



Main

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| Range of product | RelayAux |
| Product or component type | Trip circuit supervision relay |
| Network number of phases | 3 phases |
| [Uc] control circuit voltage | 220 V DC (- 25 % + 10 % Un) |
| Status LED | With |
| Local signalling | LED |

Complementary

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| Contacts type and composition | 2 C/O |
| Insulation resistance measurements | > 100 MOhm at 500 V DC conforming to IEC 60255-5 |
| [Uimp] rated impulse withstand voltage | 5 kV during 1.2/50 µs conforming to IEC 60255-5 |
| Contacts material | AgNi |
| Permanent current | 8 A |
| Instantaneous current | 15 A: instantaneous 15 A during 4 s |
| Maximum making capacity | 15 A during 4 s |
| Mechanical durability | 10000000 cycles |
| Consumption in permanence (Un) | 1.6 W |
| Drop-out time | 500 ms |
| Maximum contact resistance | 30 mOhm |
| Mechanical robustness | Shocks 11 ms (5 gn) conforming to IEC 60068-2-27 Bumps 16 ms (10 Gn) conforming to IEC 60068-2-29 |
| Height | 50.5 mm |
| Width | 82.5 mm |
| Depth | 96.6 mm |
| Net weight | 0.163 kg |

Environment

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| Dielectric strength | 2 kV 50 Hz 1 min conforming to IEC 60255-5 |
| Electromagnetic compatibility | Conducted and radiated emissions criteria A conforming to EN 55022 Conducted and radiated emissions criteria B conforming to EN 55022 Electrostatic discharge - test level: 15 kV level 4 (air discharge) conforming to IEC 61000-4-2 |

Electrostatic discharge - test level: 8 kV level 4 (contact discharge) conforming to IEC 61000-4-2
 Radiated radio-frequency electromagnetic field immunity test - test level: 10 V/m, 80 MHz...1 GHz level 3 conforming to IEC 61000-4-3
 Radiated radio-frequency electromagnetic field immunity test - test level: 10 V/m, 80 MHz...1 GHz level 3 conforming to ENV 50204
 Electrical fast transient/burst immunity test - test level: 4 kV, 5 kHz level 4 (1 min) conforming to IEC 61000-4-4
 Surge immunity test - test level: 2 kV level 3 (common mode) conforming to IEC 61000-4-5
 Surge immunity test - test level: 1 kV level 3 (differential mode) conforming to IEC 61000-4-5
 Conducted RF disturbances - test level: 10 V, 0.15...80 MHz level 3 conforming to IEC 61000-4-6
 Magnetic field at power frequency - test level: 100 A/m level 5 (continuous) conforming to IEC 61000-4-8
 Magnetic field at power frequency - test level: 1000 A/m level 5 (2 s) conforming to IEC 61000-4-8
 Damped oscillating waves - test level: 2.5 kV, 1 MHz level 3 (common mode) conforming to IEC 60255-22-1
 Damped oscillating waves - test level: 1 kV, 1 MHz level 3 (differential mode) conforming to IEC 60255-22-1

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| Environmental characteristic | Exposure to cold in operation conforming to IEC 60068-2-1 Exposure to cold in storage conforming to IEC 60068-2-1 Continuous exposure to damp heat in storage 56 d (93 %) conforming to 40 °C conforming to IEC 60068-2-78 Salt mist in storage conforming to ISO 9227 Exposure to dry heat in operation conforming to IEC 60068-2-2 Exposure to dry heat in storage conforming to IEC 60068-2-2 |
| Vibration resistance | 1 gn (f = 58...150 Hz) conforming to IEC 60068-2-1 +/- 0.075 mm (f = 10...58 Hz) conforming to IEC 60068-2-1 |
| IP degree of protection | IP40 conforming to IEC 60529 |
| Ambient air temperature for operation | -25...55 °C |
| Ambient air temperature for storage | -25...70 °C |
| Fire resistance | 850 °C during 30 s |
| Operating altitude | < 2000 m |
| Directives | 72/23/EEC - low voltage directive 92/31/EEC - electromagnetic compatibility 89/336/EEC - electromagnetic compatibility 93/68/EEC - low voltage directive |
| Product certifications | UL listed file E322124 CE RoHS |