Product datasheet

Specifications



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

RGZE1S48M

EAN Code: 3606480689444

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 mm² (22 AWG...14 AWG) flexible with cable end Screw terminals, 2 x 0.34...2 x 1 mm² (22 AWG...17 AWG) flexible with cable end Screw terminals, 2 x 0.5...2 x 1.5 mm² (20 AWG...16 AWG) solid without cable end Screw terminals, 1 x 0.5...1 x 2.5 mm² (20 AWG...14 AWG) solid without cable end
Fixing mode	Screw (panel) Clip-on (35 mm symmetrical DIN rail)
Wire stripping length	6…7 mm
Contact terminal arrangement	Separate
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

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

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

Logistical informations

Country of origin	CN

Contractual warranty

Warranty (in months)	18

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

Total lifecycle Carbon footprint	**0.4 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**0.3 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**0 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.1 kg CO2 eq.**
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	**Compliant**
REACh Regulation	**Free of Substances of Very High Concern above the threshold**

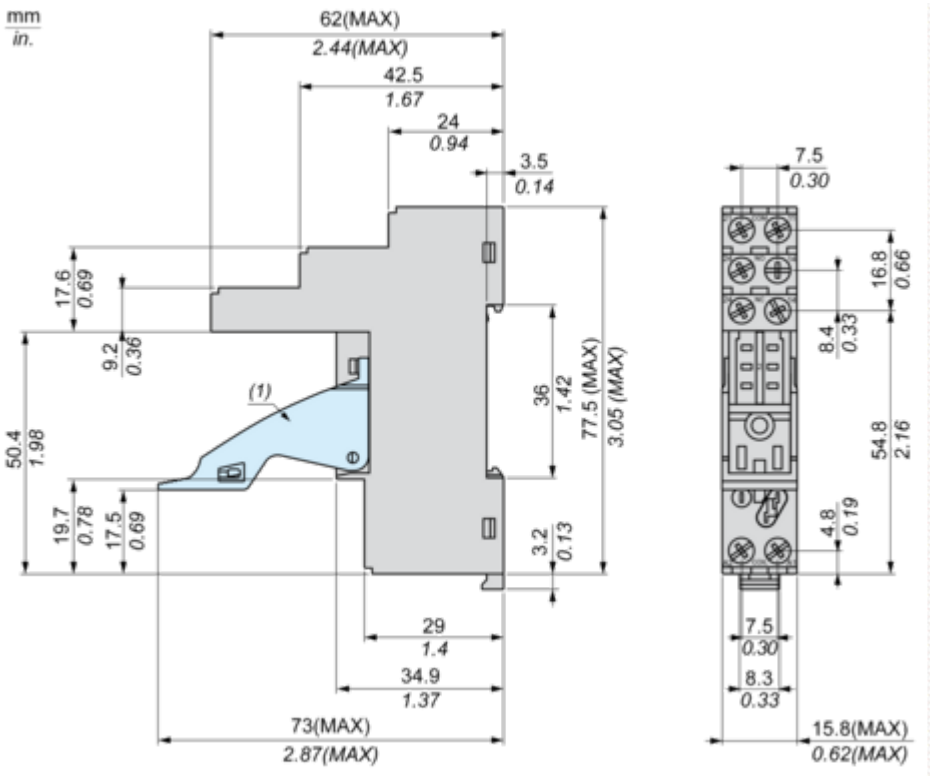
Use Again

Repack and remanufacture

Recyclability potential, in %	**98**
End of life manual availability	**No need of specific recycling operations**
Take-back	**No**

Dimensions Drawings

Dimensions



(1) Maintaining clamp

Connections and Schema

Wiring Diagram

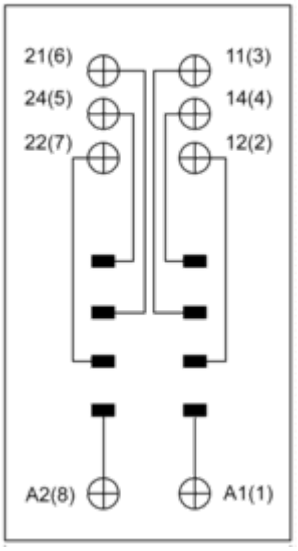
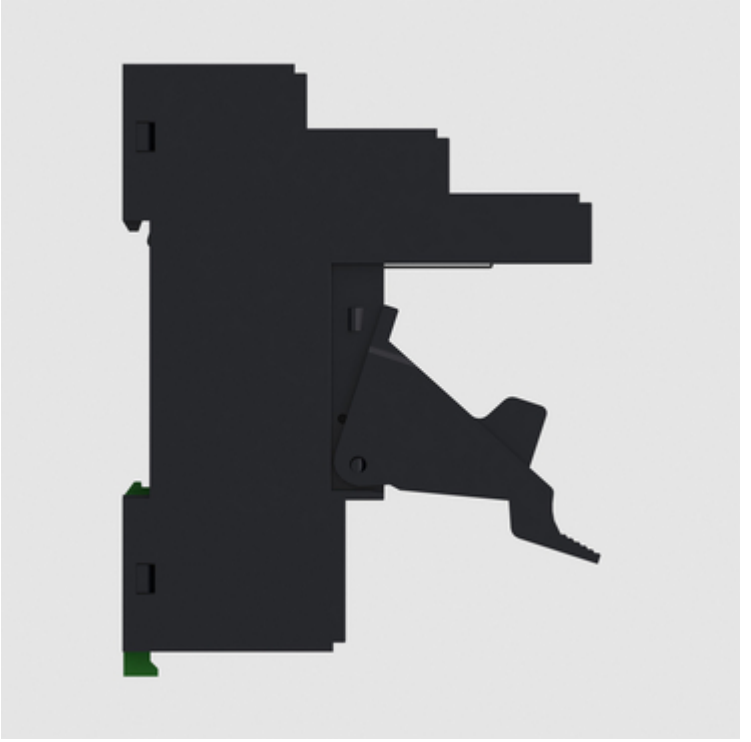
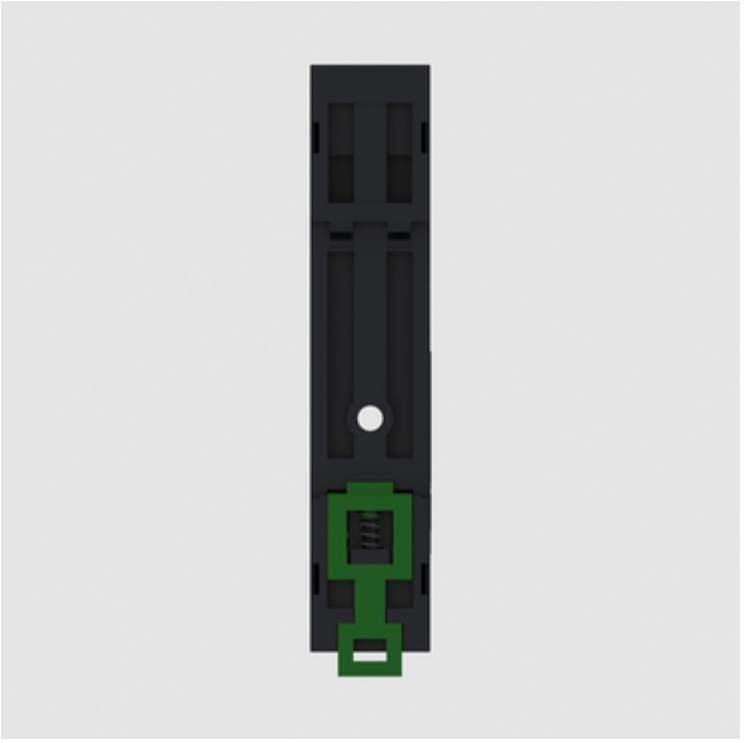


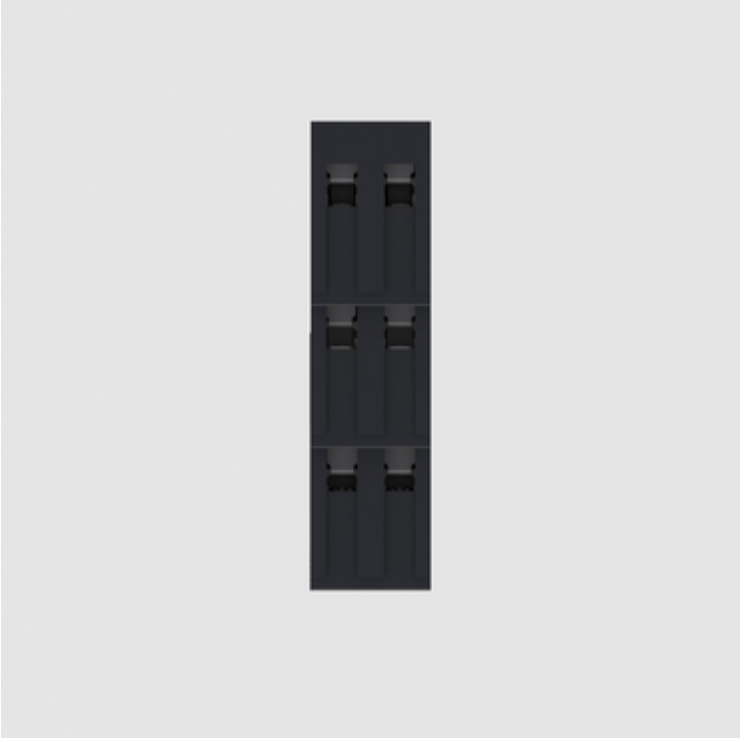
Image of product / Alternate images

Alternative

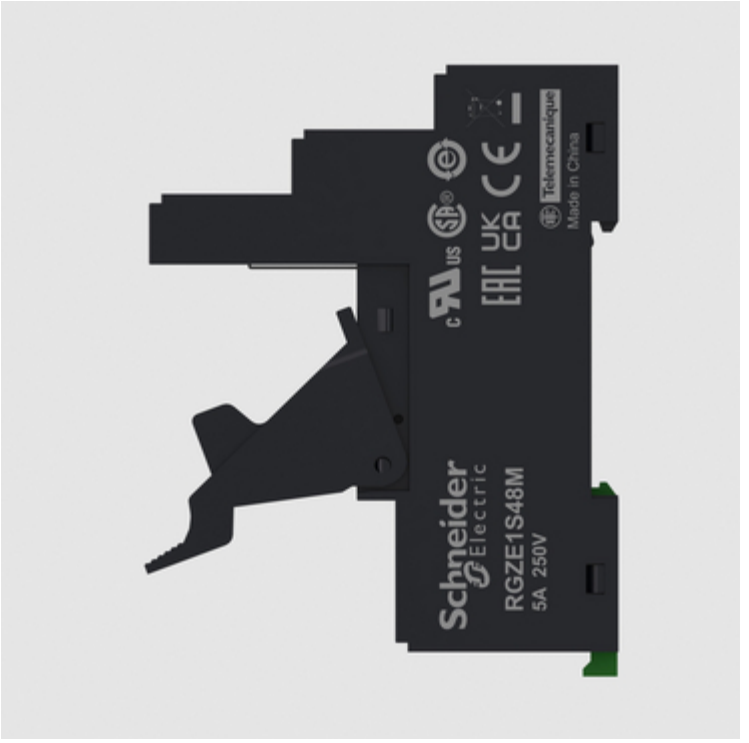








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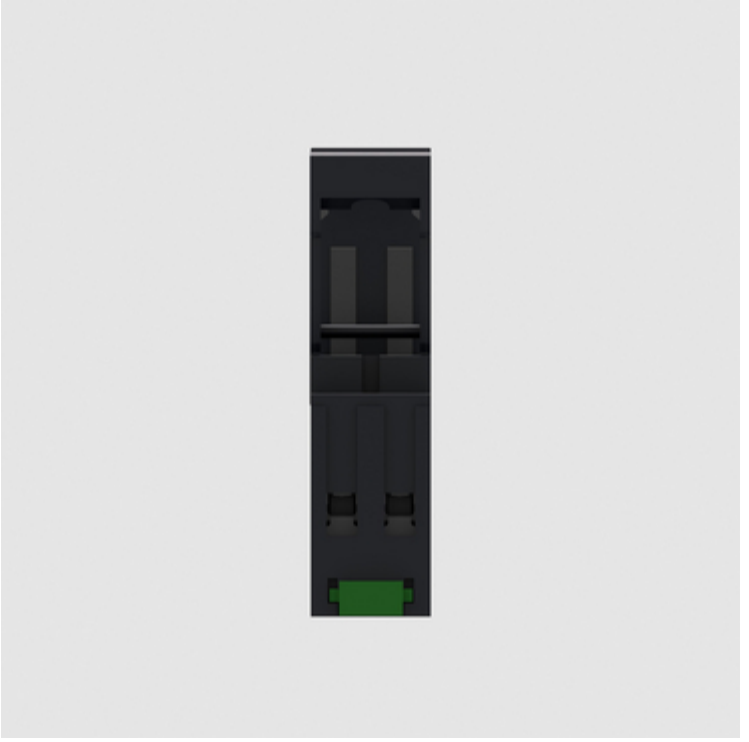


Image of product in real life situation

