Product data sheet

Specifications



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

RUZC2M

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 mm² 22 AWG...14 AWG) flexible with cable end Connector, 2 x 0.25...2 x 1 mm² 22 AWG...17 AWG) flexible with cable end Connector, 1 x 0.5...1 x 2.5 mm² 20 AWG...14 AWG) solid without cable end Connector, 2 x 0.5...2 x 1.5 mm² 20 AWG...16 AWG) 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.

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

Ambient Air Temperature for Operation	-40…131 °F (-40…55 °C)

Ordering and shipping details

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

Packing Units

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	11.8 in (30 cm)
Package 3 Width	11.8 in (30 cm)
Package 3 Length	15.7 in (40 cm)
Package 3 Weight	25.177 lb(US) (11.420 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	**2 kg CO2 eq.**
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.**
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**

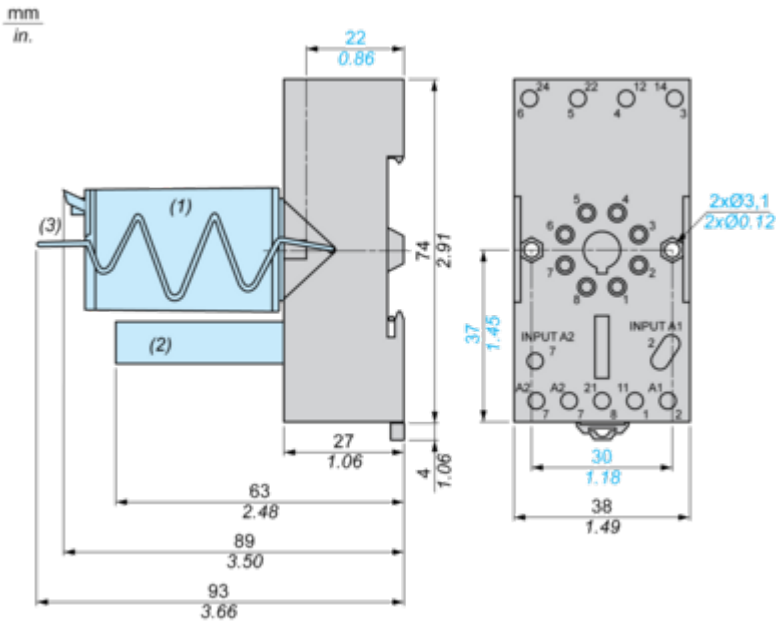
Use Again

Repack and remanufacture

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

Dimensions Drawings

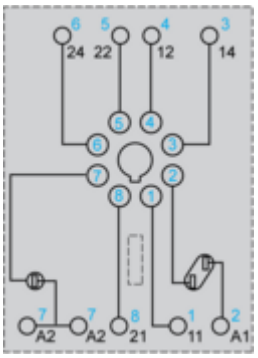
Dimensions



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

Connections and Schema

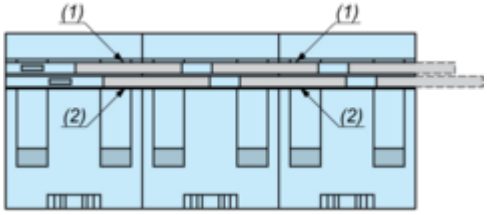
Wiring Diagram



Symbols shown in blue correspond to Nema marking.

Bus Jumpers Mounting on Sockets with Separate Contacts

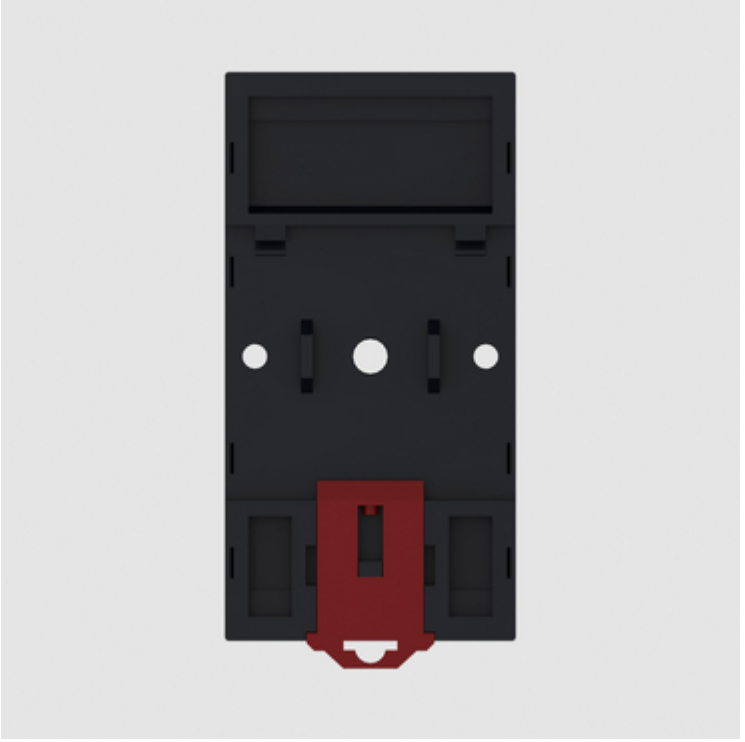
Example of RUZS2 bus jumper mounting on sockets (view from below)

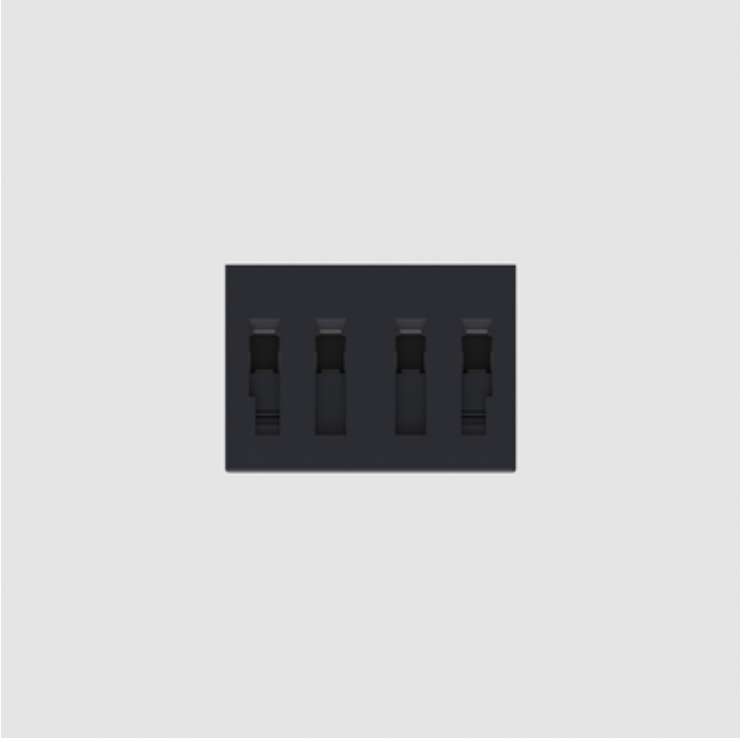


(1) 2 bus jumpers (polarity A2)
(2) 2 bus jumpers (polarity A1)

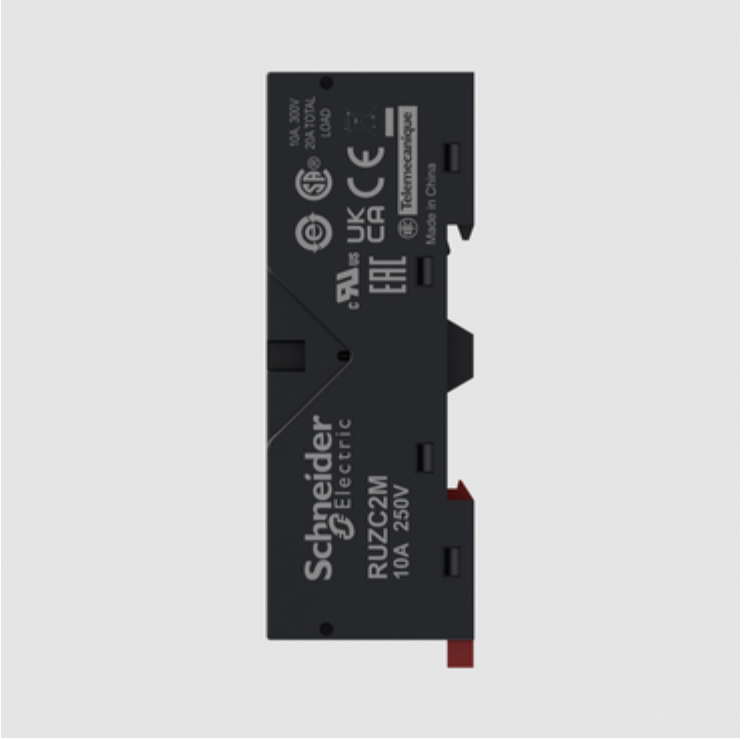
Image of product / Alternate images

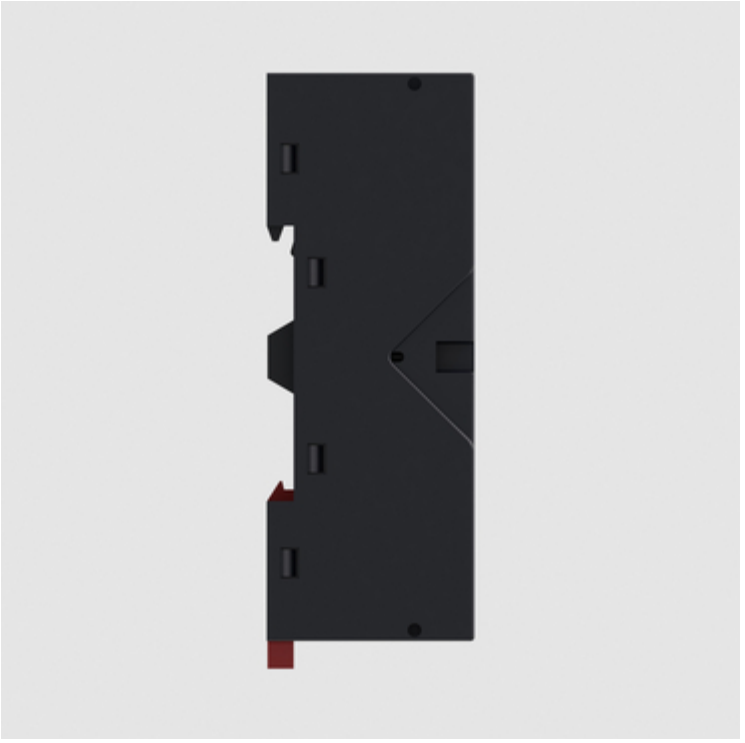
Alternative






24
22
12
14
6
5
4
3
INPUT A2
INPUT A1
7
IEC:
NEMA:
2
A2
A2
21
11
A1
7
7
8
1
2


Schneider Electric
RUZC2M
10A 250V
Made in China



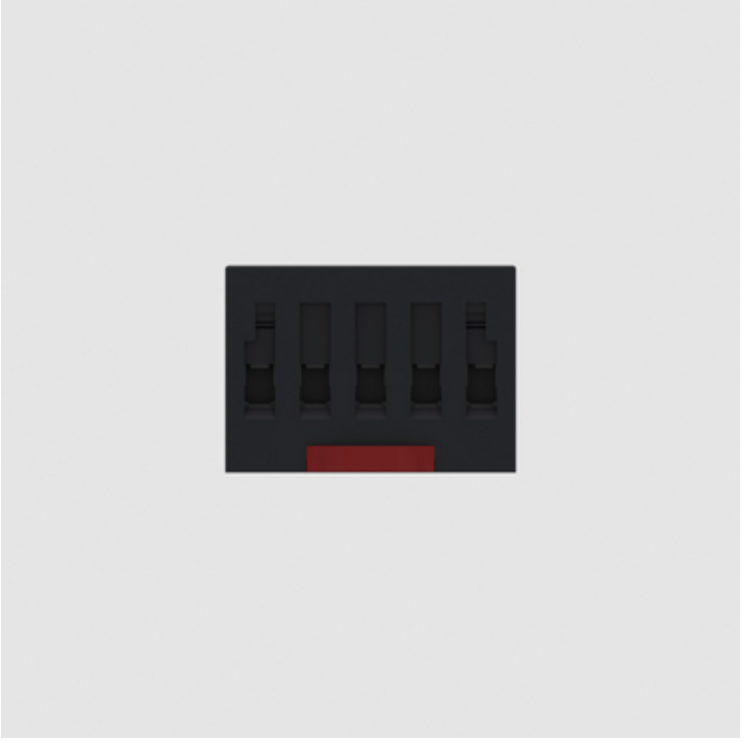


Image of product in real life situation

