

Product data sheet

Specifications



universal plug-in relay - Harmony RUM - 2 C/O - 48 V DC - 10 A - with LED

RUMC2AB3ED

⚠ Discontinued on: Oct 31, 2014

⚠ End-of-service on: Dec 31, 2014

⚠ Discontinued

Main

| | |
|--|---------------------------------|
| Range of Product | Harmony Relay |
| Series name | Universal |
| Product or Component Type | Plug-in relay |
| Device short name | RUM |
| [Uc] control circuit voltage | 48 V DC |
| Contacts type and composition | 2 C/O |
| Status LED | With |
| Control Type | Lockable test button |
| [Ithe] conventional enclosed thermal current | 10 A -40...131 °F (-40...55 °C) |

Complementary

| | |
|--|--|
| [Uimp] rated impulse withstand voltage | 4 kV |
| minimum switching current | 10 mA |
| Minimum switching voltage | 17 V |
| Minimum switching capacity | 170 mW |
| Electrical durability | 100000 cycles resistive |
| Operating time | 20 ms |
| Rated operational voltage limits | 38.4...52.8 V DC |
| [UI] rated insulation voltage | 250 V IEC 300 V CSA 300 V UL |
| Maximum switching voltage | 250 V AC IEC 250 V DC IEC |
| Drop-out voltage threshold | $\geq 0.1 U_c$ DC |
| [Ie] rated operational current | 10 A AC-1/DC-1 (NO) conforming to IEC 12 A at 28 V DC-1 conforming to UL 16 A at 277 V AC-1 conforming to UL 5 A AC-1/DC-1 (NC) conforming to IEC |
| Average resistance | 1800 Ohm 20 °C +/- 10 % |
| Maximum switching capacity | 2500 VA AC 280 W DC |
| Mechanical durability | 5000000 cycles |
| Safety reliability data | B10d = 100000 |

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

| | |
|--------------------------------|---|
| Operating rate | <= 18000 cycles/hour no-load <= 1200 cycles/hour under load |
| Utilisation coefficient | 20 % |
| Compatibility code | RUM |
| Dielectric strength | 1500 V AC between contacts 1550 V AC between coil and contact 1550 V AC between poles |
| Protection category | RT I |
| Pollution degree | 3 |
| Operating position | Any position |
| Contacts material | AgNi |
| Shape of pin | Cylindrical |

Environment

| | |
|--|---|
| Ambient air temperature for operation | -40...131 °F (-40...55 °C) |
| IP degree of protection | IP40 conforming to EN/IEC 60529 |
| Standards | UL 508 EN/IEC 61810-1 CSA C22.2 No 14 |
| Product Certifications | GOST CSA UL |
| Ambient Air Temperature for Storage | -40...185 °F (-40...85 °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 |
| Shock resistance | 10 gn in operation 10 gn not operating |

Ordering and shipping details

| | |
|--------------------------|-----------------------------|
| Category | 21127-ZELIO ICE CUBE RELAYS |
| Discount Schedule | CP2 |
| GTIN | 00785901532774 |
| Returnability | No |
| Country of origin | CN |

Contractual warranty

| | |
|-----------------------------|----|
| Warranty (in months) | 18 |
|-----------------------------|----|



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer



Lifetime extension

Repair

No