

# LP4K09008SW3

TeSys K contactor - 4P (2 NO + 2 NC) - AC-1 <= 440 V 20 A - 72 V DC coil

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



Price\* : 116.00 USD



## Main

|                                |                                                                                                         |
|--------------------------------|---------------------------------------------------------------------------------------------------------|
| Range of product               | TeSys K                                                                                                 |
| Range                          | TeSys                                                                                                   |
| Product or component type      | Contactor                                                                                               |
| Device short name              | LP4K                                                                                                    |
| Contactor application          | Resistive load                                                                                          |
| Utilisation category           | AC-1                                                                                                    |
| Poles description              | 4P                                                                                                      |
| Pole contact composition       | 2 NO + 2 NC                                                                                             |
| [Ie] rated operational current | 20 A 122 °F (50 °C)) <= 440 V AC AC-1 power circuit<br>16 A 158 °F (70 °C)) 690 V AC AC-1 power circuit |

## Complementary

|                                        |                                                                                                                       |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Coil technology                        | Built-in bidirectional peak limiting diode suppressor                                                                 |
| Control circuit voltage limits         | Operational 0.7...1.30 Uc 122 °F (50 °C))<br>Drop-out 0.1...0.7 Uc 122 °F (50 °C))                                    |
| [Ui] rated insulation voltage          | Power circuit 600 V UL 508<br>Power circuit 690 V IEC 60947-4-1<br>Power circuit 600 V CSA C22.2 No 14                |
| [Uimp] rated impulse withstand voltage | 8 kV                                                                                                                  |
| Overvoltage category                   | III                                                                                                                   |
| Mounting support                       | Rail<br>Plate                                                                                                         |
| Flame retardance                       | V1 conforming to UL 94<br>Requirement 2 conforming to NF F 16-101<br>Requirement 2 conforming to NF F 16-102          |
| Tightening torque                      | 11.51 lbf.in (1.3 N.m) screw clamp terminals Philips No 2<br>11.51 lbf.in (1.3 N.m) screw clamp terminals flat Ø 6 mm |

\* 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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|                                             |                                                                                                                                                                                                |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ue] rated operational voltage              | Power circuit 690 V AC 50/60 Hz                                                                                                                                                                |
| [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<br>110 A AC power circuit IEC 60947                                                                                                                         |
| Rated breaking capacity                     | 110 A 415 V IEC 60947<br>110 A 440 V IEC 60947<br>80 A 500 V IEC 60947<br>110 A 220...230 V IEC 60947<br>110 A 380...400 V IEC 60947<br>70 A 660...690 V IEC 60947                             |
| Associated fuse rating                      | 25 A gG <= 440 V power circuit<br>25 A aM power circuit                                                                                                                                        |
| Average impedance                           | 3 mOhm - Ith 20 A 50 Hz power circuit                                                                                                                                                          |
| Inrush power in W                           | 1.8 W 68 °F (20 °C))                                                                                                                                                                           |
| Hold-in power consumption in W              | 1.8 W 68 °F (20 °C)                                                                                                                                                                            |
| Operating time                              | 10...20 ms coil de-energisation and NO opening<br>30...40 ms coil energisation and NO closing<br>25...35 ms coil energisation and NC opening<br>15...25 ms coil de-energisation and NC closing |
| Safety reliability level                    | B10d = 1369863 cycles contactor with nominal load EN/ISO 13849-1<br>B10d = 20000000 cycles contactor with mechanical load EN/ISO 13849-1                                                       |
| Mechanical durability                       | 30 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                                  | 0.52 lb(US) (0.235 kg)                                                                                                                                                                         |

## Environment

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| Product certifications                | UL<br>CSA                            |
| 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

|                       |                                   |
|-----------------------|-----------------------------------|
| Category              | 22321 - CTR,K-LINE,DC,OPEN,NONREV |
| Discount Schedule     | I12                               |
| GTIN                  | 03389110499377                    |
| Nbr. of units in pkg. | 1                                 |
| Package weight(Lbs)   | 8.29 oz (235 g)                   |
| Returnability         | No                                |
| Country of origin     | FR                                |

## Packing Units

|                        |                  |
|------------------------|------------------|
| 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       | 2.60 in (6.6 cm) |

## Offer Sustainability

|                           |                                                                                                                                                                                                                                                           |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

|                            |                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------|
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                            |
| REACH free of SVHC         | Yes                                                                                                                          |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                             |
| Toxic heavy metal free     | Yes                                                                                                                          |
| Mercury free               | Yes                                                                                                                          |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                          |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                  |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                |
| Circularity Profile        | <a href="#">End of Life Information</a>                                                                                      |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

### Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|