



Price* : 10.10 USD



Main

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| Range of product | Zelio Relay |
| Series name | Universal |
| Product or component type | Plug-in relay |
| Device short name | RUM |
| Contacts type and composition | 2 C/O |
| Control circuit voltage | 12 V DC |
| [I _{th}] conventional enclosed thermal current | 10 A at -40...131 °F (-40...55 °C) |
| Status LED | Without |
| Control type | Lockable test button |
| Utilisation coefficient | 20 % |

Complementary

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| Shape of pin | Cylindrical |
| [U _i] rated insulation voltage | 250 V conforming to IEC 300 V conforming to UL 300 V conforming to CSA |
| [U _{imp}] rated impulse withstand voltage | 4 kV (1.2/50 µs) |
| Contacts material | AgNi |
| [I _e] rated operational current | 10 A at 28 V DC (NO) conforming to IEC 10 A at 250 V AC (NO) conforming to IEC 5 A at 28 V DC (NC) conforming to IEC 5 A at 250 V AC (NC) conforming to IEC 10 A at 30 V DC conforming to UL 10 A at 277 V AC conforming to UL 10 A at 277 V AC conforming to CSA 10 A at 30 V DC conforming to CSA |
| Maximum switching voltage | 250 V conforming to IEC |
| Load current | 10 A at 250 V AC |

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|----------------------------------|--|
| | 10 A at 28 V DC |
| Maximum switching capacity | 2500 VA/280 W |
| Minimum switching capacity | 170 mW at 10 mA, 17 V |
| Operating rate | <= 18000 cycles/hour no-load <= 1200 cycles/hour under load |
| Mechanical durability | 5000000 cycles |
| Electrical durability | 100000 cycles resistive load |
| Average consumption in W | 1.4 W |
| Drop-out voltage threshold | >= 0.1 U _c DC |
| Operating time | 20 ms at nominal voltage |
| Reset time | 20 ms at nominal voltage |
| Average resistance | 120 Ohm at 20 °C +/- 15 % |
| Rated operational voltage limits | 9.6...13.2 V DC |
| Protection category | RT I |
| Safety reliability data | B10d = 100000 |
| Operating position | Any position |
| Product weight | 0.19 lb(US) (0.086 kg) |
| Device presentation | Complete product |

Environment

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| Dielectric strength | 2000 V AC between poles with basic insulation 1500 V AC between contacts with micro disconnection insulation 2500 V AC between coil and contact with reinforced insulation |
| Product certifications | CSA RoHS UL REACH EAC |
| Standards | EN/IEC 61810-1 UL 508 CSA C22.2 No 14 |
| Ambient air temperature for storage | -40...185 °F (-40...85 °C) |
| Ambient air temperature for operation | -40...131 °F (-40...55 °C) |
| Vibration resistance | 3 gn (f = 10...150 Hz), amplitude +/- 1 mm (on 5 cycles in operation) 4 gn (f = 10...150 Hz), amplitude +/- 1 mm (on 5 cycles not operating) |
| IP degree of protection | IP40 |
| Pollution degree | 3 |
| Shock resistance | 10 gn 11 ms in operation conforming to EN/IEC 60068-2-27 10 gn 11 ms not operating 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 | 00785901352471 |
| Nbr. of units in pkg. | 10 |
| Package weight(Lbs) | 0.19 |
| Returnability | Y |
| Country of origin | CN |

Offer Sustainability

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|--------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1409 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |

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| Product environmental profile | Available |
| Product end of life instructions | Need no specific recycling operations |
