

Product datasheet

Specifications



socket RGZ - separate contact -5 A - 250 V - Screw connector

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
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
Wire stripping length	6...7 mm
Contact terminal arrangement	Separate
Screw type	M3
Overtoltage 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 %

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.600 cm
Package 1 Width	6.800 cm
Package 1 Length	7.900 cm
Package 1 Weight	40.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	8.500 cm
Package 2 Width	8.600 cm
Package 2 Length	16.500 cm
Package 2 Weight	444.000 g
Unit Type of Package 3	S03
Number of Units in Package 3	180
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	8.544 kg



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

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) 1

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](#) Pro-active compliance (Product out of EU RoHS legal scope)


REACH Regulation [REACH Declaration](#)

Use Again

Repack and remanufacture

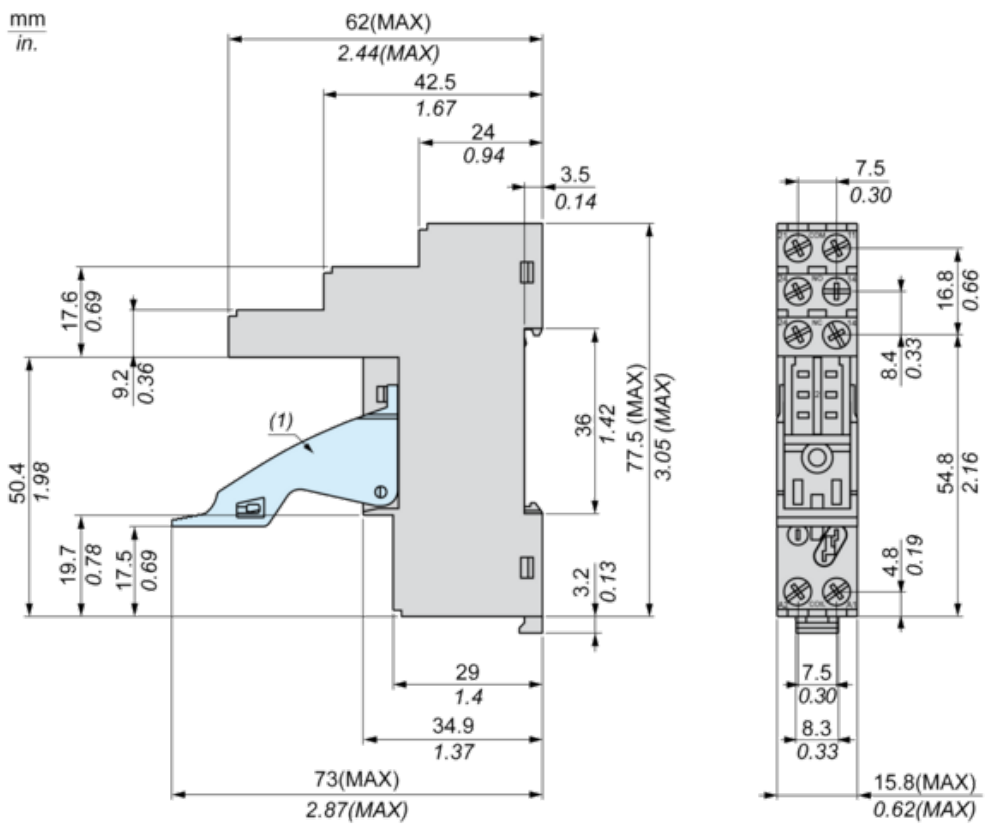
Circularity Profile No need of specific recycling operations

Take-back No

WEEE  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

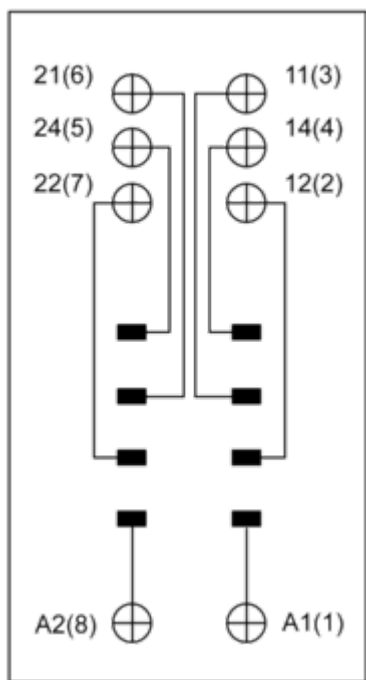
Dimensions



(1) Maintaining clamp

Connections and Schema

Wiring Diagram



Technical Illustration

Dimensions

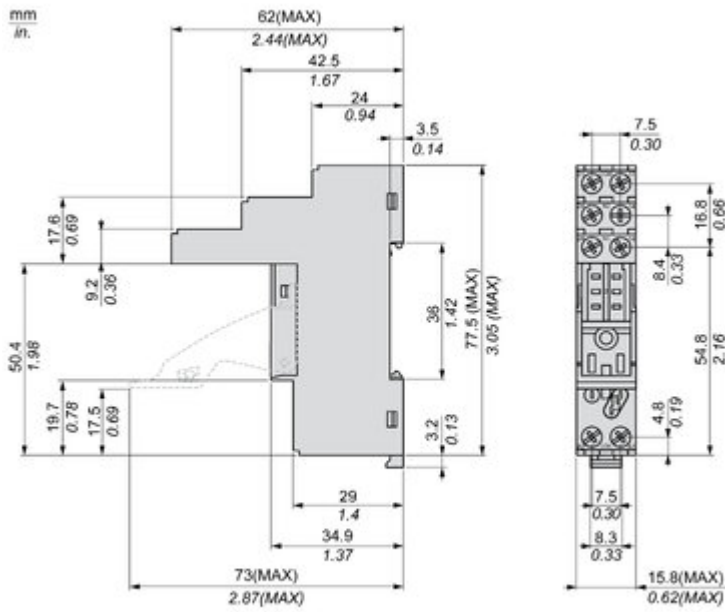


Image of product / Alternate images

Alternative





