



Product availability: Non-Stock - Not normally stocked in distribution facility



Main

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|--------------------------------|------------------------------------|
| Range of product | TeSys K |
| Range | TeSys |
| Product or component type | Contacteur |
| Device short name | LP4K |
| Contacteur application | Motor control |
| Utilisation category | AC-3 AC-4 |
| Poles description | 3P |
| Pole contact composition | 3 NO |
| [Ie] rated operational current | 6 A <= 440 V AC AC-3 power circuit |
| Auxiliary contact composition | 1 NC |

Complementary

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|---|---|
| Coil technology | Built-in bidirectional peak limiting diode suppressor |
| Auxiliary contacts type | Instantaneous 1 NC |
| Control circuit voltage limits | Operational 0.7...1.30 U _c 122 °F (50 °C)) Drop-out 0.1...0.7 U _c 122 °F (50 °C)) |
| [Ui] rated insulation voltage | Power circuit 600 V UL 508 Power circuit 690 V IEC 60947-4-1 Signalling circuit 690 V IEC 60947-4-1 Signalling circuit 690 V IEC 60947-5-1 Signalling circuit 600 V UL 508 Power circuit 600 V CSA C22.2 No 14 Signalling circuit 600 V CSA C22.2 No 14 |
| [Uimp] rated impulse withstand voltage | 8 kV |
| Overtoltage category | III |
| Mounting support | Printed circuit boards |
| Flame retardance | V1 UL 94 Requirement 2 NF F 16-101 Requirement 2 NF F 16-102 |
| [Ue] rated operational voltage | Power circuit 690 V AC 50/60 Hz Signalling circuit <= 690 V AC 50/60 Hz |
| [Ith] conventional free air thermal current | 20 A 122 °F (50 °C) power circuit 10 A 122 °F (50 °C) signalling circuit |
| Irms rated making capacity | 110 A AC power circuit NF C 63-110 110 A AC power circuit IEC 60947 110 A AC signalling circuit IEC 60947 |
| Rated breaking capacity | 110 A 415 V IEC 60947 110 A 440 V IEC 60947 80 A 500 V IEC 60947 110 A 220...230 V IEC 60947 110 A 380...400 V IEC 60947 70 A 660...690 V IEC 60947 |
| Associated fuse rating | 25 A gG <= 440 V power circuit 25 A aM power circuit 10 A gG signalling circuit IEC 60947 10 A gG signalling circuit VDE 0660 |
| Average impedance | 3 mOhm - Ith 20 A 50 Hz power circuit |
| Inrush power in W | 1.8 W 68 °F (20 °C)) |

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| Hold-in power consumption in W | 1.8 W 68 °F (20 °C) |
| Operating time | 10...20 ms coil de-energisation and NO opening 30...40 ms coil energisation and NO closing |
| Safety reliability level | B10d = 1369863 cycles contactor with nominal load EN/ISO 13849-1 B10d = 2000000 cycles contactor with mechanical load EN/ISO 13849-1 |
| Mechanical durability | 30 Mcycles |
| Maximum operating rate | 3600 cyc/h |
| Minimum switching current | 5 mA signalling circuit |
| Minimum switching voltage | 17 V signalling circuit |
| Insulation resistance | > 10 MOhm signalling circuit |
| Height | 2.28 in (58 mm) |
| Width | 1.77 in (45 mm) |
| Depth | 2.24 in (57 mm) |
| Product weight | 0.52 lb(US) (0.235 kg) |

Environment

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|---------------------------------------|-----------------------------|
| Product certifications | CSA UL |
| Ambient air temperature for operation | -13...122 °F (-25...50 °C) |
| Ambient air temperature for storage | -58...176 °F (-50...80 °C) |
| Operating altitude | 6561.68 ft (2000 m) without |

Ordering and shipping details

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|---------------------|-----------------------------------|
| Category | 22321 - CTR,K-LINE,DC,OPEN,NONREV |
| Discount Schedule | I12 |
| GTIN | 03389110498097 |
| Package weight(Lbs) | 0.25 kg (0.55 lb(US)) |
| Returnability | No |
| Country of origin | FR |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide which is known to the State of California to cause Carcinogen harm. For more information go to www.p65warnings.ca.gov |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| 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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