



# miniature plug-in relay - 4CO 5A, LED, 120VAC

RXM4NB3F7

- Discontinued on: 20-Oct-2020
- ! End-of-service on: 30-Jun-2022

① Discontinued

#### 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	20 V AC 50/60 Hz	
[Ithe] Conventional Enclosed Thermal Current		
Status Led	With	
Control Type	Without lockable test button	
Utilisation Coefficient	20 %	

## Complementary

Shape Of Pin	Flat	
[Ui] Rated Insulation Voltage	250 V conforming to IEC 300 V conforming to CSA	
	300 V conforming to UL	
[Uimp] Rated Impulse Withstand Voltage	2.5 kV during 1.2/50 μs	
Contacts Material	Gold plated bifurcated silver	
[le] Rated Operational Current	2 A at 28 V (DC) NO conforming to IEC	
	2 A at 250 V (AC) NO conforming to IEC	
	1 A at 28 V (DC) NC conforming to IEC	
	1 A at 250 V (AC) NC conforming to IEC	
	3 A at 28 V (DC) conforming to UL	
	3 A at 277 V (AC) conforming to UL	
Maximum Switching Voltage	250 V conforming to IEC	
Resistive Rated Load	3 A at 250 V AC	
	3 A at 28 V DC	
Maximum Switching Capacity	750 VA/84 W	
Minimum Switching Capacity	15 mW at 3 mA, 5 V	
Operating Rate	<= 1200 cycles/hour under load	
	<= 18000 cycles/hour no-load	
Mechanical Durability	urability 10000000 cycles	
Electrical Durability	Durability 100000 cycles for resistive load depending on mounting position and working environment	
Average Consumption	1.2 VA at 60 Hz	

Drop-Out Voltage Threshold	>= 0.15 Uc	
Operate Time	20 ms	
Release Time	20 ms	
Average Coil Resistance	3630 Ohm at 20 °C +/- 15 %	
Rated Operational Voltage Limits	96132 V AC	
Protection Category	RTI	
Test Levels	Level A group mounting	
Operating Position	Any position	
Net Weight	0.037 kg	
Device Presentation	Complete product	

## **Environment**

Dielectric Strength	1300 V AC between contacts with micro disconnection	
	2000 V AC between coil and contact	
	2000 V AC between poles	
Product Certifications	CE	
	GOST	
	UL	
	Lloyd's	
	CSA	
Standards	EN/IEC 61810-1	
	UL 508	
	CSA C22.2 No 14	
Ambient Air Temperature For Storage	-4085 °C	
Ambient Air Temperature For Operation	-4055 °C	
Vibration Resistance	3 gn, amplitude = +/- 1 mm (f = 10150 Hz)5 cycles in operation	
	5 gn, amplitude = +/- 1 mm (f = 10150 Hz)5 cycles not operating	
Ip Degree Of Protection	Of Protection IP40 conforming to EN/IEC 60529	
Shock Resistance	10 gn for in operation	
	30 gn for not operating	
Pollution Degree	2	



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Transparency RoHS/REACh

#### Well-being performance

<b>②</b>	Reach Free Of Svhc	
	Toxic Heavy Metal Free	
	Mercury Free	
	Rohs Exemption Information	Yes

### **Certifications & Standards**

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
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
Circularity Profile	No need of specific recycling operations