# **Product data sheet**

Specifications





# Miniature Plug-in relay - Harmony RXM 4 C/O 48 V AC 3 A with LED

RXM4GB3E7

! Discontinued on: Jan 29, 2021

(!) 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                 | 48 V AC 50/60 Hz             |  |
| [Ithe] conventional enclosed thermal current | 3 A -40131 °F (-4055 °C)     |  |
| 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 Gold plated bifurcated silver |  |
| [le] rated operational current                  | 2 A 28 V DC) NO IEC  |
|   | 2 A 250 V AC) NO IEC   |
|   | 1 A 28 V DC) NC IEC  |
|   | 1 A 250 V AC) NC IEC   |
|   | 3 A 28 V DC) UL  |
|   | 3 A 277 V AC) UL   |
| Maximum switching voltage                       | 250 V IEC  |
| resistive rated load                            | 3 A 250 V AC   |
|   | 3 A 28 V DC  |
| Maximum switching capacity                      | 750 VA/84 W  |
| Minimum switching capacity                      | 15 mW 3 mA, 5 V  |
| Operating rate                                  | <= 1200 cycles/hour under load   |
|   | <= 18000 cycles/hour no-load   |
| Mechanical durability                           | 10000000 cycles  |
| Electrical durability                           | 100000 cycles resistive depending on mounting position and working environment |
| average coil consumption in VA                  | 1.2 60 Hz  |

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

| 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          | 710 Ohm 20 °C +/- 15 %  |  |
| Rated operational voltage limits | 38.452.8 V AC           |  |
| 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 |
|---------------------------------------|--|
|                                       |  |
|                                       | 2000 V AC between poles  |
| 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              | 00785901491835              |  |
| 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         |     |
|----------|----------------------------|-----|
| <b>②</b> | Toxic Heavy Metal Free     |     |
| <b>②</b> | Mercury Free               |     |
| <b>②</b> | 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 |