

# Product data sheet

Specifications



Harmony, plugin relay socket, mixed contact, 10 A, 250 V, octal connector, for RUMC2 relays

RUC2M

**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 2 C/O Plug-in relay RE48 2 C/O Plug-in relay RE48 1 C/O + 1 C/O
[Ith] conventional free air thermal current	10 A
[Ue] rated operational voltage	< 250 V
Contacts type and composition	2 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
[Uimp] rated impulse withstand voltage	4 kV
Overvoltage category	III
Pollution degree	3
Sale per indivisible quantity	10
Width	1.5 in (38 mm)
Net Weight	0.119 lb(US) (0.054 kg)

## Environment

IP degree of protection	IP20 conforming to IEC 60529
Standards	IEC 61984
Product Certifications	UL CSA
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)

## Ordering and shipping details

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Category	US10CP221128
Discount Schedule	0CP2
GTIN	3389119403214
Returnability	Yes
Country of origin	CN

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## Packing Units

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Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.102 in (2.800 cm)
Package 1 Width	1.496 in (3.800 cm)
Package 1 Length	3.150 in (8.000 cm)
Package weight(Lbs)	1.764 oz (50.000 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	3.346 in (8.500 cm)
Package 2 Length	5.709 in (14.500 cm)
Package 2 Weight	19.153 oz (543.000 g)
Unit Type of Package 3	S03
Number of Units in Package 3	200
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	25.177 lb(US) (11.420 kg)

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## Contractual warranty

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Warranty (in months)	18
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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	2 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Carbon footprint of the manufacturing phase [A1 to A3]	2 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.

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	<a href="#">Compliant</a>
REACH Regulation	<a href="#">Free of Substances of Very High Concern above the threshold</a>
California proposition 65	<b>WARNING:</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Use Longer



### Lifetime extension

Repair	No
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## Use Again

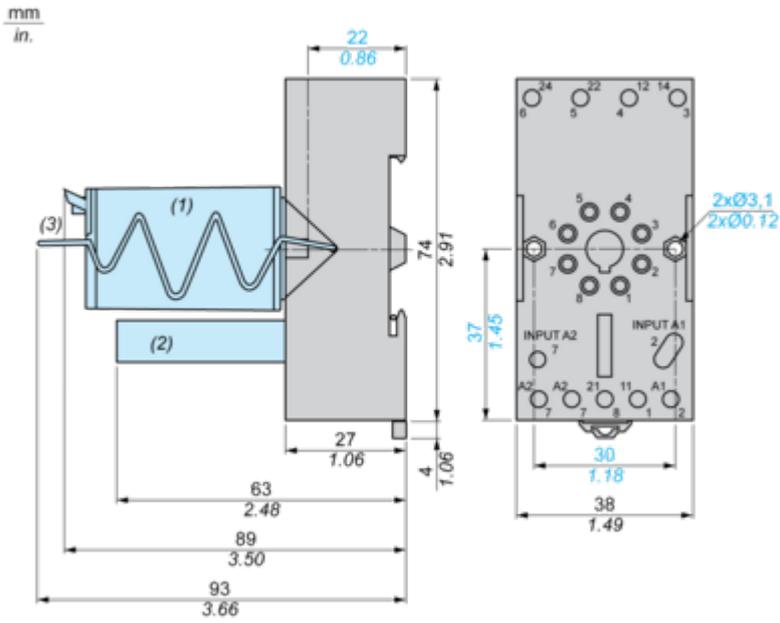


### Repack and remanufacture

Recyclability potential, in %	58
Circularity Profile	No need of specific recycling operations
Take-back	No

Dimensions Drawings

Dimensions



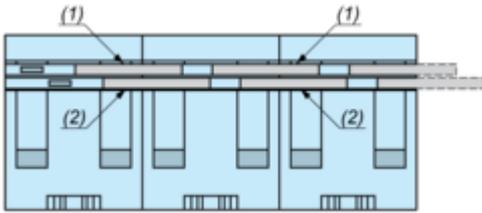
- (1) Relays
- (2) Protection module
- (3) Maintaining clamp



## Bus Jumpers Mounting on Sockets with Separate Contacts

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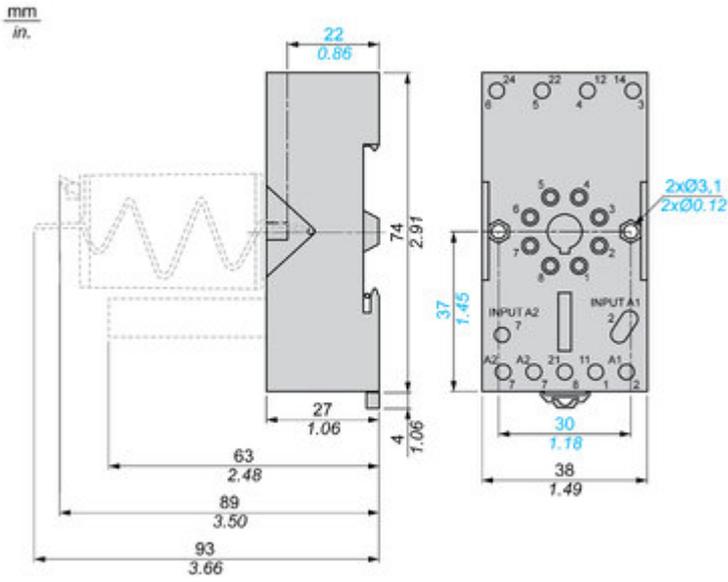
Example of RUZS2 bus jumper mounting on sockets (view from below)



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

Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features

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## Technical Benefits

### Harmony Timer Relay

Flexible choice of screw or spring connection terminals for wiring.

One product reference covering 28 timing functions, 2 outputs, and a wide range of supply voltage 24...240 V AC/DC.

Dust and unintended human intervention avoided thanks to the IP50 lead-sealable settings protection cover.



A Dial-Pointer LED indicator that enhances ease of operation in difficult environments such as dusty or low-light conditions

Different mounting style to meet your preference:  
DIN rail mount with product width; 17.5 mm/0.69 in.  
22.5 mm/0.88 in.  
Plug in mounting with socket

Offer Marketing Illustration

Product benefits / Features

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The infographic features a central image of a black Harmony Timer Relay. It is surrounded by five circular icons, each with a corresponding text block. The background is a solid green color.

### Features

#### Harmony Timer Relay

- Diagnostic button:** "Diagnostic button" to check downstream circuit immediately, shorten the commission and troubleshooting time.
- Wide range of time delay:** Wide range of time delay for adjustment: from 0.01 s to 999 hrs.
- Compatibility:** Compatible with a wide range of applications including machines, buildings, water segments, and HVAC.
- Compliance:** Compliant with IEC 60255-1 standard, and a wide array of product certifications such as UL, CE, CSA, EAC.
- Accuracy:** Unprecedented accuracy, predictive maintenance, and superior security.

Image of product / Alternate images

Alternative

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Image of product in real life situation

