



Main

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| Range of product | Zelio Relay |
| Series name | Miniature |
| Status LED | With |
| Control type | Pushbutton |
| Control circuit voltage | 24 V DC |
| Contacts type and composition | 3 C/O |
| Contacts operation | Standard |
| Coil interference suppression | Without |
| [the] conventional enclosed thermal current | 10 A ≤ 55 °C |
| Load current | 10 A 250 V AC 10 A 28 V DC |
| Utilisation coefficient | 20 % |
| Sale per indivisible quantity | 10 |

Complementary

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| [Ui] rated insulation voltage | 250 V IEC 300 V UL 300 V CSA |
| [Uimp] rated impulse withstand voltage | 4 kV IEC 61000-4-5 |
| Contacts material | Silver alloy (Ag/Ni) |
| [Ie] rated operational current | 5 A NC AC-1/DC-1 IEC 10 A NO AC-1/DC-1 IEC 10 A AC-1/DC-1 UL |
| Minimum switching current | 10 mA |
| Maximum switching voltage | 250 V AC/DC |
| Minimum switching voltage | 17 V |
| Maximum switching capacity | 280 W DC 2500 VA AC |
| Minimum switching capacity | 170 mW |
| Operating rate | ≤ 20 cyc/mn under load ≤ 300 cyc/mn no-load |
| Mechanical durability | 10000000 cycles |
| Electrical durability | 100000 cycles resistive |
| Average consumption in W | 0,9 W DC |
| Average consumption in VA | 1,2 AC |
| Drop-out voltage threshold | ≥ 0.15 Uc AC ≥ 0.1 Uc DC |
| Operating time | 20 ms between coil de-energisation and making of the Off-delay contact AC/DC 20 ms between coil energisation and making of the On-delay contact AC/DC |
| Average resistance | 650 Ohm DC 20 °C +/- 10 % |
| Rated operational voltage limits | 19.2...26.4 V DC |
| Protection category | RT I |
| Operating position | Any position |
| Product weight | 0,037 kg |

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Environment

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| Dielectric strength | 1500 V AC between contacts 1550 V AC between coil and contact 1550 V AC between poles |
| Product certifications | CSA UL |
| Standards | CSA C22-2 No 14 EN/IEC 61810-1 (iss. 2) UL 508 |
| Ambient air temperature for storage | -40...85 °C |
| Ambient air temperature for operation | -40...55 °C |
| Vibration resistance | 3 gn +/- 1 mm 10...150 Hz opening EN/IEC 60068-2-27 5 gn +/- 1 mm 10...150 Hz closing EN/IEC 60068-2-27 |
| IP degree of protection | IP40 EN/IEC 60529 |
| Shock resistance | 15 gn closing EN/IEC 60068-2-27 15 gn opening EN/IEC 60068-2-27 |
| RoHS EUR conformity date | 0801 |
| RoHS EUR status | Compliant |