



## 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
Contacts type and composition	3 C/O
[I <sub>th</sub> ] conventional free air thermal current	10 A
[U <sub>e</sub> ] rated operational voltage	< 250 V

## Complementary

Shape of pin	Cylindrical
Contact terminal arrangement	Mixed
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
Tightening torque	< 1 N.m for M3.5 screw(s)
Fixing mode	By screw (panel) Clip-on (35 mm symmetrical DIN rail)
[U <sub>imp</sub> ] 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[RETURN]UL
Marking	CE
Ambient air temperature for storage	-40...85 °C
Ambient air temperature for operation	-40...55 °C

## Packing Units

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
Package 1 Length	7.800 cm
Package 1 Weight	56.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	10

Package 2 Height	8.300 cm
Package 2 Width	8.400 cm
Package 2 Length	14.600 cm
Package 2 Weight	606.000 g
Unit Type of Package 3	S03
Number of Units in Package 3	200
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	12.600 kg

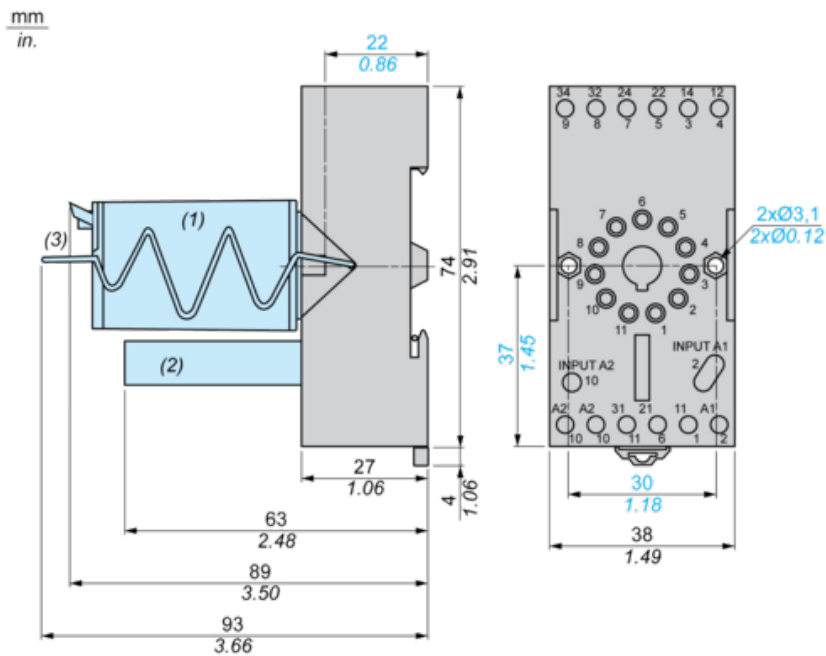
## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

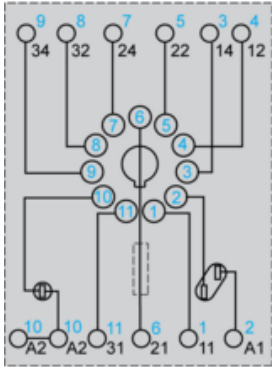
Warranty	18 months
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Dimensions



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

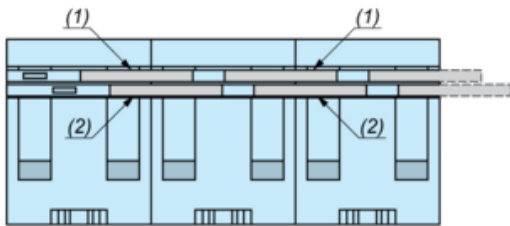
Wiring Diagram



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)