Product data sheet

Specifications



socket with clamp, Harmony Electromechanical Relays, for RXG2 relays, 5A, screw connec to rs, separate contact

RGZE1S48M

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony Electromechanical Relays
Product or Component Type	Socket
Product compatibility	Plug-in relay RXG 2 C/O
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 IEC 300 V 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	0.2…0.3 in (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…185 °F (-40…85 °C)
Ambient Air Temperature for Operation	-40…158 °F (-40…70 °C)

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

IP Degree of Protection	IP20
Relative humidity	10…85 %

Ordering and shipping details

Category	US10CP221128
Discount Schedule	0CP2
GTIN	3606480689444
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	0.630 in (1.600 cm)
Package 1 Width	2.677 in (6.800 cm)
Package 1 Length	3.110 in (7.900 cm)
Package weight(Lbs)	1.411 oz (40.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	3.346 in (8.500 cm)
Package 2 Width	3.386 in (8.600 cm)
Package 2 Length	6.496 in (16.500 cm)
Package 2 Weight	15.661 oz (444.000 g)
Unit Type of Package 3	S03
Number of Units in Package 3	180
Package 3 Height	11.811 in (30.000 cm)
Package 3 Width	11.811 in (30.000 cm)
Package 3 Length	15.748 in (40.000 cm)
Package 3 Weight	18.836 lb(US) (8.544 kg)

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**
California proposition 65	**WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**

Use Longer

Lifetime extension

Repair	**No**

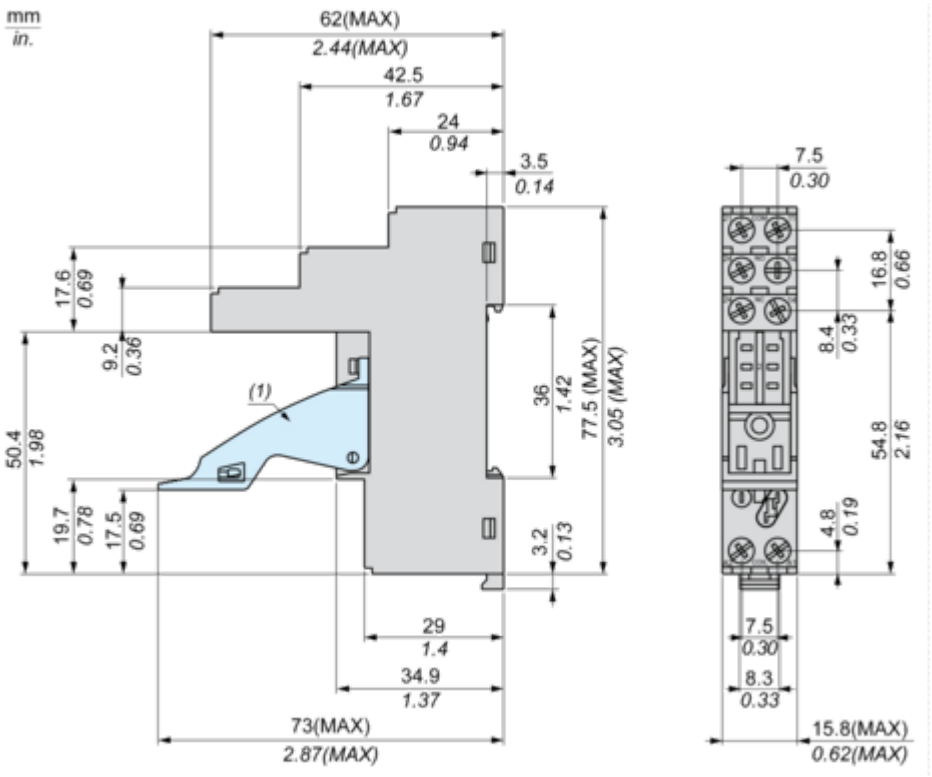
Use Again

Repack and remanufacture

Recyclability potential, in %	**98**
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**

Dimensions Drawings

Dimensions



(1) Maintaining clamp

Connections and Schema

Wiring Diagram

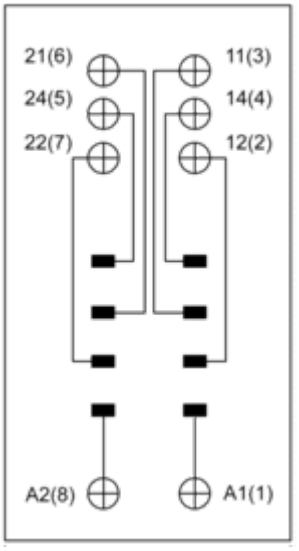
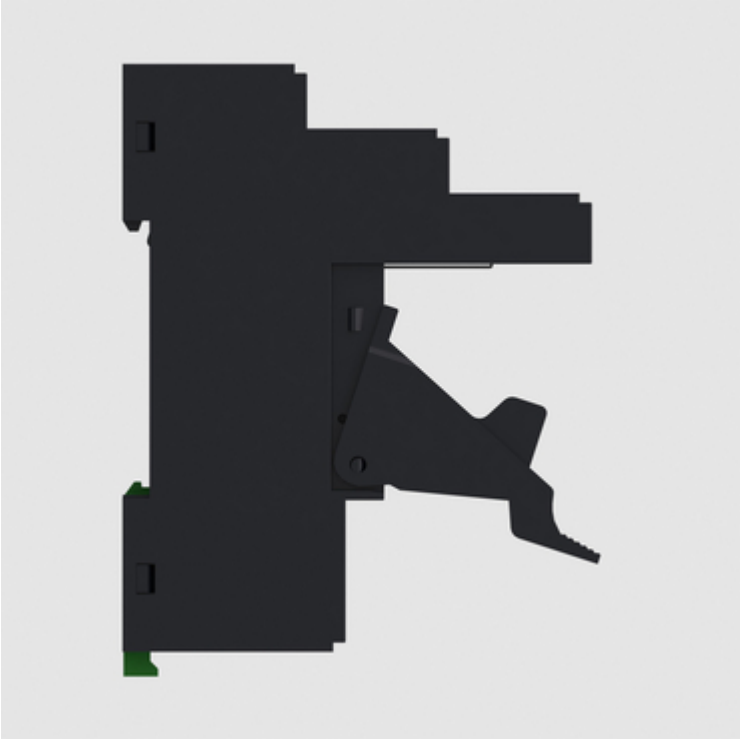
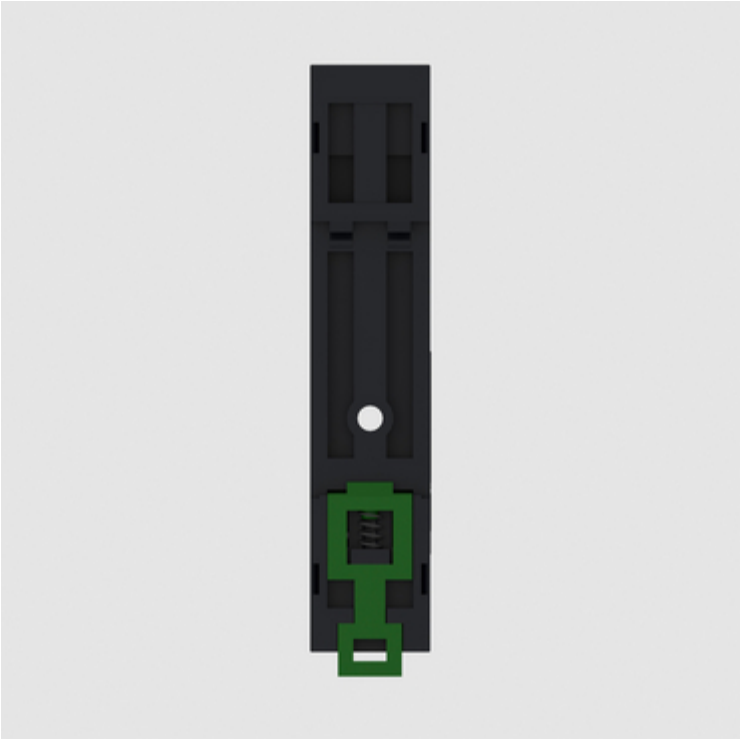


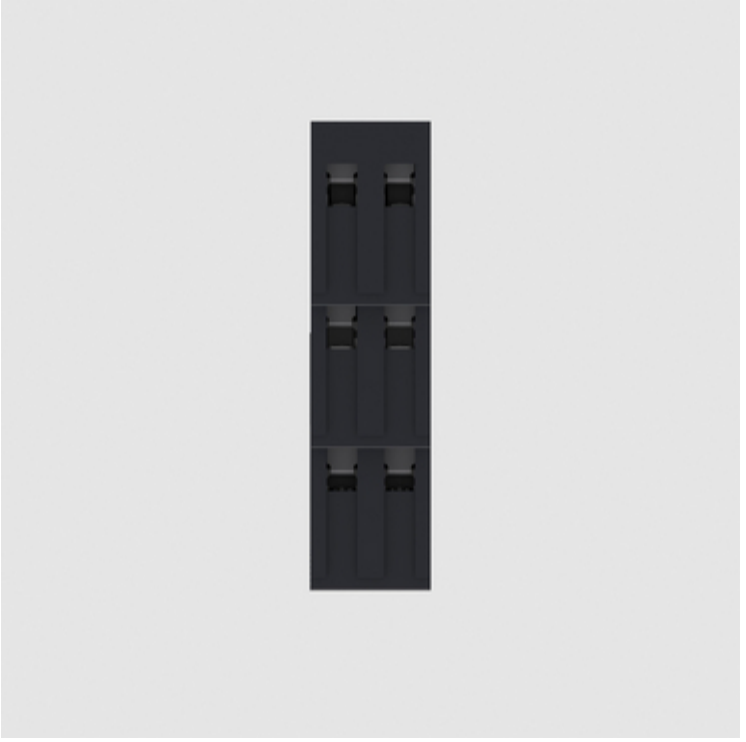
Image of product / Alternate images

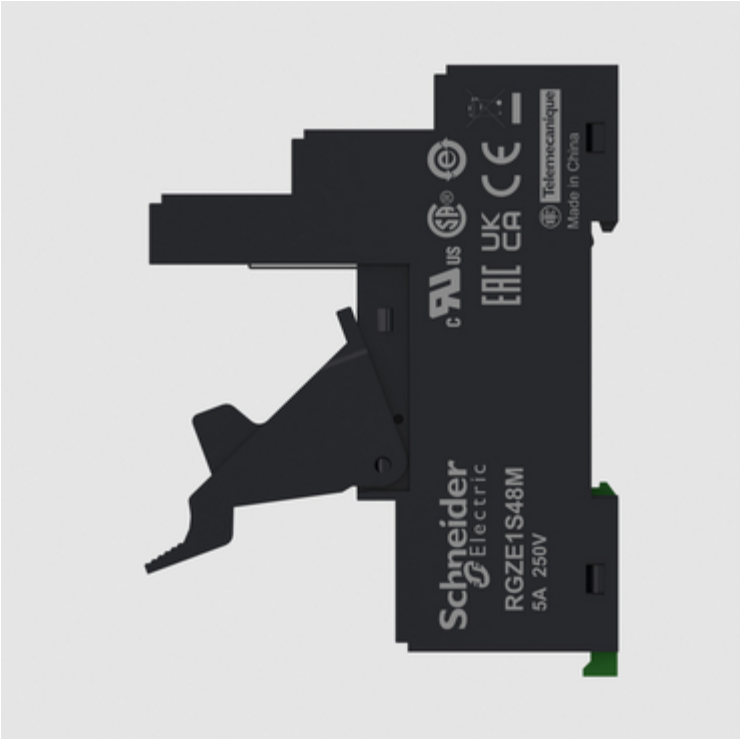
Alternative










Schneider Electric
RGZE1S48M
5A 250V
Télémécanique
Made in China

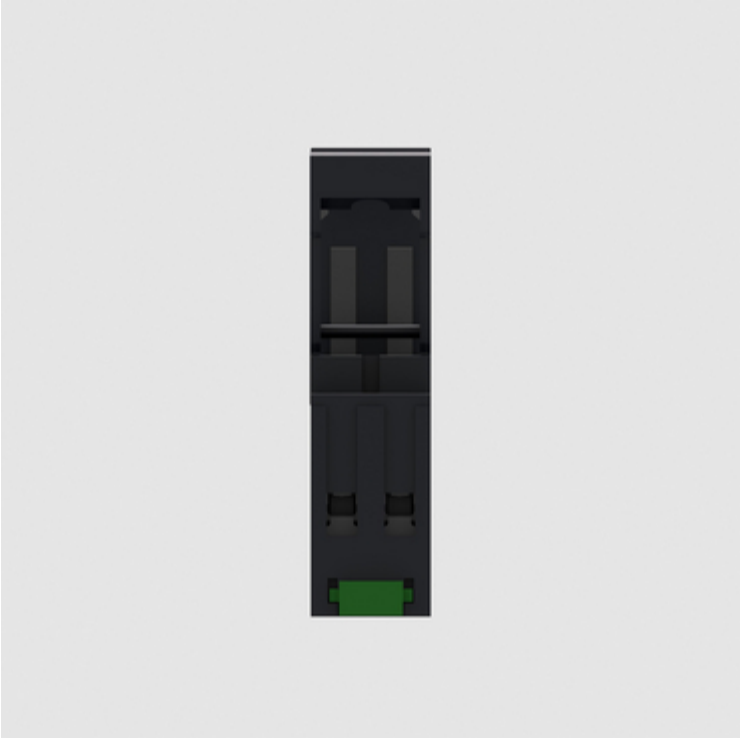


Image of product in real life situation

