

RUMC3AB1BD

universal plug-in relay - Zelio RUM - 3 C/O - 24 V DC
- 10 A



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 | 3 C/O |
| Control circuit voltage | 24 V DC |
| [Ithe] conventional enclosed thermal current | At -40...55 °C 10 A |
| Status LED | Without |
| Control type | Pushbutton |
| Utilisation coefficient | 20 % |

Complementary

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| Shape of pin | Cylindrical |
| [Ui] rated insulation voltage | 250 V conforming to IEC 300 V conforming to UL 300 V conforming to CSA |
| [Uimp] rated impulse withstand voltage | 4 kV |
| Contacts material | AgNi |
| [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 |
| Minimum switching current | 10 mA |
| Maximum switching voltage | 250 V AC conforming to IEC 250 V DC conforming to IEC |
| Minimum switching voltage | 17 V |
| Load current | 10 A at 250 V AC 10 A at 28 V DC |
| Maximum switching capacity | 2500 VA, AC circuit 280 W, DC circuit |
| Minimum switching capacity | 170 mW |
| Operating rate | <= 18000 cycles/hour no-load <= 1200 cycles/hour under load |
| Mechanical durability | 5000000 cycles |
| Electrical durability | 100000 cycles for resistive load |
| Average consumption in W | 1.4 W, DC circuit |
| Drop-out voltage threshold | >= 0.1 U _c |
| Operating time | 20 ms |
| Average resistance | 470 Ohm at 20 °C +/- 10 % |
| Rated operational voltage limits | 19.2...26.4 V DC |
| Pollution degree | 3 |
| Protection category | RT I |
| Operating position | Any position |
| Product weight | 0.088 kg |

Environment

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| Dielectric strength | 1500 V AC (between contacts) 1550 V AC (between coil and contact) 1550 V AC (between poles) |
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| Product certifications | CSA GOST 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 | 3 gn (f = 10...150 Hz), amplitude +/- 1 mm (on 10 cycles in operation) conforming to EN/IEC 60068-2-27 4 gn (f = 10...150 Hz), amplitude +/- 1 mm (on 10 cycles not operating) conforming to EN/IEC 60068-2-27 |
| IP degree of protection | IP40 conforming to EN/IEC 60529 |
| Shock resistance | 10 gn in operation 10 gn not operating |

Contractual warranty

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| Period | 18 months |
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