



Main

| | |
|--|----------------------|
| Range of product | Zelio Relay |
| Series name | Miniature |
| Product or component type | Plug-in relay |
| Device short name | RXM |
| Contacts type and composition | 4 C/O |
| Control circuit voltage | 48 V AC, 50/60 Hz |
| [I _{th}] conventional enclosed thermal current | 6 A at -40...55 °C |
| Status LED | Without |
| Control type | Lockable test button |
| Utilisation coefficient | 20 % |

Complementary

| | |
|---|---|
| Shape of pin | Flat |
| [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 | 2.5 kV for 1.2/50 μs |
| Contacts material | AgNi |
| [I _e] rated operational current | 3 A at 28 V DC (NC) conforming to IEC 3 A at 250 V AC (NC) conforming to IEC 6 A at 28 V DC (NO) conforming to IEC 6 A at 250 V AC (NO) conforming to IEC 6 A at 277 V AC conforming to UL 8 A at 30 V DC conforming to UL |
| Maximum switching voltage | 250 V conforming to IEC |
| Load current | 6 A at 250 V AC 6 A at 28 V DC |
| Maximum switching capacity | 1500 VA/168 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 | 10000000 cycles |
| Electrical durability | 100000 cycles for resistive load |
| Average consumption in VA | 1.2 at 60 Hz |
| Average consumption | 1.2 VA 60 Hz |
| Drop-out voltage threshold | >= 0.15 Uc |
| Operating time | 20 ms |
| Reset time | 20 ms |
| Average resistance | 710 Ohm at 20 °C +/- 15 % |
| Rated operational voltage limits | 38.4...52.8 V AC |
| Safety reliability data | B10d = 100000 |
| Protection category | RT I |
| Operating position | Any position |
| Product weight | 0.037 kg |

Environment

| | |
|---------------------------------------|--|
| Dielectric strength | 1300 V AC between contacts with micro disconnection insulation 2000 V AC between coil and contact with reinforced insulation 2000 V AC between poles with basic insulation |
| Product certifications | CSA CE REACH UL GOST RoHS Lloyd's |
| Standards | UL 508 EN/IEC 61810-1 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 5 cycles in operation) 5 gn (f = 10...150 Hz), amplitude +/- 1 mm (on 5 cycles not operating) |
| IP degree of protection | IP40 conforming to EN/IEC 60529 |
| Shock resistance | 10 gn in operation 30 gn not operating |
| Pollution degree | 2 |

Offer Sustainability

| | |
|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0801 - 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 |
| Product environmental profile | Available Product environmental |
| Product end of life instructions | Need no specific recycling operations |

Contractual warranty

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