# **Product data sheet**

Specification





# Miniature Plug-in relay - Harmony RXM 4 C/O 12 V DC 6 A with LED

RXM4AB3JD

- ! Discontinued on: Dec 2, 2020
- ! End-of-service on: Dec 31, 2020

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	12 V DC	
Status LED	With	
Control Type	Without 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
[le] 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
Continuous output current	5 A
Maximum switching voltage	250 V IEC
resistive rated load	6 A 250 V AC
	6 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	0.9 W

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Drop-out voltage threshold	>= 0.1 Uc	
operate time	20 ms	
release time	20 ms	
average coil resistance	160 Ohm 20 °C +/- 10 %	
Rated operational voltage limits	9.613.2 V DC	
Safety reliability data	B10d = 100000	
Protection category	RTI	
Test levels	Level A group mounting	
Operating position	Any position	
Net Weight	0.082 lb(US) (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 with basic insulation	
	2000 V AC between poles with basic insulation	
Product Certifications	UL	
	Lloyd's	
	CE	
	CSA	
	GOST	
	IECEE CB Scheme	
Standards	CSA C22.2 No 14	
	IEC 61810-1	
	UL 508	
Ambient Air Temperature for Storage	-40185 °F (-4085 °C)	
Ambient air temperature for operation	-40131 °F (-4055 °C)	
Vibration resistance	3 gn +/- 1 mm 10150 Hz)5 cycles in operation	
	5 gn +/- 1 mm 10150 Hz)5 cycles not operating	
IP degree of protection	IP40 conforming to IEC 60529	
Shock resistance	10 gnin operation	
	30 gnnot operating	
Pollution degree	2	

## Ordering and shipping details

Category	21127-ZELIO ICE CUBE RELAYS	
Discount Schedule	CP2	
GTIN	00785901876663	
Returnability	No	
Country of origin	CN	

## **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1

## **Contractual warranty**

Warranty 18 months



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Transparency RoHS/REACh

#### Well-being performance



Reach Free Of Svhc



Rohs Exemption Information

Yes

#### **Certifications & Standards**

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	End of Life Information
California Proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov