Product datasheet
Characteristics

RGZE1S48M
socket RGZ - separate contact -5 A - 250 V - Screw connector

Green Premium™

Main

Range of product	Harmony Electromechanical Relays
Product or component type	Socket
Contact terminal arrangement	Separate

Complementary

Product compatibility	Plug-in relay RXG with 2 C/O contact
[Ui] rated insulation voltage	250 V
[Uimp] rated impulse withstand voltage	6 kV between coil and contact with reinforced insulation 4 kV between contacts with basic insulation 4 kV between poles with basic insulation 4 kV between terminals and DIN rail with basic insulation
[In] rated current	5 A
[Ue] rated operational voltage	250 V conforming to IEC 300 V conforming to UL
Dielectric strength	5 kV between coil and contact with reinforced insulation 2.5 kV between contacts with basic insulation 3 kV between poles with basic insulation 3 kV between terminals and DIN rail with basic insulation
Connections - terminals	Screw terminals, 1 x 0.25...1 x 2.5 mm² (AWG 22...AWG 14) flexible with cable end Screw terminals, 2 x 0.25...2 x 1 mm² (AWG 22...AWG 17) flexible with cable end Screw terminals, 2 x 0.5...2 x 1.5 mm² (AWG 20...AWG 16) solid without cable end Screw terminals, 1 x 0.5...1 x 2.5 mm² (AWG 20...AWG 14) solid without cable end
Screw type	M3

Environment

Ambient air temperature for storage	-40…85 °C
Ambient air temperature for operation	-40…70 °C
Relative humidity	10…85 %
Standards	CSA C22.2 No 14

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	IEC 61984
	UL 508
Product certifications	EAC
	CE
	CSA
	UL
	DNV-GL
IP degree of protection	IP20
Overvoltage category	III
Pollution degree	3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	39.7 g
Package 1 Height	61.5 mm
Package 1 width	16 mm
Package 1 Length	80 mm

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
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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RGZE1S48M

Dimensions
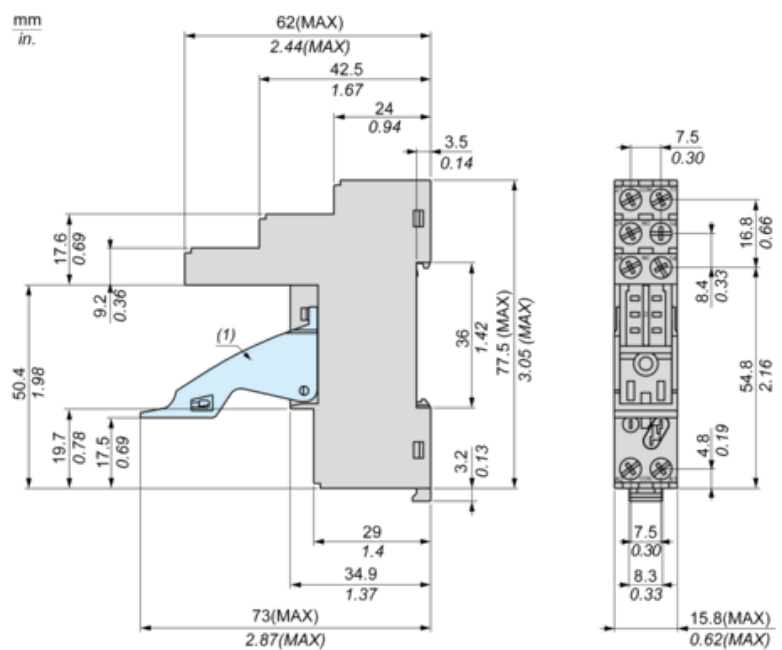
(1) Maintaining clamp

Wiring Diagram

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21(6)          11(3)
24(5)          14(4)
22(7)          12(2)




A2(8)          A1(1)
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