



Main

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| Range of product | Zelio Relay |
| Product or component type | Plug-in relay |
| Device short name | RHK |
| Contacts type and composition | 4 C/O |
| Contacts operation | Latching Standard |
| Control circuit voltage | 48 V AC, 50 Hz |
| [the] conventional enclosed thermal current | 5 A at $\leq 40\text{ }^{\circ}\text{C}$ |
| Status LED | Without |
| Control type | Manual control |
| Coil interference suppression | Without |

Complementary

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|--------------------------------|---|
| [Ui] rated insulation voltage | 250 V |
| Operating position | Any position |
| Minimum switching capacity | 150 mVA / 1 V 150 mVA at 10 mA |
| Contact bounce time | $\leq 10\text{ ms}$ |
| Voltage drop | $\leq 100\text{ V}$ for 3 A at 24 V |
| Average resistance | 30 mOhm at 20 °C |
| Switching time | 0.5...6 ms for de-energisation/energisation 1...3 ms for energisation/de-energisation |
| Average consumption in VA | 3.5 (holding) on coil 1 2.5 (inrush) on coil 2 1.3 (holding) on coil 2 6 (inrush) on coil 1 |
| Control circuit voltage limits | 0.8...1.1 U_c conforming to IEC 60255 |
| Drop-out voltage threshold | 0.15...0.5 U_c |
| Cos phi | 0.7 (holding) 0.6 (inrush) |
| Mechanical durability | 10000000 cycles |
| Operating rate | $\leq 2\text{ cyc/mn}$ |
| Operating time | 8...16 ms between energisation of trip coil and closing of NC contact at 20 °C 5...17 ms between energisation of coil and closing of NO contact at 20 °C |
| Minimum pulse duration | $\geq 50\text{ ms}$ |
| CAD overall width | 33 mm |
| CAD overall height | 43 mm |
| CAD overall depth | 90 mm |
| Terminals description ISO n°1 | (11-12-14)OC (21-22-24)OC (31-32-34)OC (41-42-44)OC (A1-A2)CO (B1-B2)CO |
| Product weight | 0.14 kg |

Environment

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|---------------------------------------|--|
| Standards | BS 4794 IEC 255 NF C 45-250 VDE 0435 |
| Product certifications | ASE BV CSA EDF UR USSR |
| Protective treatment | TC |
| Dielectric strength | 2500 V |
| Ambient air temperature for operation | -5...40 °C conforming to IEC 60255 |
| Ambient air temperature for storage | -40...70 °C |
| Vibration resistance | 6 gn (f = 10...55 Hz) conforming to NF C 20-616 6 gn (f = 10...55 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 30 gn for 11 ms conforming to NF C 20-608 |