

# Product data sheet

Specifications



## Auxiliary contact block, TeSys K, 2NO, front mounting, screw clamp terminals

LA1KN20

Product availability : Stock - Normally stocked in distribution facility

### Main

|                                             |                                                                            |
|---------------------------------------------|----------------------------------------------------------------------------|
| Range                                       | TeSys                                                                      |
| Product name                                | TeSys K                                                                    |
| Product or Component Type                   | Auxiliary contact block                                                    |
| Device short name                           | LA1                                                                        |
| Range compatibility                         | TeSys K LC1K<br>TeSys K CA2K<br>TeSys K CA3K<br>TeSys K CA4K               |
| Mounting Location                           | Front                                                                      |
| Pole contact composition                    | 2 NO                                                                       |
| Contacts operation                          | Instantaneous                                                              |
| [Ue] rated operational voltage              | 690 V AC 25...400 Hz                                                       |
| [Ui] rated insulation voltage               | 690 V IEC 60947-5-1<br>600 V UL 60947-5-1<br>600 V CSA C22.2 No 60947-5-1  |
| [Ith] conventional free air thermal current | 10 A 122 °F (50 °C)                                                        |
| Standards                                   | EN/IEC 60947-5-1<br>UL 60947-5-1<br>CSA C22.2 No 60947-5-1<br>GB/T 14048.5 |
| Product Certifications                      | IECEE CB Scheme<br>UL<br>CSA<br>CCC                                        |

### Complementary

|                               |                                         |
|-------------------------------|-----------------------------------------|
| Irms rated making capacity    | 110 A <= 690 V AC IEC 60947             |
| Permissible short-time rating | 80 A 1 s<br>60 A 500 ms<br>110 A 100 ms |
| Associated fuse rating        | 10 A gG <= 690 V IEC 60947              |
| Minimum switching current     | 5 mA                                    |
| Minimum switching voltage     | 17 V                                    |
| Non overlap distance          | 0.02 in (0.5 mm)                        |
| Insulation resistance         | > 10 MOhm                               |

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|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connections - terminals | screw clamp terminals 1 0.00...0.00 in² (0.34...1.5 mm²)flexible with cable end<br>screw clamp terminals 1 0.00...0.01 in² (0.75...4 mm²)flexible without cable end<br>screw clamp terminals 1 0.00...0.01 in² (1.5...4 mm²)rigid<br>screw clamp terminals 2 0.00...0.00 in² (0.34...1.5 mm²)flexible with cable end<br>screw clamp terminals 2 0.00...0.01 in² (0.75...4 mm²)flexible without cable end<br>screw clamp terminals 2 0.00...0.01 in² (1.5...4 mm²)rigid |
| Tightening torque       | 11.51 lbf.in (1.3 N.m) Philips No 2<br>11.51 lbf.in (1.3 N.m) pozidriv No 2                                                                                                                                                                                                                                                                                                                                                                                            |
| Height                  | 1.18 in (30 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Width                   | 1.50 in (38 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Depth                   | 1.38 in (35 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Net Weight              | 0.10 lb(US) (0.045 kg)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Environmental characteristic          | Normal environment           |
| IP degree of protection               | IP20 conforming to IEC 60529 |
| Protective treatment                  | TC IEC 60068                 |
| Ambient Air Temperature for Storage   | -58...176 °F (-50...80 °C)   |
| Ambient Air Temperature for Operation | -13...122 °F (-25...50 °C)   |
| Operating altitude                    | 6561.68 ft (2000 m)          |

Ordering and shipping details

|                       |                               |
|-----------------------|-------------------------------|
| Category              | 22341-CONTACTOR,D,K,&F ACCESS |
| Discount Schedule     | I12                           |
| GTIN                  | 3389110369892                 |
| Nbr. of units in pkg. | 1                             |
| Package weight(Lbs)   | 1.10 oz (31.15 g)             |
| Returnability         | Yes                           |
| Country of origin     | ID                            |

Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Package 1 Height             | 1.50 in (3.8 cm)       |
| Package 1 width              | 1.54 in (3.9 cm)       |
| Package 1 Length             | 1.57 in (4 cm)         |
| Unit Type of Package 2       | S02                    |
| Number of Units in Package 2 | 100                    |
| Package 2 Weight             | 8.30 lb(US) (3.764 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

|                          |                                   |
|--------------------------|-----------------------------------|
| Sustainable offer status | Green Premium product             |
| REACH Regulation         | <a href="#">REACH Declaration</a> |
| REACH free of SVHC       | Yes                               |

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|                            |                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 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)                  |
| 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 |
|----------|-----------|