



Main

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|---|---|
| Range | TeSys |
| Range of product | TeSys K TeSys K control relay |
| Device short name | LA1 |
| Product or component type | Auxiliary contact block |
| Mounting location | Front |
| Pole contact composition | 4 NC |
| Contacts operation | Instantaneous |
| [Ue] rated operational voltage | ≤ 690 V AC ≤ 400 Hz |
| [Ui] rated insulation voltage | 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 600 V - for control circuit conforming to CSA C22.2 |
| [Ith] conventional free air thermal current | 10 A (at 50 °C) |
| Standards | VDE 0660 IEC 60947 NF C 63-110 BS 5424 |
| Product certifications | CSA UL |

Complementary

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| 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 at ≤ 690 V conforming to IEC 60947 10 A gG at ≤ 690 V conforming to 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 |
| Connections - terminals | Screw clamp terminals 1 cable(s) 0.34...1.5 mm ² flexible with cable end |

Screw clamp terminals 1 cable(s) 0.75...4 mm²flexible without cable end
 Screw clamp terminals 1 cable(s) 1.5...4 mm²solid
 Screw clamp terminals 2 cable(s) 0.34...1.5 mm²flexible with cable end
 Screw clamp terminals 2 cable(s) 0.75...4 mm²flexible without cable end
 Screw clamp terminals 2 cable(s) 1.5...4 mm²solid

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|-------------------|--|
| Tightening torque | 1.3 N.m - on screw clamp terminals - with screwdriver Philips No 2 |
| Depth | 35 mm |
| Net weight | 0.045 kg |

Environment

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|---------------------------------------|-----------------------------|
| Environmental characteristic | Normal environment |
| IP degree of protection | IP2x conforming to VDE 0106 |
| Protective treatment | TC conforming to IEC 60068 |
| Ambient air temperature for storage | -50...80 °C |
| Ambient air temperature for operation | -25...50 °C |
| Operating altitude | 2000 m without derating |

Packing Units

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| Package 1 Weight | 0.040 kg |
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Offer Sustainability

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| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope) |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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| Warranty | 18 months |
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