

Product data sheet

Specifications



Plug in relay, Zelio Relay, miniature, RXM, 4 C/O, 120 V AC

RXM4SOC120A

⚠ Discontinued on: Jun 30, 2023

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Main

Range Of Product	Harmony Relay
Series Name	Miniature
Product Or Component Type	Plug-in relay
Device Short Name	RXM
Contacts Type And Composition	4 C/O
[Uc] Control Circuit Voltage	120 V AC 50/60 Hz
[Ithe] Conventional Enclosed Thermal Current	6 A -40...131 °F (-40...55 °C)
Status Led	With
Control Type	Lockable test button
Utilisation Coefficient	20 %

Complementary

Shape Of Pin	Flat
[Ui] Rated Insulation Voltage	250 V IEC 300 V CSA 300 V UL
[Uimp] Rated Impulse Withstand Voltage	2.5 kV 1.2/50 µs
Contacts Material	AgNi
[Ie] Rated Operational Current	3 A 28 V DC) NC IEC 3 A 250 V AC) NC IEC 6 A 28 V DC) NO IEC 6 A 250 V AC) NO IEC 6 A 277 V AC) UL 8 A 30 V DC) UL
Maximum Switching Voltage	250 V IEC
Resistive Rated Load	10 A 250 V AC 10 A 28 V DC
Maximum Switching Capacity	1500 VA/168 W
Minimum Switching Capacity	170 mW 10 mA, 17 V
Operating Rate	<= 1200 cycles/hour under load <= 18000 cycles/hour no-load
Mechanical Durability	10000000 cycles
Electrical Durability	100000 cycles resistive
Average Coil Consumption In Va	1.2 60 Hz

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

Average Consumption	1.2 VA 60 Hz
Drop-Out Voltage Threshold	>= 0.15 Uc
Operate Time	20 ms
Release Time	20 ms
Average Coil Resistance	3630 Ohm 20 °C +/- 15 %
Rated Operational Voltage Limits	96...132 V AC
Safety Reliability Data	B10d = 100000
Protection Category	RT I
Operating Position	Any position
Net Weight	0.08 lb(US) (0.037 kg)
Device Presentation	Complete product

Environment

Dielectric Strength	1300 V AC between contacts micro disconnection 2000 V AC between coil and contact 2000 V AC between poles
Product Certifications	UL GOST CSA CE Lloyd's
Standards	UL 508 CSA C22.2 No 14 EN/IEC 61810-1
Ambient Air Temperature For Storage	-40...185 °F (-40...85 °C)
Ambient Air Temperature For Operation	-40...131 °F (-40...55 °C)
Vibration Resistance	3 gn +/- 1 mm 10...55 Hz)5 cycles in operation 5 gn +/- 1 mm 10...55 Hz)5 cycles not operating
Ip Degree Of Protection	IP40 conforming to EN/IEC 60529
Shock Resistance	10 gnin operation 30 gnnot operating
Pollution Degree	2

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.40 in (3.556 cm)
Package 1 Width	5.40 in (13.716 cm)
Package 1 Length	7.60 in (19.304 cm)
Package 1 Weight	4.96 oz (140.615 g)

Sustainability

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Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	
China Rohs Regulation	China RoHS declaration	
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	