

# Product datasheet

Specifications



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

RSZE1S48M

## Main

Range of product	Harmony Electromechanical Relays
Product or component type	Socket
Contact terminal arrangement	Separate
Product compatibility	Plug-in relay RSB with 1 C/O contact Plug-in relay RSB with 2 C/O contact
Shape of pin	Flat
Device short name	RSZ
Sale per indivisible quantity	10

## Complementary

[Ith] conventional free air thermal current	10 A
[Ue] rated operational voltage	< 250 V AC
[Uimp] rated impulse withstand voltage	3.6 kV
Tightening torque	< 0.8 N.m for M3 screw(s)
Fixing mode	By screw (panel) Clip-on (35 mm symmetrical DIN rail)
Marking	CE
Width	15.5 mm
Net weight	0.05 kg

## Environment

Overvoltage category	III
Pollution degree	3
Connections - terminals	Screw connectors, 1 x 0.25...1 x 2.5 mm <sup>2</sup> (AWG 22...AWG 14) flexible with cable end Screw connectors, 2 x 0.25...2 x 1 mm <sup>2</sup> (AWG 22...AWG 17) flexible with cable end Screw connectors, 1 x 0.5...1 x 2.5 mm <sup>2</sup> (AWG 20...AWG 14) solid without cable end Screw connectors, 2 x 0.5...2 x 1.5 mm <sup>2</sup> (AWG 20...AWG 16) solid without cable end
Standards	IEC 61984
Product certifications	CSA UL
Ambient air temperature for storage	-40...85 °C

Ambient air temperature for operation	-25...85 °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	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

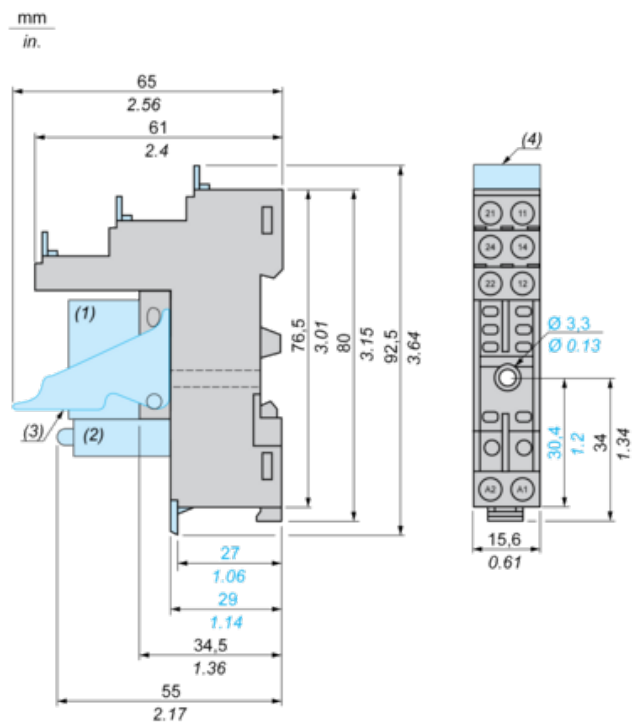
### Offer Sustainability

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) <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>
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

### Contractual warranty

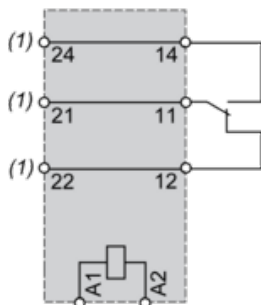
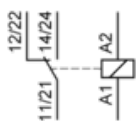
Warranty	18 months
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Dimensions



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

## 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

**Recommended replacement(s)**