



Main

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|------------------------------|--|
| Range | TeSys |
| Device short name | LA1 |
| Product or component type | Auxiliary contact block |
| Auxiliary contacts operation | Instantaneous |
| Pole contact composition | 2 NC |
| Connections - terminals | Screw clamp terminals 2 cable 1...2.5 mm ² - cable stiffness: solid - without cable end Screw clamp terminals 2 cable 1...2.5 mm ² - cable stiffness: solid - with cable end Screw clamp terminals 1 cable 1...2.5 mm ² - cable stiffness: solid - without cable end Screw clamp terminals 1 cable 1...2.5 mm ² - cable stiffness: solid - with cable end Screw clamp terminals 2 cable 1...2.5 mm ² - cable stiffness: flexible - without cable end Screw clamp terminals 2 cable 1...2.5 mm ² - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable 1...2.5 mm ² - cable stiffness: flexible - without cable end Screw clamp terminals 1 cable 1...2.5 mm ² - cable stiffness: flexible - with cable end |

Complementary

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|---|---|
| Mounting location | Side |
| [Ui] rated insulation voltage | 600 V - certifications CSA 690 V - conforming to IEC 60947-5-1 600 V - certifications UL |
| [Ue] rated operational voltage | 690 V AC 25...400 Hz |
| [Ith] conventional free air thermal current | 10 A at ≤ 60 °C |
| Irms rated making capacity | 250 A DC conforming to IEC 60947-5-1 140 A AC conforming to IEC 60947-5-1 |
| Permissible short-time rating | 140 A 100 ms 120 A 500 ms 100 A 1 s |
| Protection type | GG fuse ≤ 10 A rating according to operational current for Ue ≤ 690 V |
| Associated fuse rating | 10 A gG IEC 60947-5-1 |
| Mechanical durability | 3 Mcycles |
| Minimum switching current | 5 mA |
| Minimum switching voltage | 17 V |
| Non-overlap time | 1.5 ms on energisation (no overlap between NC and NO contact) 1.5 ms on de-energisation (no overlap between NC and NO contact) |
| Overlap time | 1.5 ms |
| Insulation resistance | > 10 MOhm |
| Width | 12.5 mm |

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Environment

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|---------------------------------------|---|
| Environmental characteristic | Normal environment |
| Standards | BS 4794 EN 60947-5-1 IEC 60947-5-1 NF C 63-140 VDE 0660 |
| Product certifications | CSA UL |
| IP degree of protection | IP2x conforming to VDE 0660 |
| Protective treatment | TH conforming to IEC 60068 |
| Ambient air temperature for operation | -5...60 °C |
| Ambient air temperature for storage | -60...80 °C |
| Operating altitude | 3000 m without derating in temperature |