



Main

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| Range of product | Zelio Relay |
| Series name | Interface relay |
| Product or component type | Plug-in relay |
| Device short name | RSL |
| Contacts type and composition | 1 C/O |
| Contacts operation | Standard |
| Control circuit voltage | 24 V DC |
| [Ithe] conventional enclosed thermal current | 6 A at -40...55 °C |
| Status LED | With |
| Shape of pin | Flat (PCB type) |
| Sale per indivisible quantity | 10 |

Complementary

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| Fixing mode | Plastic compression spring |
| Average resistance | 3390 Ohm (DC) at 23 °C +/- 10 % |
| [Ui] rated insulation voltage | 277 V conforming to cUL 250 V conforming to EN/IEC |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC |
| Contacts material | Silver alloy (AgSnO2) |
| [Ie] rated operational current | 6 A 1 C/O (AC-1/DC-1) conforming to IEC/UL |
| Minimum switching current | 100 mA |
| Maximum switching voltage | 277 V |
| Switching voltage | 12 V |
| Maximum switching capacity | 1500 VA 150 W |
| Minimum switching capacity | 120 mW |
| Operating rate | <= 72000 cycles/hour no-load |

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| | <= 360 cycles/hour under load |
| Mechanical durability | <= 10000000 cycles |
| Electrical durability | 60000 cycles for resistive load (6 A at 250 V, AC-1) |
| Operating time | 5 ms 12 ms reset |
| Marking | CE |
| Protection category | RT III |
| Operating position | Any position |
| Height | 78.6 mm |
| Width | 6.2 mm |
| Depth | 101 mm |
| Terminals description ISO n°1 | (11-12-14)OC (A1-A2)CO |
| Product weight | 0.029 kg |
| Load current | 6 A at 250 V AC for 0.5 mm mounting distance |
| Average consumption in W | 0.17 W DC |
| Drop-out voltage threshold | >= 0.05 Uc |
| Contact terminal arrangement | Separate |
| Connections - terminals | Spring terminals (1 x 0.2...1 x 1.5 mm ² / AWG 24...AWG 16) flexible cable with cable end Spring terminals (1 x 0.2...1 x 1.5 mm ² / AWG 24...AWG 16) solid cable without cable end |
| Tightening torque | 10...40 N.m |
| Safety reliability data | B10d = 60000 |
| Clamping force | 10...40 N |

Environment

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| Input voltage | 24 V AC/DC (input voltage limit: 21.6...28.8 V) |
| Dielectric strength | 1000 V AC (between contacts) 4000 V AC (between coil and contact) |
| Standards | EN/IEC 61810-1 UL 508 CSA C22.2 No 14 |
| Product certifications | CSA GOST UL |
| Ambient air temperature for storage | -40...85 °C |
| Vibration resistance | 5 gn +/- 1 mm (f = 10...150 Hz) 10 cycles in operation conforming to EN/IEC 60068-2-6 10 gn +/- 1 mm (f = 10...150 Hz) 10 cycles not operating conforming to EN/IEC 60068-2-6 |
| IP degree of protection | IP40 conforming to EN/IEC 60529 |
| Shock resistance | 5 gn for 11 ms not operating conforming to EN/IEC 60068-2-27 10 gn for 11 ms in operation conforming to EN/IEC 60068-2-27 |
| Ambient air temperature for operation | -40...55 °C |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1417 - 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 | Available End of life manual |

Contractual warranty

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| Warranty period | 18 months |
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Dimensions

