

# Product data sheet

Specifications



## TeSys D, auxiliary contact block, 2 NO, side mount, screw clamp terminals, for LC1D09 to LC1D150 contactors

LAD8N20

Product availability : Stock - Normally stocked in distribution facility

### Main

|                                             |                                                                              |
|---------------------------------------------|------------------------------------------------------------------------------|
| Range                                       | TeSys                                                                        |
| Product name                                | TeSys D<br>TeSys Deca                                                        |
| Product or Component Type                   | Auxiliary contact block                                                      |
| Range compatibility                         | TeSys D LC1D<br>TeSys D CAD<br>TeSys Deca CAD<br>TeSys Deca LC1D             |
| Mounting Location                           | Side                                                                         |
| Pole contact composition                    | 2 NO                                                                         |
| Contacts operation                          | Instantaneous                                                                |
| [Ue] rated operational voltage              | 690 V AC 25...400 Hz                                                         |
| [Ie] rated operational current              | 6 A120 V AC-15<br>1.04 A690 V AC-15<br>0.55 A125 V DC-13<br>0.1 A600 V DC-13 |
| [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 140 °F (60 °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<br>EAC<br>UKCA                           |

### Complementary

|                               |                                                                                        |
|-------------------------------|----------------------------------------------------------------------------------------|
| Irms rated making capacity    | 140 A AC IEC 60947-5-1<br>250 A DC IEC 60947-5-1                                       |
| Permissible short-time rating | 100 A 140 °F (60 °C) 1 s<br>120 A 140 °F (60 °C) 500 ms<br>140 A 140 °F (60 °C) 100 ms |
| Protection type               | GG fuse 10 A                                                                           |

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|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mechanical durability     | 30 Mcycles                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Minimum switching current | 5 mA                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Minimum switching voltage | 17 V                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Non-overlap time          | 1.5 ms on de-energisation no overlap between NC and NO contact<br>1.5 ms on energisation no overlap between NC and NO contact                                                                                                                                                                                                                                                                                                                                  |
| Insulation resistance     | > 10 MOhm                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Connections - terminals   | screw clamp terminals 1 0.00...0.00 in² (1...2.5 mm²)flexible with cable end<br>screw clamp terminals 1 0.00...0.00 in² (1...2.5 mm²)flexible without cable end<br>screw clamp terminals 2 0.00...0.00 in² (1...2.5 mm²)flexible with cable end<br>screw clamp terminals 2 0.00...0.00 in² (1...2.5 mm²)flexible without cable end<br>screw clamp terminals 1 0.00...0.00 in² (1...2.5 mm²)rigid<br>screw clamp terminals 2 0.00...0.00 in² (1...2.5 mm²)rigid |
| Tightening torque         | 15.05 lbf.in (1.7 N.m) flat Ø 6 mm<br>15.05 lbf.in (1.7 N.m) Philips No 2<br>15.05 lbf.in (1.7 N.m) pozidriv No 2                                                                                                                                                                                                                                                                                                                                              |
| Height                    | 2.99 in (76 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Width                     | 0.49 in (12.5 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Depth                     | 2.99 in (76 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Environmental characteristic          | Normal environment           |
| IP degree of protection               | IP20 conforming to IEC 60529 |
| Protective treatment                  | TH IEC 60068                 |
| Ambient Air Temperature for Storage   | -76...176 °F (-60...80 °C)   |
| Ambient Air Temperature for Operation | 23...140 °F (-5...60 °C)     |
| Operating altitude                    | 9842.52 ft (3000 m)          |

## Ordering and shipping details

|                       |                                 |
|-----------------------|---------------------------------|
| Category              | 22341 - CONTACTOR,D,K,&F ACCESS |
| Discount Schedule     | I12                             |
| GTIN                  | 3389110384710                   |
| Nbr. of units in pkg. | 1                               |
| Package weight(Lbs)   | 2.16 oz (61.2 g)                |
| Returnability         | Yes                             |
| Country of origin     | ID                              |

## Packing Units

|                              |                      |
|------------------------------|----------------------|
| Unit Type of Package 1       | PCE                  |
| Package 1 Height             | 1.10 in (28.02 mm)   |
| Package 1 width              | 2.88 in (73.13 mm)   |
| Package 1 Length             | 3.09 in (78.61 mm)   |
| Unit Type of Package 2       | S02                  |
| Number of Units in Package 2 | 60                   |
| Package 2 Weight             | 9.92 lb(US) (4.5 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)     |

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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 P65Warnings website |
| 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>                                                                                                                                                              |
| 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 |
|----------|-----------|