b>     | No            |
| <b>Country of origin</b> | CN            |

## Packing Units

|                                     |                          |
|-------------------------------------|--------------------------|
| <b>Unit Type of Package 1</b>       | PCE                      |
| <b>Nbr. of units in pkg.</b>        | 1                        |
| <b>Package 1 Height</b>             | 0.3 in (0.7 cm)          |
| <b>Package 1 Width</b>              | 3.1 in (8 cm)            |
| <b>Package 1 Length</b>             | 4.02 in (10.2 cm)        |
| <b>Package weight(Lbs)</b>          | 0.9 oz (26 g)            |
| <b>Unit Type of Package 2</b>       | BB1                      |
| <b>Number of Units in Package 2</b> | 10                       |
| <b>Package 2 Height</b>             | 2.8 in (7.1 cm)          |
| <b>Package 2 Width</b>              | 3.3 in (8.5 cm)          |
| <b>Package 2 Length</b>             | 4.3 in (10.8 cm)         |
| <b>Package 2 Weight</b>             | 9.3 oz (263 g)           |
| <b>Unit Type of Package 3</b>       | S03                      |
| <b>Number of Units in Package 3</b> | 300                      |
| <b>Package 3 Height</b>             | 11.8 in (30 cm)          |
| <b>Package 3 Width</b>              | 11.8 in (30 cm)          |
| <b>Package 3 Length</b>             | 15.7 in (40 cm)          |
| <b>Package 3 Weight</b>             | 18.598 lb(US) (8.436 kg) |

## Contractual warranty

|                             |    |
|-----------------------------|----|
| <b>Warranty (in months)</b> | 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                       | 0.3 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.3 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                      | <a href="#">Compliant</a>   |
| REACH Regulation                       | <a href="#">Free of Substances of Very High Concern above the threshold</a>   |
| California proposition 65              | <b>WARNING:</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



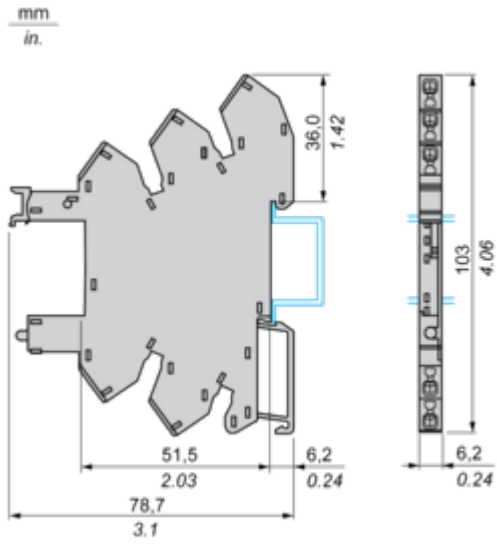
### Repack and remanufacture

|           |    |
|-----------|----|
| Take-back | No |
|-----------|----|

Dimensions Drawings

Dimensions

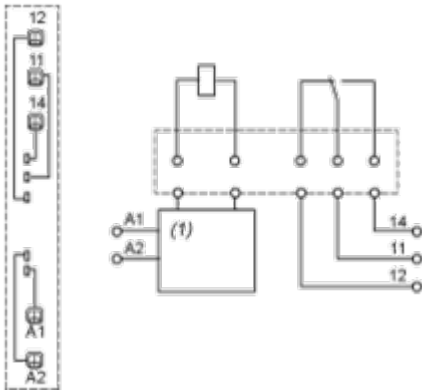
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Connections and Schema

Wiring Diagram

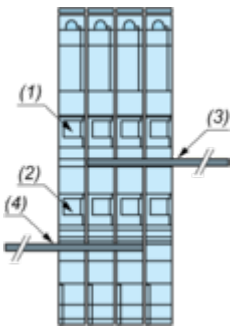
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(1) Protection circuit

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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mm  
in.

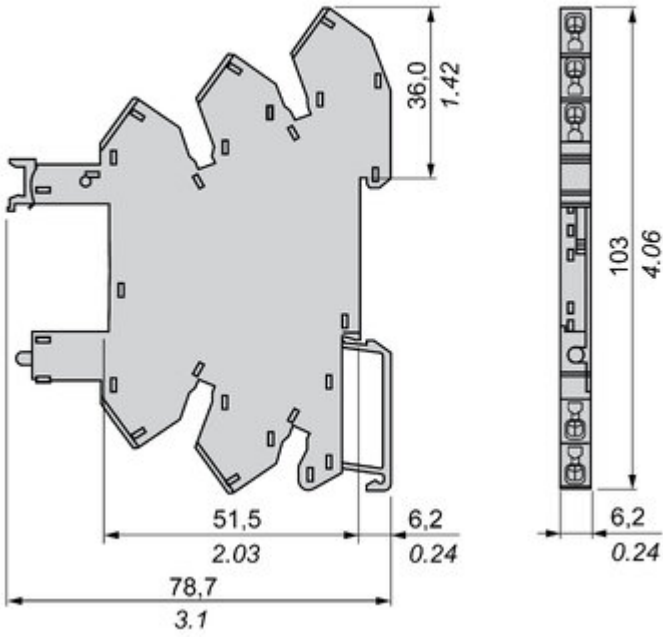


Image of product / Alternate images

Alternative

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