

# Product datasheet

Specifications



Socket, separate contact, 5 A, relay type RXG2, screw connector, 250 V AC

RGZE1S48M

## Main

Range of product	Harmony Electromechanical Relays
Product or component type	Socket
Contact terminal arrangement	Separate

## Complementary

Product compatibility	Plug-in relay RXG with 2 C/O contact
[Ui] rated insulation voltage	250 V
[Uimp] rated impulse withstand voltage	6 kV between coil and contact with reinforced insulation 4 kV between contacts with basic insulation 4 kV between poles with basic insulation 4 kV between terminals and DIN rail with basic insulation
[In] rated current	5 A
[Ue] rated operational voltage	250 V conforming to IEC 300 V conforming to UL
Dielectric strength	5 kV between coil and contact with reinforced insulation 2.5 kV between contacts with basic insulation 3 kV between poles with basic insulation 3 kV between terminals and DIN rail with basic insulation
Connections - terminals	Screw terminals, 1 x 0.25...1 x 2.5 mm <sup>2</sup> (AWG 22...AWG 14) flexible with cable end Screw terminals, 2 x 0.25...2 x 1 mm <sup>2</sup> (AWG 22...AWG 17) flexible with cable end Screw terminals, 2 x 0.5...2 x 1.5 mm <sup>2</sup> (AWG 20...AWG 16) solid without cable end Screw terminals, 1 x 0.5...1 x 2.5 mm <sup>2</sup> (AWG 20...AWG 14) solid without cable end
Screw type	M3

## Environment

Ambient air temperature for storage	-40...85 °C
Ambient air temperature for operation	-40...70 °C
Relative humidity	10...85 %
Standards	CSA C22.2 No 14 IEC 61984 UL 508
Product certifications	EAC CE CSA UL DNV-GL
IP degree of protection	IP20

Overvoltage category	III
Pollution degree	3

### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	39.7 g
Package 1 Height	6.15 cm
Package 1 width	1.6 cm
Package 1 Length	8 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Weight	445.0 g
Package 2 Height	7.8 cm
Package 2 width	8.4 cm
Package 2 Length	16.3 cm
Unit Type of Package 3	P06
Number of Units in Package 3	1440
Package 3 Weight	73.3 kg
Package 3 Height	77 cm
Package 3 width	80 cm
Package 3 Length	60 cm

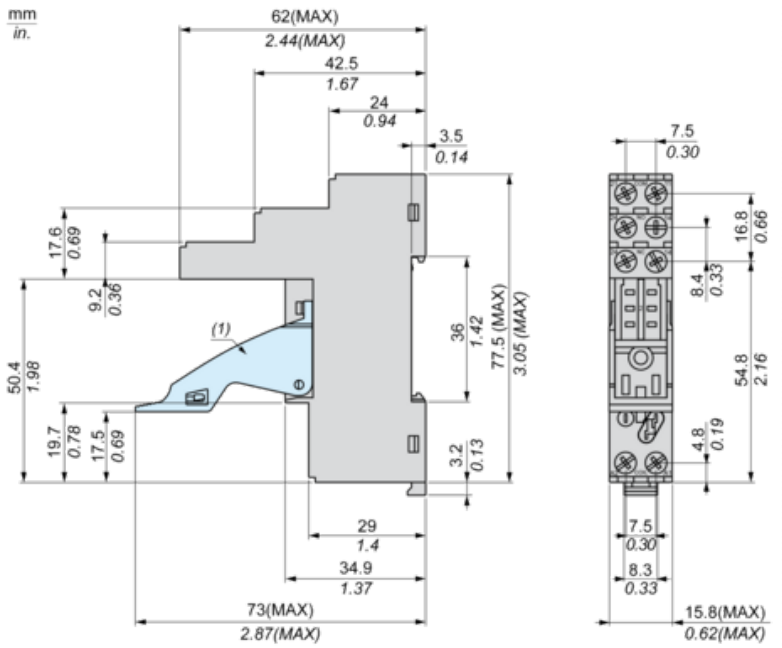
### Offer Sustainability

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
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</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
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Dimensions



(1) Maintaining clamp

Wiring Diagram

