

RXM2AB1BD

miniature plug-in relay - Zelio RXM - 2 C/O - 24 V DC - 12 A



Main

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|---|---------------------|
| Commercial Status | Commercialised |
| Range of product | Zelio Relay |
| Series name | Miniature |
| Product or component type | Plug-in relay |
| Device short name | RXM |
| Contacts type and composition | 2 C/O |
| Contacts operation | Standard |
| Control circuit voltage | 24 V DC |
| [the] conventional enclosed thermal current | 12 A at -40...55 °C |
| Status LED | Without |
| Control type | Pushbutton |
| Coil interference suppression | Without |
| Utilisation coefficient | 20 % |
| Sale per indivisible quantity | 10 |

Complementary

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| Shape of pin | Flat |
| [Ui] rated insulation voltage | 300 V conforming to UL 300 V conforming to CSA 250 V conforming to IEC |
| [Uimp] rated impulse withstand voltage | 4 kV 1.2/50 µs IEC 61000-4-5 |
| Contacts material | Silver alloy (Ag/Ni) |
| [Ie] rated operational current | 6 A (AC-1/DC-1) NC conforming to IEC 12 A (AC-1/DC-1) NO conforming to IEC 12 A (AC-1/DC-1) conforming to UL |
| Minimum switching current | 10 mA |
| Maximum switching voltage | 250 V DC 250 V AC conforming to IEC |
| Minimum switching voltage | 17 V |
| Resistive rated load | 12 A at 28 V DC 12 A at 250 V AC |
| Maximum switching capacity | 336 W, DC circuit 3000 VA, AC circuit |
| Minimum switching capacity | 170 mW |
| Operating rate | <= 18000 cycles/hour no-load <= 1200 cycles/hour under load |
| Mechanical durability | 10000000 cycles |
| Electrical durability | 100000 cycles for resistive load |
| Average consumption in W | 1.1 W, DC circuit |
| Drop-out voltage threshold | >= 0.1 U _c DC |
| Operating time | 20 ms between coil energisation and making of the On-delay contact 20 ms between coil de-energisation and making of the Off-delay contact |
| Average resistance | 650 Ohm, DC circuit at 20 °C +/- 10 % |
| Rated operational voltage limits | 19.2...26.4 V DC |
| Protection category | RT I |
| Operating position | Any position |

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| CAD overall width | 21 mm |
| CAD overall height | 27 mm |
| CAD overall depth | 55 mm |
| Product weight | 0.037 kg |

Environment

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| Dielectric strength | 2000 V AC (between poles) 2000 V AC (between coil and contact) 1300 V AC (between contacts) |
| Product certifications | CSA GOST Lloyds UL |
| Standards | EN/IEC 61810-1 UL 508 CSA C22.2 No 14 |
| Ambient air temperature for storage | -40...85 °C |
| Ambient air temperature for operation | -40...55 °C |
| Vibration resistance | 5 gn (f = 10...150 Hz), amplitude +/- 1 mm (on 10 cycles not operating) conforming to EN/IEC 60068-2-27 3 gn (f = 10...150 Hz), amplitude +/- 1 mm (on 10 cycles in operation) conforming to EN/IEC 60068-2-27 |
| IP degree of protection | IP40 conforming to EN/IEC 60529 |
| Shock resistance | 30 gn for 11 ms not operating conforming to EN/IEC 60068-2-27 10 gn for 11 ms in operation conforming to EN/IEC 60068-2-27 |

Contractual warranty

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| Period | 18 months |
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