

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 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 |
| 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 |

| | |
|-------------------|-----------|
| Relative humidity | 10...85 % |
|-------------------|-----------|

Packing Units

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|------------------------|-----|
| Unit Type of Package 1 | PCE |
|------------------------|-----|

| | |
|------------------------------|---|
| Number of Units in Package 1 | 1 |
|------------------------------|---|

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|------------------|----------|
| Package 1 Height | 1.600 cm |
|------------------|----------|

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|-----------------|----------|
| Package 1 Width | 6.800 cm |
|-----------------|----------|

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|------------------|----------|
| Package 1 Length | 7.900 cm |
|------------------|----------|

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|------------------|----------|
| Package 1 Weight | 40.000 g |
|------------------|----------|

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|------------------------|-----|
| Unit Type of Package 2 | BB1 |
|------------------------|-----|

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|------------------------------|----|
| Number of Units in Package 2 | 10 |
|------------------------------|----|

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|------------------|----------|
| Package 2 Height | 8.500 cm |
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|-----------------|----------|
| Package 2 Width | 8.600 cm |
|-----------------|----------|

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|------------------|-----------|
| Package 2 Length | 16.500 cm |
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|------------------|-----------|
| Package 2 Weight | 444.000 g |
|------------------|-----------|

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|------------------------|-----|
| Unit Type of Package 3 | S03 |
|------------------------|-----|

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|------------------------------|-----|
| Number of Units in Package 3 | 180 |
|------------------------------|-----|

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|------------------|-----------|
| Package 3 Height | 30.000 cm |
|------------------|-----------|

| | |
|-----------------|-----------|
| Package 3 Width | 30.000 cm |
|-----------------|-----------|

| | |
|------------------|-----------|
| Package 3 Length | 40.000 cm |
|------------------|-----------|

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|------------------|----------|
| Package 3 Weight | 8.544 kg |
|------------------|----------|

Logistical informations

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|-------------------|----|
| Country of origin | CN |
|-------------------|----|

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

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 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

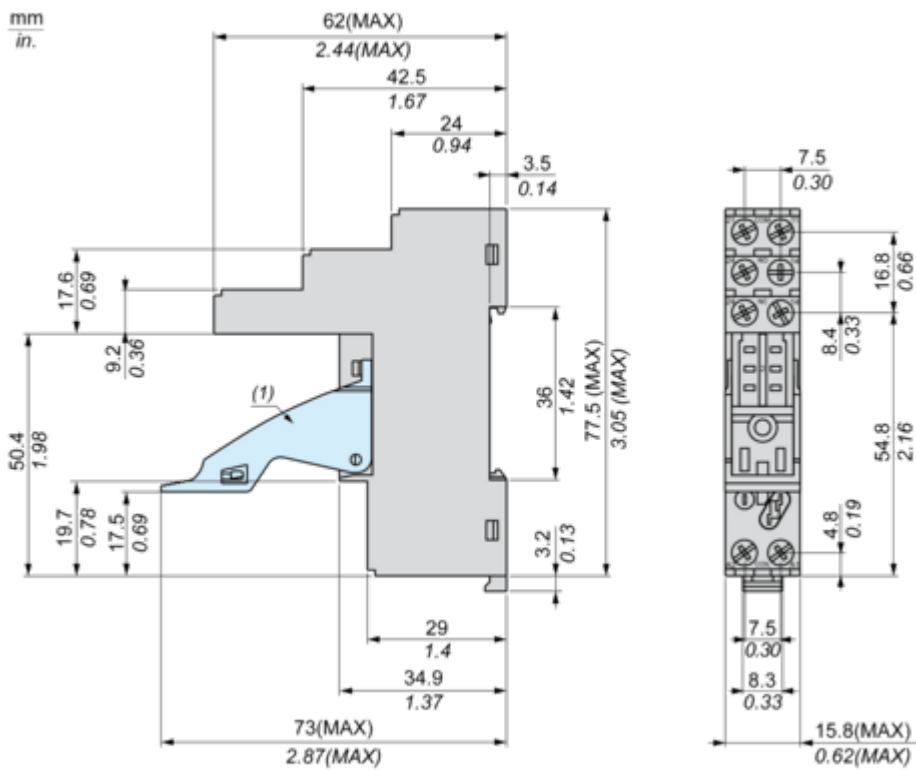
Repack and remanufacture

End of life manual availability No need of specific recycling operations

Take-back No

Dimensions Drawings

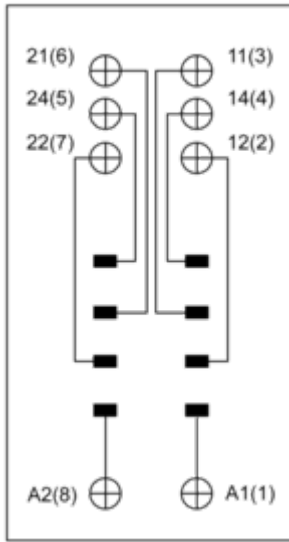
Dimensions



(1) Maintaining clamp

Connections and Schema

Wiring Diagram



Technical Illustration

Dimensions

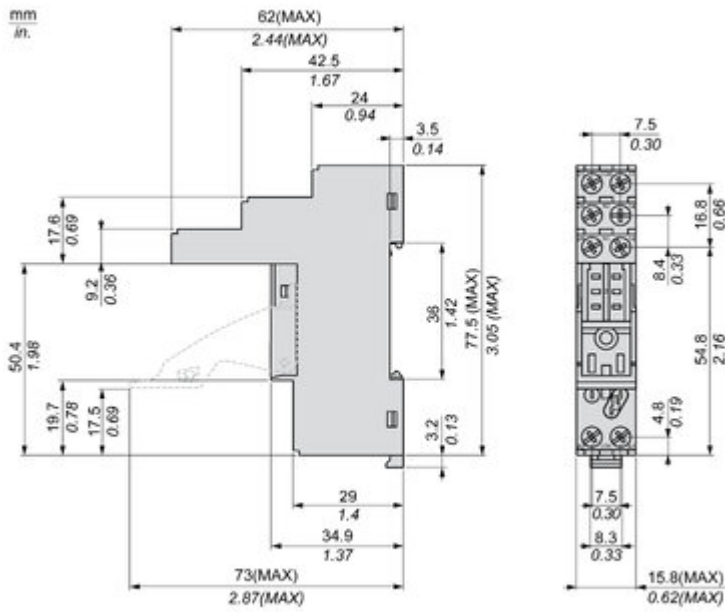


Image of product / Alternate images

Alternative





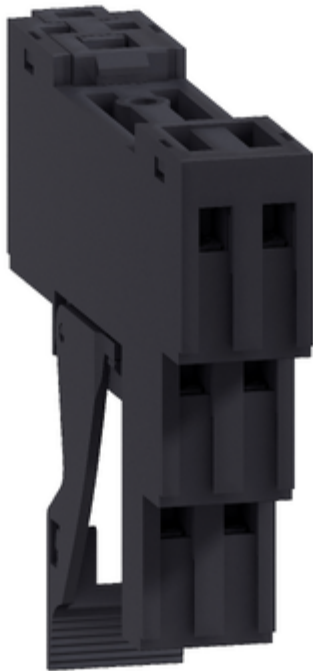


Image of product in real life situation

