

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
Product Compatibility	Plug-in relay RXG with 2 C/O contact
Contacts Type And Composition	2 C/O
[Ui] Rated Insulation Voltage	250 V

Complementary

[Uimp] Rated Impulse Withstand Voltage	6 kV between coil and contact with reinforced insulation 4 kV between poles with basic insulation 4 kV between terminals and DIN rail with basic insulation
[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 3 kV between poles with basic insulation 3 kV between terminals and DIN rail with basic insulation
Contact Terminal Arrangement	Separate
Connections - Terminals	Screw terminals, 1 x 0.34...1 x 2.5 mm ² (AWG 22...AWG 14) flexible with cable end Screw terminals, 2 x 0.34...2 x 1 mm ² (AWG 22...AWG 17) flexible with cable end Screw terminals, 2 x 0.5...2 x 1.5 mm ² (AWG 20...AWG 16) solid without cable end Screw terminals, 1 x 0.5...1 x 2.5 mm ² (AWG 20...AWG 14) solid without cable end
Screw Type	M3
Overvoltage Category	III
Pollution Degree	3

Environment

Standards	CSA C22.2 No 14 IEC 61984 UL 508
Product Certifications	EAC CE CSA UL DNV-GL
Ambient Air Temperature For Storage	-40...85 °C
Ambient Air Temperature For Operation	-40...70 °C
Ip Degree Of Protection	IP20
Relative Humidity	10...85 %

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	6.15 cm
Package 1 Width	1.6 cm
Package 1 Length	8 cm
Package 1 Weight	39.7 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	10
Package 2 Height	7.8 cm
Package 2 Width	8.4 cm
Package 2 Length	16.3 cm
Package 2 Weight	445 g
Unit Type Of Package 3	S03
Number Of Units In Package 3	180
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	8.648 kg

Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency RoHS/REACH

Well-being performance

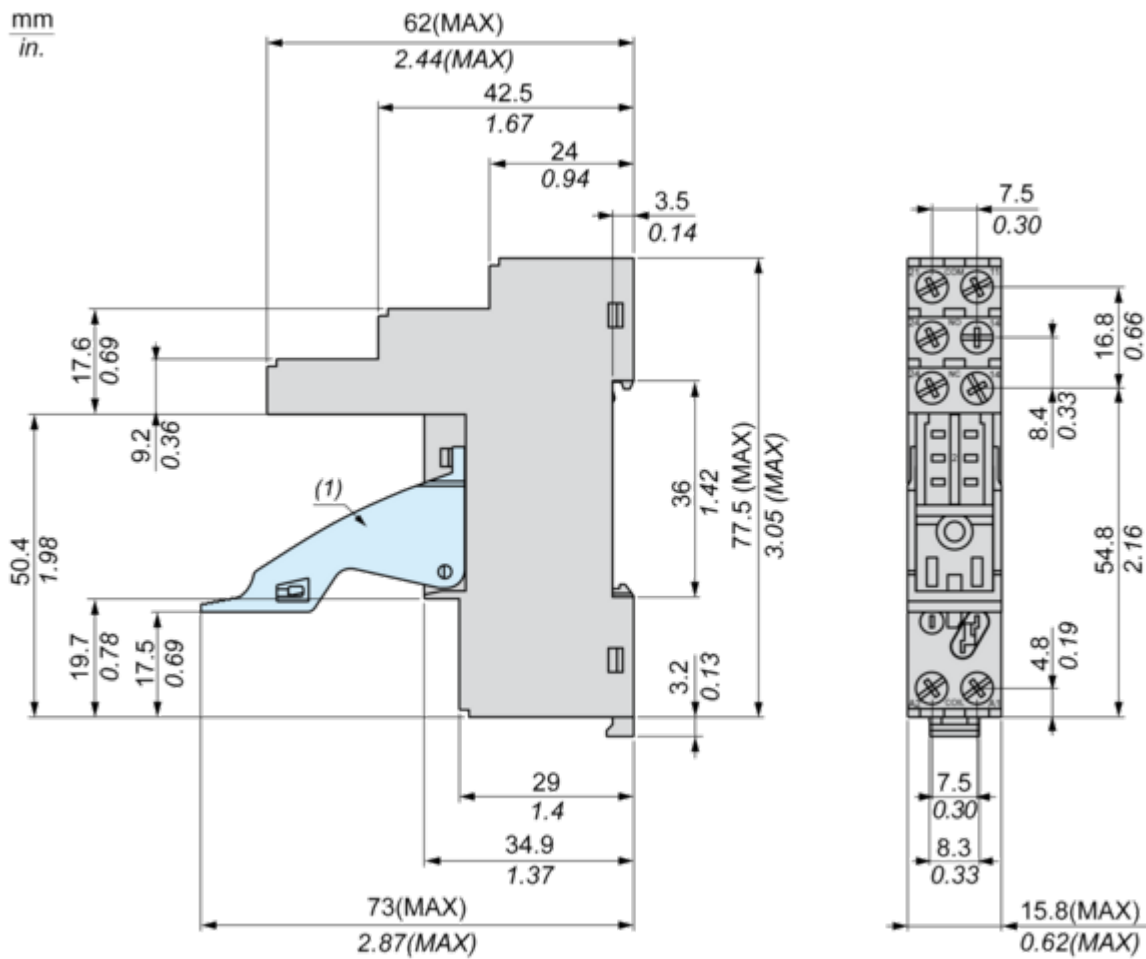
✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations

Dimensions Drawings

Dimensions



(1) Maintaining clamp

Connections and Schema

Wiring Diagram

