



Price* : 92.00 USD



Main

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|--------------------------------|---|
| Range of product | TeSys K |
| Range | TeSys |
| Product or component type | Contactor |
| Device short name | LP1K |
| Contactor application | Resistive load |
| Utilisation category | AC-1 |
| Poles description | 4P |
| Pole contact composition | 4 NO |
| [Ie] rated operational current | 20 A 122 °F (50 °C) \leq 440 V AC AC-1 power circuit 16 A 158 °F (70 °C) 690 V AC AC-1 power circuit |

Complementary

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| Control circuit voltage limits | Operational 0.8...1.15 U _c 122 °F (50 °C) Drop-out 0.1...0.75 U _c 122 °F (50 °C) |
| [Ui] rated insulation voltage | Power circuit 600 V UL 508 Power circuit 690 V IEC 60947-4-1 Power circuit 600 V CSA C22.2 No 14 |
| [Uimp] rated impulse withstand voltage | 8 kV |
| Overvoltage category | III |
| Mounting support | Rail Plate |
| Flame retardance | V1 conforming to UL 94 Requirement 2 conforming to NF F 16-101 Requirement 2 conforming to NF F 16-102 |
| Tightening torque | 11.51 lbf.in (1.3 N.m) screw clamp terminals Philips No 2 11.51 lbf.in (1.3 N.m) screw clamp terminals flat \varnothing 6 mm |
| [Ue] rated operational voltage | Power circuit 690 V AC 50/60 Hz |

* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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| [Ith] conventional free air thermal current | 20 A 122 °F (50 °C) power circuit |
| Irms rated making capacity | 110 A AC power circuit NF C 63-110 110 A AC power 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 |
| Average impedance | 3 mOhm - Ith 20 A 50 Hz power circuit |
| Inrush power in W | 3 W 68 °F (20 °C)) |
| Hold-in power consumption in W | 3 W 68 °F (20 °C) |
| Operating time | 30...40 ms coil energisation and NO closing 10 ms coil de-energisation and NO opening |
| Safety reliability level | B10d = 1369863 cycles contactor with nominal load EN/ISO 13849-1 B10d = 20000000 cycles contactor with mechanical load EN/ISO 13849-1 |
| Mechanical durability | 10 Mcycles |
| Maximum operating rate | 3600 cyc/h |
| Height | 2.28 in (58 mm) |
| Width | 1.77 in (45 mm) |
| Depth | 2.24 in (57 mm) |
| Net Weight | 0.50 lb(US) (0.225 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 derating |

Ordering and shipping details

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|-----------------------|-----------------------------------|
| Category | 22321 - CTR,K-LINE,DC,OPEN,NONREV |
| Discount Schedule | I12 |
| GTIN | 03389110495195 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 7.80 oz (221 g) |
| Returnability | Yes |
| Country of origin | FR |

Packing Units

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|------------------------------|------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 1.89 in (4.8 cm) |
| Package 1 width | 2.44 in (6.2 cm) |
| Package 1 Length | 2.56 in (6.5 cm) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 40 |
| Package 2 Weight | 20.59 lb(US) (9.34 kg) |
| Package 2 Height | 5.91 in (15 cm) |
| Package 2 width | 11.81 in (30 cm) |
| Package 2 Length | 15.75 in (40 cm) |

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 cancer. For more information go to www.P65Warnings.ca.gov |
| 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) |
| 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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