

Price** : 11.60 USD



⚠ Discontinued

Commercial status

Discontinued: 31 October 2014

End-of-service: 31 December 2014

Main

| | |
|--|---------------------------------|
| Range of product | Zelio Relay |
| Series name | Universal |
| Product or component type | Plug-in relay |
| Device short name | RUM |
| Contacts type and composition | 3 C/O |
| [Uc] control circuit voltage | 48 V DC |
| [Ithe] conventional enclosed thermal current | 10 A -40...131 °F (-40...55 °C) |
| Status LED | With |
| Control type | Without push-button |
| Utilisation coefficient | 20 % |

Complementary

| | |
|--|--|
| Shape of pin | Cylindrical |
| [Ui] rated insulation voltage | 250 V IEC 300 V CSA 300 V UL |
| [Uimp] rated impulse withstand voltage | 4 kV |
| Contacts material | AgNi |
| [Ie] rated operational current | 10 A AC-1/DC-1 (NO)IEC 12 A 28 V DC-1 UL 16 A 277 V AC-1 UL 5 A AC-1/DC-1 (NC)IEC |
| Minimum switching current | 10 mA |
| Maximum switching voltage | 250 V AC IEC 250 V DC IEC |
| Minimum switching voltage | 17 V |
| Resistive rated load | 10 A 250 V AC 10 A 28 V DC |
| Maximum switching capacity | 2500 VA AC 280 W DC |
| Minimum switching capacity | 170 mW |
| Operating rate | <= 18000 cycles/hour no-load <= 1200 cycles/hour under load |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|----------------------------------|--------------------------|
| Mechanical durability | 5000000 cycles |
| Electrical durability | 100000 cycles resistive |
| Average coil consumption in W | 1.4 W |
| Drop-out voltage threshold | >= 0.1 U _c DC |
| Operate time | 20 ms |
| Average coil resistance | 1800 Ohm 20 °C +/- 10 % |
| Rated operational voltage limits | 38.4...52.8 V DC |
| Protection category | RT I |
| Safety reliability data | B10d = 100000 |
| Operating position | Any position |
| Net weight | 0.19 lb(US) (0.088 kg) |

Environment

| | |
|---------------------------------------|---|
| Dielectric strength | 1500 V AC between contacts 1550 V AC between coil and contact 1550 V AC between poles |
| Product certifications | CSA GOST UL |
| Standards | UL 508 CSA C22.2 No 14 EN/IEC 61810-1 |
| 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 +/- 1 mm 10...150 Hz)10 cycles in operation EN/IEC 60068-2-27 4 gn +/- 1 mm 10...150 Hz)10 cycles not operating EN/IEC 60068-2-27 |
| IP degree of protection | IP40 EN/IEC 60529 |
| Shock resistance | 10 gn in operation 10 gn not operating |
| Pollution degree | 3 |

Ordering and shipping details

| | |
|---------------------|-----------------------------|
| Category | 21127-ZELIO ICE CUBE RELAYS |
| Discount Schedule | CP2 |
| GTIN | 00785901634850 |
| Package weight(Lbs) | 0.20 lb(US) (0.091 kg) |
| Returnability | No |
| Country of origin | CN |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

RUMC3AB3ED is replaced by:



Electromechanical relay RUMC33ED

universal plug-in relay - Zelio RUM - 3 C/O - 48 V DC - 10 A - with LED

Qty 1

Reason for Substitution: End of life | Substitution date: 01 January 2017