

Product data sheet

Specifications



socket, Harmony Electromechanical Relays, for RUMC3 relays, 10A, screw connec to rs, mixed contact

RUZC3M

Main

| | |
|---|--|
| Range of product | Harmony Electromechanical Relays Harmony Timer Relays |
| Device short name | RUZ |
| Product or component type | Socket |
| Product compatibility | Plug-in relay RUM with 3 C/O contact Plug-in relay RE48A with 2 C/O contact |
| [Ith] conventional free air thermal current | 10 A |
| [Ue] rated operational voltage | < 250 V |
| Contacts type and composition | 3 C/O |

Complementary

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|--|--|
| Connections - terminals | Connector, 1 x 0.25...1 x 2.5 mm ² (AWG 22...AWG 14) flexible with cable end Connector, 2 x 0.25...2 x 1 mm ² (AWG 22...AWG 17) flexible with cable end Connector, 1 x 0.5...1 x 2.5 mm ² (AWG 20...AWG 14) solid without cable end Connector, 2 x 0.5...2 x 1.5 mm ² (AWG 20...AWG 16) solid without cable end |
| Shape of pin | Cylindrical |
| Tightening torque | < 1 N.m for M3.5 screw(s) |
| Fixing mode | By screw (panel) Clip-on (35 mm symmetrical DIN rail) |
| Contact terminal arrangement | Mixed |
| [Uimp] rated impulse withstand voltage | 4 kV |
| Overvoltage category | III |
| Pollution degree | 3 |
| Sale per indivisible quantity | 10 |
| Width | 38 mm |
| Net weight | 0.054 kg |

Environment

| | |
|-------------------------------------|------------------------------|
| IP degree of protection | IP20 conforming to IEC 60529 |
| Standards | IEC 61984 |
| Product certifications | CSA UL |
| Marking | CE |
| Ambient air temperature for storage | -40...85 °C |

| | |
|---------------------------------------|-------------|
| Ambient air temperature for operation | -40...55 °C |
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Packing Units

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

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

| | |
|------------------|----------|
| Package 1 Height | 2.700 cm |
|------------------|----------|

| | |
|-----------------|----------|
| Package 1 Width | 3.800 cm |
|-----------------|----------|

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|------------------|----------|
| Package 1 Length | 7.800 cm |
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|------------------|----------|
| Package 1 Weight | 57.000 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 | 8.300 cm |
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|-----------------|----------|
| Package 2 Width | 8.400 cm |
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|------------------|-----------|
| Package 2 Length | 14.600 cm |
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|------------------|-----------|
| Package 2 Weight | 618.000 g |
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|------------------------|-----|
| Unit Type of Package 3 | S03 |
|------------------------|-----|

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|------------------------------|-----|
| Number of Units in Package 3 | 200 |
|------------------------------|-----|

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

| | |
|-----------------|-----------|
| Package 3 Width | 30.000 cm |
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|------------------|-----------|
| Package 3 Length | 40.000 cm |
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|------------------|-----------|
| Package 3 Weight | 12.600 kg |
|------------------|-----------|

Contractual warranty

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

Use Better

Materials and Substances

| | |
|--|-----|
| Packaging made with recycled cardboard | Yes |
|--|-----|

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|--------------------------------------|-----|
| Packaging without single use plastic | Yes |
|--------------------------------------|-----|

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|-----------------------------------|--|
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
|-----------------------------------|--|

| | |
|------------------|-----------------------------------|
| REACH Regulation | REACH Declaration |
|------------------|-----------------------------------|

| | |
|---------------------------|---|
| 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 Again

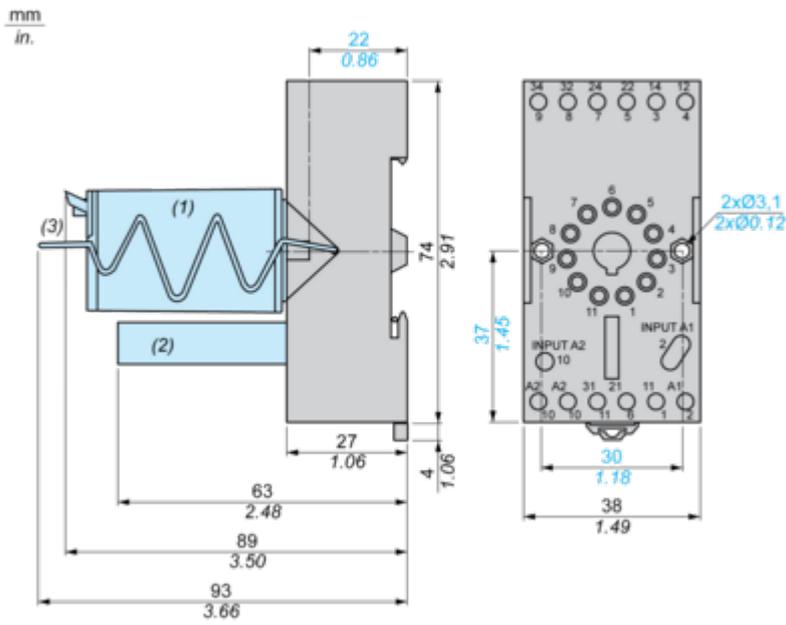
Repack and remanufacture

| | |
|---------------------------------|--|
| End of life manual availability | No need of specific recycling operations |
|---------------------------------|--|

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|-----------|----|
| Take-back | No |
|-----------|----|

Dimensions Drawings

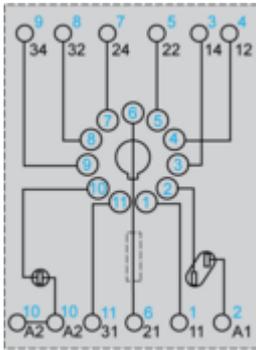
Dimensions



- (1) Relays
- (2) Protection module
- (3) Maintaining clamp

Connections and Schema

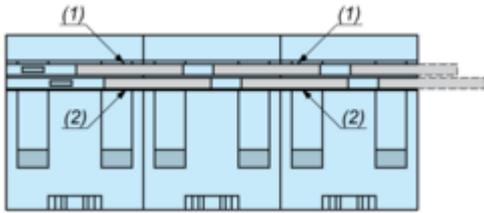
Wiring Diagram



Symbols shown in blue correspond to Nema marking.

Bus Jumpers Mounting on Sockets with Separate Contacts

Example of RUZS2 bus jumper mounting on sockets (view from below)



- (1) 2 bus jumpers (polarity A2)
- (2) 2 bus jumpers (polarity A1)

Technical Illustration

Dimensions

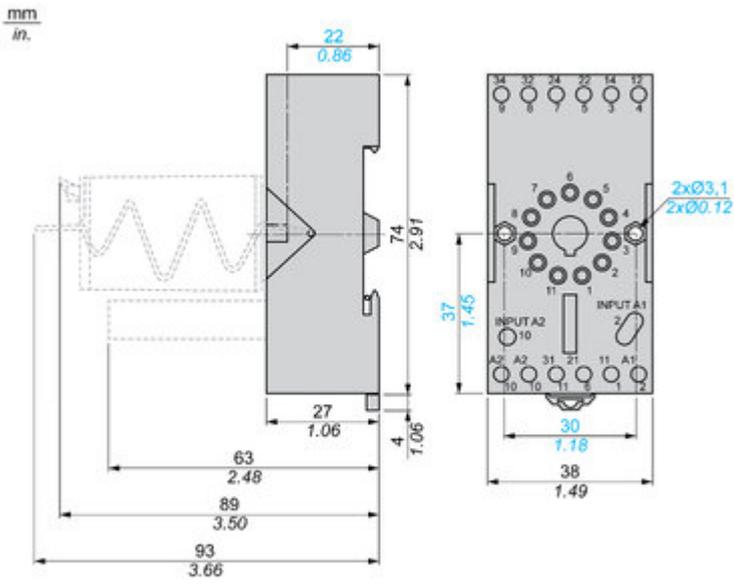


Image of product / Alternate images

Alternative







Image of product in real life situation

