# Product datasheet

Specifications



## Socket, separate contact, 10 A, relay type RSB, screw connector, 250 V AC

Local distributor code:

389535555 RSZE1S48M

**EAN Code: 3389110260083**

## Main

| | |
|---|---|
| **Range of product** | Harmony Electromechanical Relays |
| **Device short name** | RSZ |
| **Product or component type** | Socket |
| **Product compatibility** | Plug-in relay RSB with 1 C/O contact at 16 A<br>Plug-in relay RSB with 2 C/O contact at 8 A |
| **Contacts type and composition** | 2 C/O |
| **[Ith] conventional free air thermal current** | 10 A |

## Complementary

| | |
|---|---|
| **Shape of pin** | Flat |
| **[Ue] rated operational voltage** | < 250 V AC |
| **Contact terminal arrangement** | Separate |
| **Connections - terminals** | Screw connectors, 1 x 0.34...1 x 2.5 mm² (22 AWG...14 AWG) flexible with cable end<br>Screw connectors, 2 x 0.34...2 x 1 mm² (22 AWG...17 AWG) flexible with cable end<br>Screw connectors, 1 x 0.5...1 x 2.5 mm² (20 AWG...14 AWG) solid without cable end<br>Screw connectors, 2 x 0.5...2 x 1.5 mm² (20 AWG...16 AWG) solid without cable end |
| **Tightening torque** | < 0.8 N.m for M3 screw(s) |
| **Fixing mode** | By screw (panel)<br>Clip-on (35 mm symmetrical DIN rail) |
| **[Uimp] rated impulse withstand voltage** | 3.6 kV |
| **Overvoltage category** | III |
| **Pollution degree** | 3 |
| **Sale per indivisible quantity** | 10 |
| **Width** | 15.5 mm |
| **Net weight** | 0.05 kg |

## Environment

| | |
|---|---|
| **IP degree of protection** | IP20 conforming to IEC 60529 |
| **Standards** | IEC 61984 |
| **Product certifications** | CSA<br>UL |
| **Marking** | CE |
| **Ambient air temperature for storage** | -40…85 °C |
| **Ambient air temperature for operation** | -25…85 °C |

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

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 1.700 cm |
| **Package 1 Width** | 6.200 cm |
| **Package 1 Length** | 8.000 cm |
| **Package 1 Weight** | 39.000 g |
| **Unit Type of Package 2** | BB1 |
| **Number of Units in Package 2** | 10 |
| **Package 2 Height** | 7.000 cm |
| **Package 2 Width** | 9.000 cm |
| **Package 2 Length** | 17.000 cm |
| **Package 2 Weight** | 428.000 g |
| **Unit Type of Package 3** | S03 |
| **Number of Units in Package 3** | 240 |
| **Package 3 Height** | 30.000 cm |
| **Package 3 Width** | 30.000 cm |
| **Package 3 Length** | 40.000 cm |
| **Package 3 Weight** | 10.575 kg |

## Logistical informations

| | |
|---|---|
| **Country of origin** | CN |

## 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 | **0.5 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **0.5 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** |

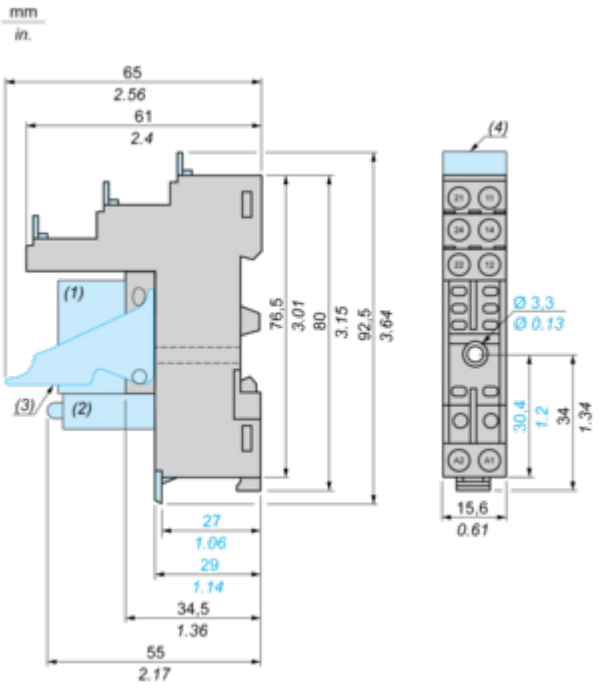
## Use Again

### Repack and remanufacture

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

Dimensions Drawings

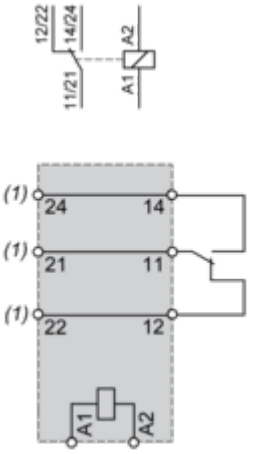
## Dimensions




**(1)** Relays
**(2)** Protection module
**(3)** Maintaining clamp
**(4)** Legend

Connections and Schema

**Wiring Diagram**

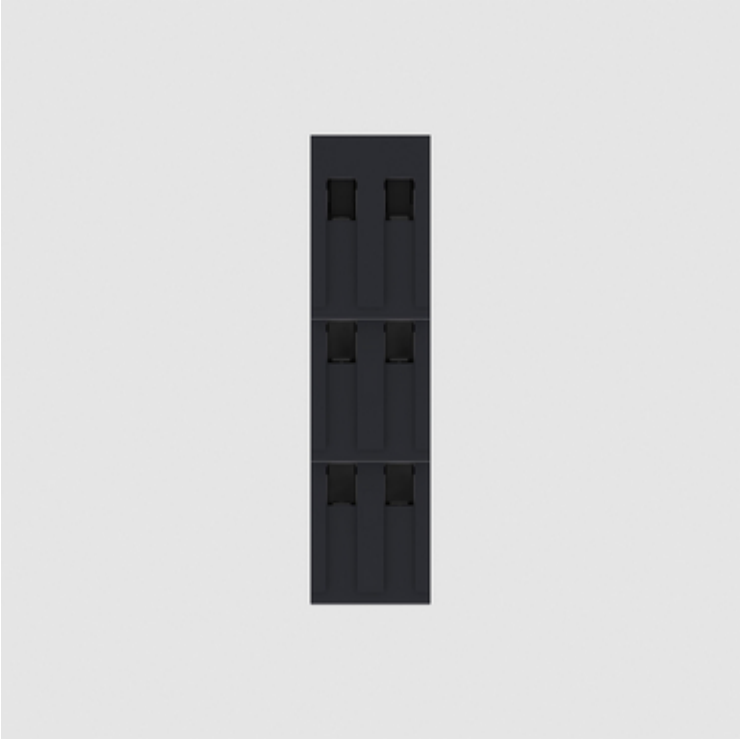



**(1)** Terminals 11 and 21,14 and 24,12 and 22 must be linked for this references

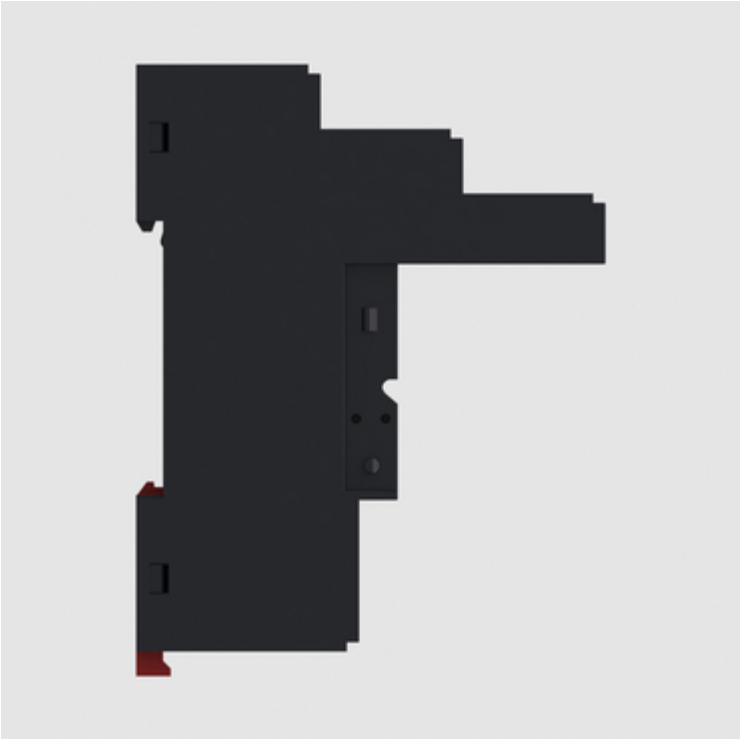
**NOTE:** For DC input, A1 have to be +, otherwise it would short circuit from protection module

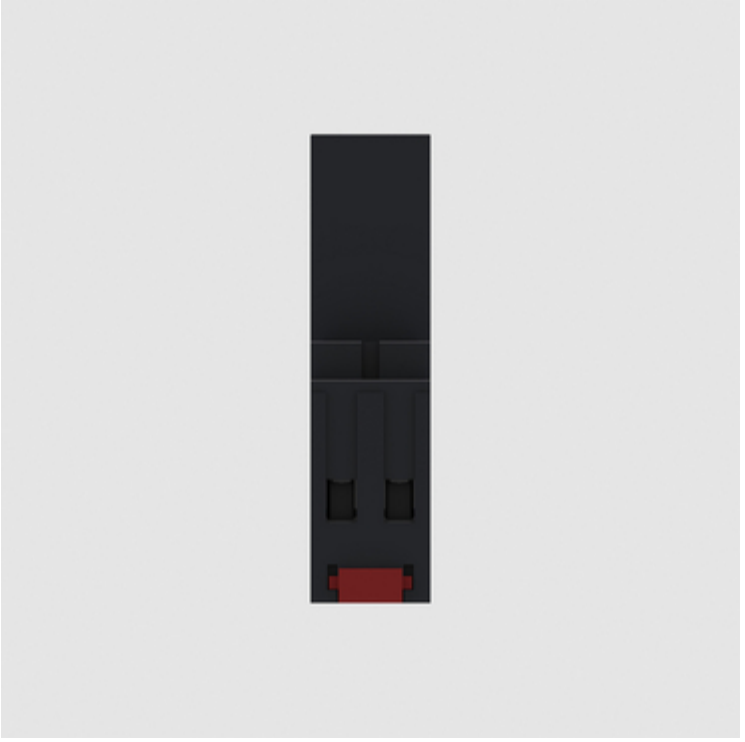
Image of product / Alternate images

**Alternative**

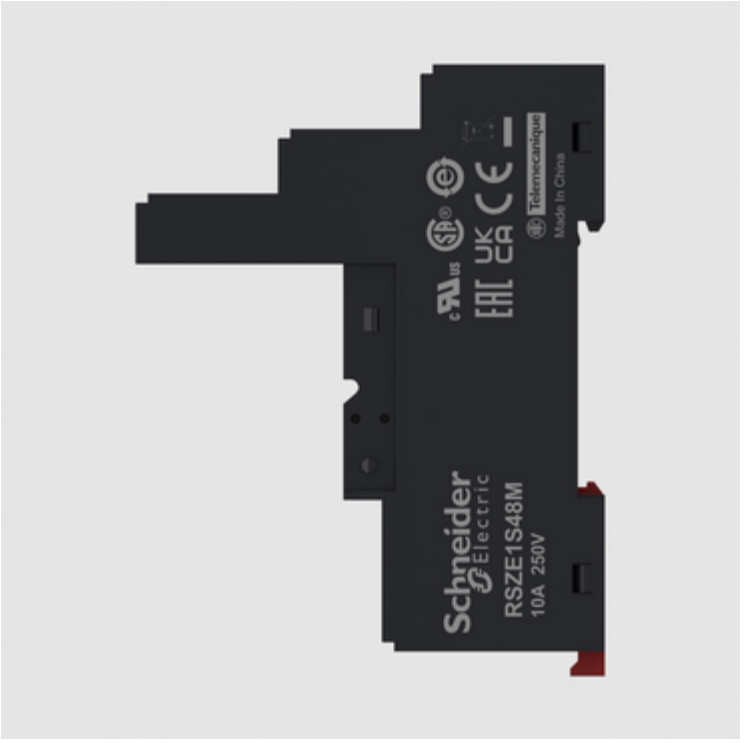








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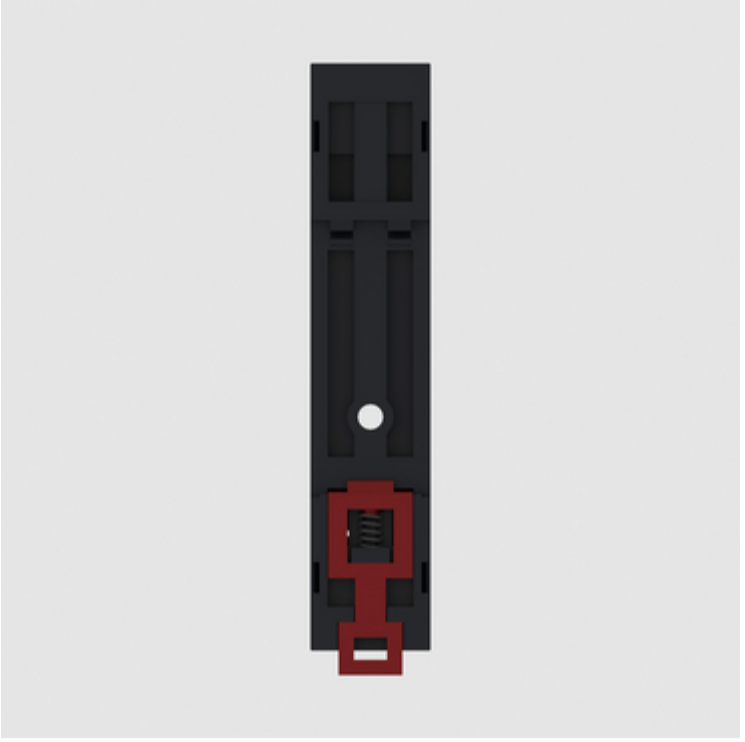



Image of product in real life situation

