



Main

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| Range of product | Zelio Relay |
| Series name | Interface relay |
| Product or component-type | Plug-in relay |
| Device short name | RXG |
| Contacts type and composition | 1 C/O |

Complementary

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| Status LED | With |
| Contacts material | Silver alloy (AgSnO ₂ In ₂ O ₃) |
| Contact resistance | 100 mOhm |
| [I _{th}] conventional enclosed thermal current | 10 A (temperature : -40...55 °C) |
| [I _e] rated operational current | 10 A at 30 V DC conforming to UL 10 A at 30 V DC conforming to IEC 10 A at 250 V AC conforming to IEC 10 A at 250 V AC conforming to UL |
| Maximum switching voltage | 250 V AC 30 V DC |
| Load current | 10 A at 250 V AC |
| Maximum switching capacity | 2500 VA |
| Minimum switching capacity | 500 mW at 100 mA, 5 V DC |
| Operating rate | <= 18000 cycles/hour no-load <= 1800 cycles/hour under load |
| Utilisation coefficient | 20 % |
| Mechanical durability | 10000000 cycles |
| Electrical durability | 100000 cycles for NO resistive load at 55 °C 100000 cycles for NC resistive load at 55 °C |
| [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 | 6 kV for 1.2/50 µs |
| Dielectric strength | 5000 V AC (reinforced insulation between coil and contact) 1000 V AC (micro disconnection between contacts) |
| Resistance | 23500 Ohm +/- 15 % |
| Insulation resistance | 1000 MOhm at 500 V DC |
| Mounting position | Any position |
| Average consumption | 0.82 VA at 60 Hz |
| Drop-out voltage threshold | >= 0.3 U _c AC |
| Control circuit voltage limits | 0.8...1.1 U _c , AC |
| Electrical insulation class | Class F |
| Operating time | 20 ms |
| Reset time | 20 ms |
| [U _c] control circuit voltage | 230 V AC |
| Safety reliability data | B10d = 100000 |
| Colour of cover | Standard |

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| Control type | Lockable test button |
| Local signalling | Flag |
| Product weight | 0.02 kg |
| Device presentation | Complete product |

Environment

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| Vibration resistance | 3 gn (f = 10...150 Hz), amplitude +/- 0.75 mm (in operation) 5 gn (f = 10...150 Hz), amplitude +/- 0.75 mm (not in operation) |
| IP degree of protection | IP40 |
| Shock resistance | 20 gn in operation 100 gn not in operation |
| Protection category | RT I |
| Standards | UL 508 CSA C22.2 No 14 IEC 61810-1 |
| Product certifications | CE CSA RoHS UL REACH EAC China RoHS |
| Pollution degree | 2 |
| Overvoltage category | III |
| Ambient air temperature for storage | -40...85 °C |
| Ambient air temperature for operation | -40...70 °C |
| Relative humidity | 10...85 % |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1426 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Need no specific recycling operations |

Contractual warranty

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|-----------------|-----------|
| Warranty period | 18 months |
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Product Life Status : **Commercialised**