

# Product data sheet

Specifications



## Auxiliary contact block, TeSys K, 2NC, front mounting, spring terminals, EN 50012

LA1KN023M

❗ Discontinued

### Main

|                                             |                                                                                                                     |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Range                                       | TeSys                                                                                                               |
| Product Name                                | TeSys K                                                                                                             |
| Product Or Component Type                   | Auxiliary contact block                                                                                             |
| Device Short Name                           | LA1                                                                                                                 |
| Product Compatibility                       | 3P contactor                                                                                                        |
| Range Compatibility                         | TeSys K LC1K                                                                                                        |
| Mounting Location                           | Front                                                                                                               |
| Pole Contact Composition                    | 2 NC                                                                                                                |
| Contacts Operation                          | Instantaneous                                                                                                       |
| [Ue] Rated Operational Voltage              | 690 V AC 25...400 Hz                                                                                                |
| [Ui] Rated Insulation Voltage               | 690 V conforming to IEC 60947-5-1<br>600 V conforming to UL 60947-5-1<br>600 V conforming to CSA C22.2 No 60947-5-1 |
| [Ith] Conventional Free Air Thermal Current | 10 A (at 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<br>JIS C8201-5-1                         |
| Product Certifications                      | CB Scheme<br>CCC<br>UL<br>CSA<br>CE<br>UKCA                                                                         |

### Complementary

|                               |                                              |
|-------------------------------|----------------------------------------------|
| Irms Rated Making Capacity    | 110 A at <= 690 V AC conforming to 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 at <= 690 V conforming to IEC 60947  |
| Minimum Switching Current     | 5 mA                                         |
| Minimum Switching Voltage     | 17 V                                         |
| Non Overlap Distance          | 0.5 mm                                       |
| Insulation Resistance         | > 10 MOhm                                    |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                         |                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Connections - Terminals | Spring terminals 1 cable(s) 0.75...1.5 mm²flexible without cable end<br>Spring terminals 1 cable(s) 0.75...1.5 mm²rigid |
| Height                  | 30 mm                                                                                                                   |
| Width                   | 38 mm                                                                                                                   |
| Depth                   | 35 mm                                                                                                                   |
| Net Weight              | 0.045 kg                                                                                                                |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Environmental Characteristic          | Normal environment           |
| Ip Degree Of Protection               | IP20 conforming to IEC 60529 |
| Protective Treatment                  | TC conforming to IEC 60068   |
| Ambient Air Temperature For Storage   | -50...80 °C                  |
| Ambient Air Temperature For Operation | -25...50 °C                  |
| Operating Altitude                    | 2000 m                       |

## Packing Units

|                              |     |
|------------------------------|-----|
| Unit Type Of Package 1       | PCE |
| Number Of Units In Package 1 | 1   |