

LAEN20

auxiliary contact block TeSys - 2 NO - screw-clamps terminals

Main

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| Range of product | TeSys E |
| Product or component type | Auxiliary contact block |
| Product compatibility | TeSys E contactor |
| Mounting location | Front side |
| Pole contact composition | 2 NO |

Complementary

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| [Ui] rated insulation voltage | 690 V for control circuit conforming to IEC 60947-5-1 |
| Connections - terminals | Control circuit: screw clamp terminals - 2 solid or flexible cable(s) 2.5 mm ² Ø6 mm without cable end Control circuit: screw clamp terminals - 2 solid or flexible cable(s) 2.5 mm ² Ø6 mm with cable end Control circuit: screw clamp terminals - 1 solid or flexible cable(s) 1 mm ² Ø6 mm without cable end Control circuit: screw clamp terminals - 1 solid or flexible cable(s) 1 mm ² Ø6 mm with cable end |
| [Ith] conventional free air thermal current | 8 A at ≤ 60 °C |
| Irms rated making capacity | 140 A 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 conforming to VDE 0660 GG fuse ≤ 10 A conforming to IEC 60947-5-1 |
| Mechanical durability | 10000000 cycles |
| Non-overlap time | 1.5 ms on de-energisation (no overlap between NC and NO contact) 1.5 ms on energisation (no overlap between NC and NO contact) |

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| Rated operational power in VA | 80 VA at 440 V - AC-15 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 70 VA at 400 V - AC-15 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 40 VA at 230 V - AC-15 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 20 VA at 115 V - AC-15 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 8 VA at 48 V - AC-15 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 4 VA at 24 V - AC-15 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 300 VA at 440 V - AC-15 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 280 VA at 400 V - AC-15 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 160 VA at 230 V - AC-15 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 80 VA at 115 V - AC-15 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 32 VA at 48 V - AC-15 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 16 VA at 24 V - AC-15 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 1050 VA at 440 V - AC-15 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 960 VA at 400 V - AC-15 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 560 VA at 230 V - AC-15 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 280 VA at 115 V - AC-15 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 120 VA at 48 V - AC-15 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 60 VA at 24 V - AC-15 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 80 VA at 440 V - AC-14 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 70 VA at 400 V - AC-14 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 40 VA at 230 V - AC-14 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 20 VA at 115 V - AC-14 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 8 VA at 48 V - AC-14 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 4 VA at 24 V - AC-14 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 300 VA at 440 V - AC-14 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 280 VA at 400 V - AC-14 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 160 VA at 230 V - AC-14 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 80 VA at 115 V - AC-14 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 32 VA at 48 V - AC-14 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 16 VA at 24 V - AC-14 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 1050 VA at 440 V - AC-14 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 960 VA at 400 V - AC-14 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 560 VA at 230 V - AC-14 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 280 VA at 115 V - AC-14 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 120 VA at 48 V - AC-14 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 60 VA at 24 V - AC-14 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 |
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| Terminals description ISO n°1 | (53-54)NO (63-64)NO |
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| Product weight | 0.035 kg |
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Environment

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| Standards | IEC 60947-5-1 |
| Product certifications | GOST |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Protective treatment | TH conforming to IEC 60068 |
| Ambient air temperature for operation | -5...55 °C |
| Ambient air temperature for storage | -60...80 °C |

Offer Sustainability

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| Sustainable offer status | Not Green Premium product |
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Contractual warranty

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| Period | 18 months |
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