

# Product data sheet

## Characteristics

# RUZC3M

Harmony, Socket, for RUMC3 relays, 10 A, screw connectors, mixed contact



### Main

Range of product	Harmony Electromechanical Relays Harmony Timer Relays
Product or component type	Socket
Contact terminal arrangement	Mixed
Product compatibility	Plug-in relay RUM with 3 C/O contact Plug-in relay RE48A with 2 C/O contact
Shape of pin	Cylindrical
Device short name	RUZ
Sale per indivisible quantity	10

### Complementary

[I <sub>th</sub> ] conventional free air thermal current	10 A
[U <sub>e</sub> ] rated operational voltage	< 250 V
Tightening torque	< 1 N.m for M3.5 screw(s)
Fixing mode	By screw (panel) Clip-on (35 mm symmetrical DIN rail)
Marking	CE
Width	38 mm
Net weight	0.054 kg
[U <sub>imp</sub> ] rated impulse withstand voltage	4 kV
Overvoltage category	III
Pollution degree	3

### Environment

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
Standards	IEC 61984
Product certifications	CSA UL
Ambient air temperature for storage	-40...85 °C
Ambient air temperature for operation	-40...55 °C
IP degree of protection	IP20 conforming to EN/IEC 60529
Dielectric strength	2500 V

### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	60.0 g
Package 1 Height	2.7 cm
Package 1 width	3.8 cm
Package 1 Length	7.8 cm
Unit Type of Package 2	BB1

Number of Units in Package 2	10
Package 2 Weight	600.0 g
Package 2 Height	8.3 cm
Package 2 width	8.5 cm
Package 2 Length	14.6 cm
Unit Type of Package 3	CAR
Number of Units in Package 3	200
Package 3 Weight	12.6 kg
Package 3 Height	29.8 cm
Package 3 width	30.0 cm
Package 3 Length	39.7 cm

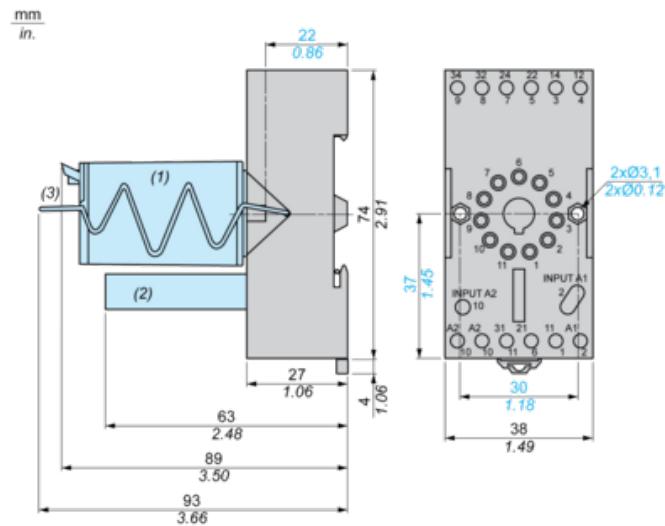
### Offer Sustainability

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
RoHS exemption information	 <a href="#">Yes</a>
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
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

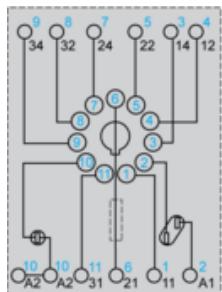


- (1) Relays
- (2) Protection module
- (3) Maintaining clamp

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### Wiring Diagram

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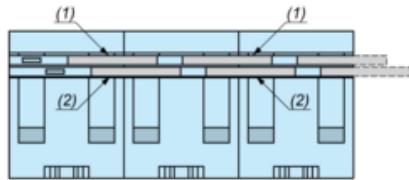
Symbols shown in blue correspond to Nema marking.

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### 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)