



Main

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| Range of product | TeSys K TeSys K control relay |
| Range | TeSys |
| Device short name | LA1 |
| Product or component type | Auxiliary contact block |
| Auxiliary contacts operation | Instantaneous |
| Pole contact composition | 3 NO + 1 NC |
| Connections - terminals | Screw clamp terminals 1 cable 0.34...1.5 mm ² - cable stiffness: flexible - with cable end Screw clamp terminals 2 cable 0.34...1.5 mm ² - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable 0.75...4 mm ² - cable stiffness: flexible - without cable end Screw clamp terminals 2 cable 0.75...4 mm ² - cable stiffness: flexible - without cable end Screw clamp terminals 1 cable 1.5...4 mm ² - cable stiffness: solid Screw clamp terminals 2 cable 1.5...4 mm ² - cable stiffness: solid |

Complementary

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|---|---|
| Mounting location | Front |
| [Ui] rated insulation voltage | 600 V - for control circuit - conforming to CSA C22.2 690 V - for control circuit - conforming to BS 5424 690 V - for control circuit - conforming to IEC 60947 750 V - for control circuit - conforming to VDE 0010 group C |
| [Ue] rated operational voltage | <= 690 V AC <= 400 Hz |
| [Ith] conventional free air thermal current | 10 A at <= 50 °C |
| Irms rated making capacity | 110 A at <= 690 V AC conforming to IEC 60947 |
| Permissible short-time rating | 80 A 1 s 60 A 500 ms 110 A 100 ms |
| Associated fuse rating | 10 A gG <= 690 V IEC 60947 10 A gG <= 690 V VDE 0660 |
| Minimum switching current | 5 mA |
| Minimum switching voltage | 17 V |
| Non overlap distance | 0.5 mm |
| Insulation resistance | > 10 MOhm for control circuit |
| Tightening torque | 1.3 N.m - on screw clamp terminals - with screwdriver Philips No 2 |
| Depth | 35 mm |

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|----------------|----------|
| Product weight | 0.045 kg |
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Environment

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|---------------------------------------|---|
| Environmental characteristic | Normal environment |
| Standards | BS 5424 IEC 60947 VDE 0660 NF C 63-110 |
| Product certifications | CSA UL |
| IP degree of protection | IP2x conforming to VDE 0106 |
| Protective treatment | TC conforming to IEC 60068 |
| Ambient air temperature for operation | -25...50 °C |
| Ambient air temperature for storage | -50...80 °C |
| Operating altitude | 2000 m without derating in temperature |

Contractual warranty

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| Warranty period | 18 months |
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