

# Product data sheet

Specifications



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

RUZC3M

**Product availability:** Stock - Normally stocked in distribution facility

## 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 3 C/O Plug-in relay RE48A 2 C/O
[Ith] conventional free air thermal current	10 A
[Ue] rated operational voltage	< 250 V
Contacts type and composition	3 C/O

## Complementary

Connections - terminals	Connector, 1 x 0.25...1 x 2.5 mm <sup>2</sup> AWG 22...AWG 14) flexible with cable end Connector, 2 x 0.25...2 x 1 mm <sup>2</sup> AWG 22...AWG 17) flexible with cable end Connector, 1 x 0.5...1 x 2.5 mm <sup>2</sup> AWG 20...AWG 14) solid without cable end Connector, 2 x 0.5...2 x 1.5 mm <sup>2</sup> AWG 20...AWG 16) solid without cable end
Shape of pin	Cylindrical
Tightening torque	< 1 N.m M3.5
Fixing mode	By screw (panel) Clip-on (35 mm symmetrical DIN rail)
Contact terminal arrangement	Mixed
[Uiimp] rated impulse withstand voltage	4 kV
Overvoltage category	III
Pollution degree	3
Sale per indivisible quantity	10
Width	1.5 in (38 mm)
Product Weight	0.119 lb(US) (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...185 °F (-40...85 °C)

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

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Ambient Air Temperature for Operation	-40...131 °F (-40...55 °C)
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## Ordering and shipping details

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Category	US10CP221128
Discount Schedule	OCP2
GTIN	3389119403207
Returnability	Yes
Country of origin	CN

## Packing Units

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Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.06 in (2.700 cm)
Package 1 Width	1.50 in (3.800 cm)
Package 1 Length	3.07 in (7.800 cm)
Package weight(Lbs)	2.011 oz (57.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	3.27 in (8.300 cm)
Package 2 Width	3.31 in (8.400 cm)
Package 2 Length	5.75 in (14.600 cm)
Package 2 Weight	21.799 oz (618.000 g)
Unit Type of Package 3	S03
Number of Units in Package 3	200
Package 3 Height	11.81 in (30.000 cm)
Package 3 Width	11.81 in (30.000 cm)
Package 3 Length	15.75 in (40.000 cm)
Package 3 Weight	27.778 lb(US) (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

Carbon footprint (kg CO2 eq, Total Life cycle)

1

## 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](#)

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](http://www.P65Warnings.ca.gov)

## Use Again

### Repack and remanufacture

Circularity Profile

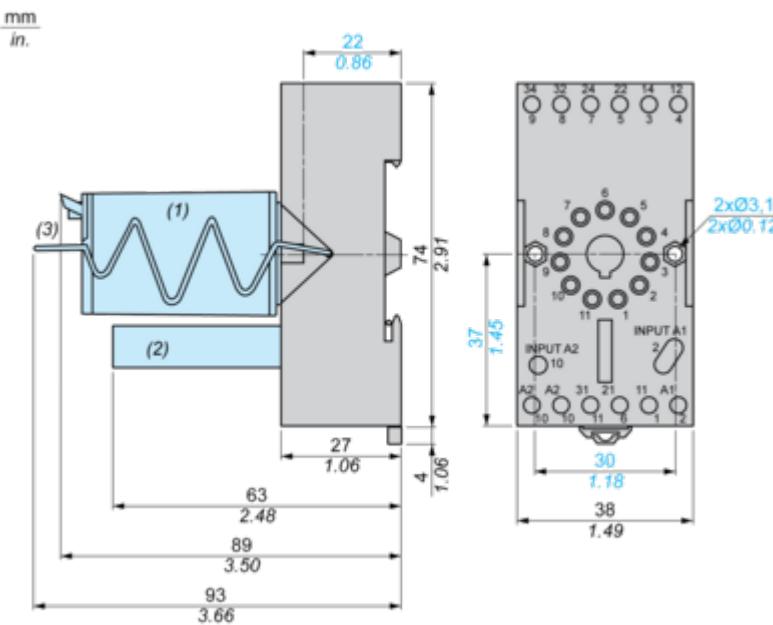
No need of specific recycling operations

Take-back

No

## Dimensions Drawings

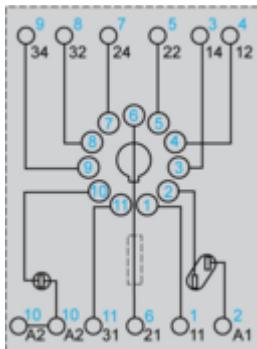
## Dimensions



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

## Connections and Schema

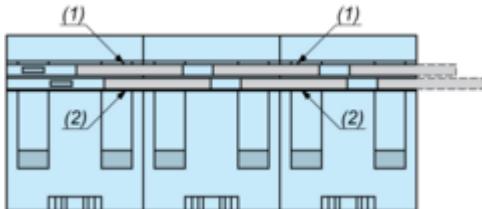
### Wiring Diagram



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

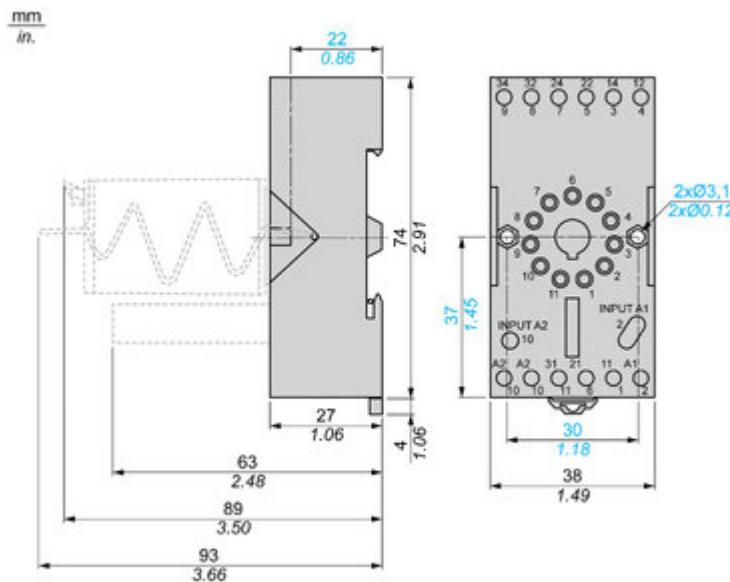


Image of product / Alternate images

Alternative

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Image of product in real life situation

