

Product data sheet

Characteristics

RUZSF3M

socket RUZ- separate contact -12 A - < 250 V - connector



Main

Range of product	Harmony Electromechanical Relays
Device short name	RUZ
Product or component type	Socket
Product compatibility	Plug-in relay RUM with 2 C/O contact[RETURN]Plug-in relay RUM with 3 C/O contact
Contacts type and composition	3 C/O
[Ith] conventional free air thermal current	16 A
[Ue] rated operational voltage	< 250 V

Complementary

Shape of pin	Flat
Contact terminal arrangement	Separate
Connections - terminals	Connector, 1 x 0.25...1 x 2.5 mm ² (AWG 22...AWG 14) flexible with cable end Connector, 2 x 0.25...2 x 1 mm ² (AWG 22...AWG 17) flexible with cable end Connector, 1 x 0.5...1 x 2.5 mm ² (AWG 20...AWG 14) solid without cable end Connector, 2 x 0.5...2 x 1.5 mm ² (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)
[Uimp] rated impulse withstand voltage	4 kV
Overvoltage category	III
Pollution degree	3
Sale per indivisible quantity	10
Width	36 mm
Net weight	0.095 kg

Environment

IP degree of protection	IP20 conforming to IEC 60529
Standards	IEC 61984
Product certifications	CSA[RETURN]JUL
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	3.5 cm
Package 1 Width	9.2 cm
Package 1 Length	6.3 cm
Package 1 Weight	103.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	10

Package 2 Height	10.4 cm
Package 2 Width	11.2 cm
Package 2 Length	18.7 cm
Package 2 Weight	1.05 kg
Unit Type of Package 3	CAR
Number of Units in Package 3	80
Package 3 Height	28.5 cm
Package 3 Width	29.9 cm
Package 3 Length	39.8 cm
Package 3 Weight	8.4 kg

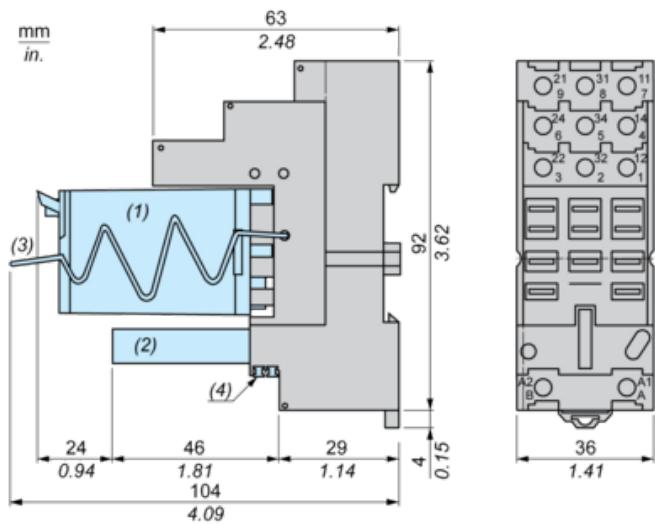
Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
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

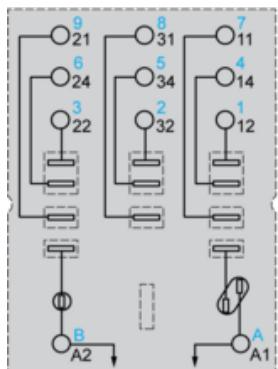
Warranty	18 months
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Dimensions



- (1) Relays
- (2) Protection module
- (3) Maintaining clamp
- (4) 2 bus jumpers

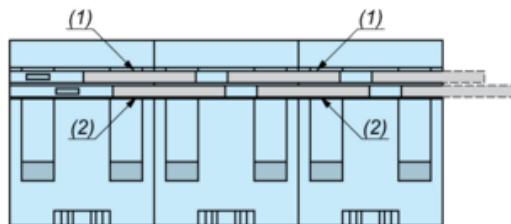
Wiring Diagram



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)