

# Product datasheet

Specifications



## Socket, separate contact, 10 A, relay type RXM3, screw connector, 250 V AC

RXZE2S111M

### Main

|                               |                                      |
|-------------------------------|--------------------------------------|
| Range of product              | Harmony Electromechanical Relays     |
| Product or component type     | Socket                               |
| Contact terminal arrangement  | Separate                             |
| Product compatibility         | Plug-in relay RXM with 3 C/O contact |
| Shape of pin                  | Flat                                 |
| Device short name             | RXZ                                  |
| Sale per indivisible quantity | 10                                   |

### Complementary

|  |  |
|--|--|
| [I <sub>th</sub> ] conventional free air thermal current | 10 A   |
| [U <sub>e</sub> ] rated operational voltage              | < 250 V  |
| Connections - terminals                                  | Connector, 1 x 0.25...1 x 2.5 mm <sup>2</sup> (AWG 22...AWG 14) flexible with cable end<br>Connector, 2 x 0.25...2 x 1 mm <sup>2</sup> (AWG 22...AWG 17) flexible with cable end<br>Connector, 1 x 0.5...1 x 2.5 mm <sup>2</sup> (AWG 20...AWG 14) solid without cable end<br>Connector, 2 x 0.5...2 x 1.5 mm <sup>2</sup> (AWG 20...AWG 16) solid without cable end |
| Tightening torque  | < 1 N.m for M3 screw(s)  |
| Fixing mode  | By screw (panel)<br>Clip-on (35 mm symmetrical DIN rail)   |
| Marking  | CE   |
| Width  | 27 mm  |
| Net weight   | 0.066 kg   |

### Environment

|   |                      |
|---|----------------------|
| [U <sub>imp</sub> ] rated impulse withstand voltage | 4 kV                 |
| Overvoltage category                                | III                  |
| Pollution degree                                    | 3                    |
| Standards   | IEC 61984            |
| Product certifications                              | UL<br>Lloyd's<br>CSA |
| Ambient air temperature for storage                 | -40...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

|                                       |                                 |
|---------------------------------------|---------------------------------|
| Ambient air temperature for operation | -40...55 °C                     |
| IP degree of protection               | IP20 conforming to EN/IEC 60529 |
| Dielectric strength                   | 2500 V                          |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 2.7 cm  |
| Package 1 Width              | 6.1 cm  |
| Package 1 Length             | 8.2 cm  |
| Package 1 Weight             | 61 g    |
| Unit Type of Package 2       | BB1     |
| Number of Units in Package 2 | 10      |
| Package 2 Height             | 11.6 cm |
| Package 2 Width              | 6.8 cm  |
| Package 2 Length             | 14 cm   |
| Package 2 Weight             | 624 g   |
| Unit Type of Package 3       | S02     |
| Number of Units in Package 3 | 200     |
| Package 3 Height             | 15 cm   |
| Package 3 Width              | 30 cm   |
| Package 3 Length             | 40 cm   |
| Package 3 Weight             | 10.7 kg |

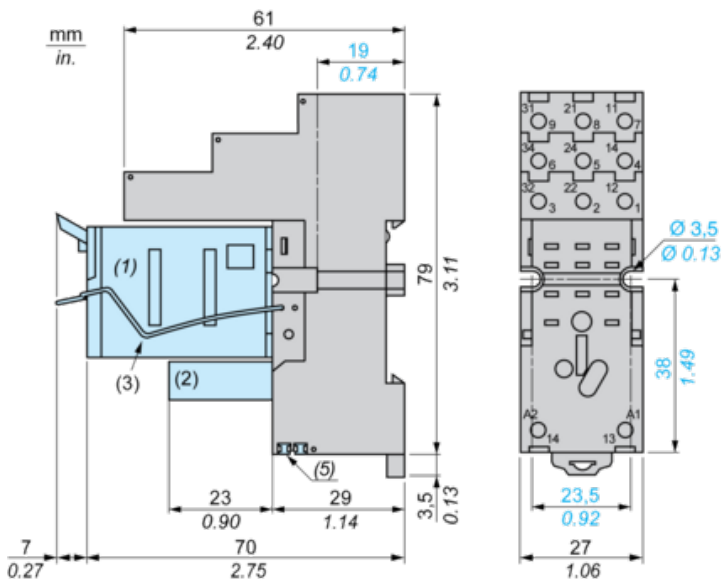
## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a>                           |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a>  |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## Contractual warranty

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

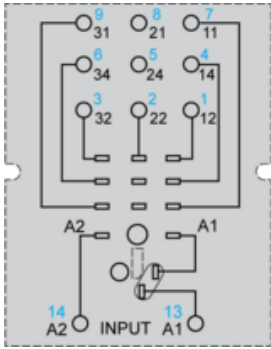
Dimensions



- (1) Relays
- (2) Protection module
- (3) Maintaining clamp
- (4) 2 elongated holes  $\varnothing 3.5$  mm x 6.5 mm /  $\varnothing 0.13$  in. x 0.25 in.
- (5) 2 bus jumpers

**Wiring Diagram**

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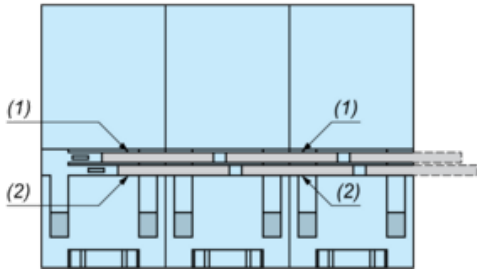


Symbols shown in blue correspond to Nema marking.

**Bus Jumpers Mounting on Sockets with Separate Contacts**

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Example of RXZS2 bus jumper mounting on sockets (view from below)



- (1) 2 bus jumpers (polarity A2)
- (2) 2 bus jumpers (polarity A1)

**Recommended replacement(s)**