

Product data sheet

Characteristics

RPM11FD

power plug-in relay - Zelio RPM - 1 C/O - 110 V DC - 15 A

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 4.50 USD



Main

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|---|------------------------------------|
| Commercial Status | Commercialised |
| Range of product | Zelio Relay |
| Series name | Power |
| Product or component type | Plug-in relay |
| Device short name | RPM |
| Contacts type and composition | 1 C/O |
| Contacts operation | Standard |
| Control circuit voltage | 110 V DC |
| [the] conventional enclosed thermal current | 15 A at -40...131 °F (-40...55 °C) |
| Status LED | Without |
| Control type | Push-button |
| Coil interference suppression | Without |
| Utilisation coefficient | 20 % |

Complementary

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| Shape of pin | Flat |
| [Ui] rated insulation voltage | 300 V conforming to UL 300 V conforming to EN/IEC 60947 300 V conforming to CSA 250 V conforming to IEC 250 V conforming to EN/IEC 60947 |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to IEC 61000-4-5 |
| Contacts material | Silver alloy (Ag/Ni) |
| [Ie] rated operational current | 7.5 A (DC-1) NC conforming to IEC 7.5 A (AC-1) NC conforming to IEC 15 A (DC-1) NO conforming to IEC 15 A (DC-1) conforming to UL 15 A (AC-1) NO conforming to IEC 15 A (AC-1) conforming to UL |
| Minimum switching current | 10 mA |
| Maximum switching voltage | 250 V DC conforming to IEC 250 V AC conforming to IEC |
| Minimum switching voltage | 17 V |
| Load current | 15 A at 28 V DC 15 A at 250 V AC |
| Maximum switching capacity | 420 W, DC circuit 3750 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 | 0.7 W, DC circuit |

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| 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 | 13100 Ohm, DC circuit at 20 °C +/- 10 % |
| Rated operational voltage limits | 88...121 V DC |
| Protection category | RT I |
| Operating position | Any position |
| Product weight | 0.06 lb(US) (0.026 kg) |

Environment

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|---------------------------------------|---|
| Dielectric strength | 1550 V AC (between poles) 1550 V AC (between coil and contact) 1500 V AC (between contacts) |
| Standards | EN/IEC 61810-1 UL 508 CSA C22.2 No 14 |
| Product certifications | CSA UL EAC |
| Ambient air temperature for storage | -40...185 °F (-40...85 °C) |
| Ambient air temperature for operation | -40...131 °F (-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 | 15 gn for 11 ms not operating conforming to EN/IEC 60068-2-27 15 gn for 11 ms in operation conforming to EN/IEC 60068-2-27 |

Ordering and shipping details

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|-----------------------|---|
| Category | 21127 - ZELIO ICE CUBE RELAYS |
| Discount Schedule | CP2 |
| GTIN | 00785901639657 |
| Nbr. of units in pkg. | 10 |
| Package weight(Lbs) | 0.05 |
| Product availability | Non-Stock - Not normally stocked in distribution facility |
| Returnability | N |
| Country of origin | CN |

Contractual warranty

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|--------|-----------|
| Period | 18 months |
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