

Product data sheet

Specifications



TeSys Deca, auxiliary contact block, 3 NO and 1 NC, top mount, screw clamp terminals, for LC1D09 to LC1D150 contactors

LADN31

Product availability: Stock - Normally stocked in distribution facility

Price*: 49.80 USD

Main

| | |
|---|--|
| Range | TeSys TeSys Deca |
| Product name | TeSys Deca |
| Product or Component Type | Auxiliary contact block |
| Device short name | LADN |
| Range compatibility | TeSys D CAD TeSys D LC1D TeSys F LC1F TeSys F CR1F TeSys Deca CAD TeSys Deca LC1D |
| mounting location | Front |
| Pole contact composition | 3 NO + 1 NC |
| Contacts operation | Instantaneous |
| [Ue] rated operational voltage | 690 V AC 25...400 Hz |
| [Ie] rated operational current | 6 A at 120 V AC-15 1.04 A at 690 V AC-15 0.55 A at 125 V DC-13 0.1 A at 600 V DC-13 |
| [Ui] rated insulation voltage | 690 V IEC 60947-5-1 600 V UL 600 V CSA |
| [Ith] conventional free air thermal current | 10 A (at 140 °F (60 °C)) |
| Standards | EN/IEC 60947-5-1 UL 60947-5-1 CSA C22.2 No 60947-5-1 GB/T 14048.5 |
| Product Certifications | CB UL CSA CCC EAC UKCA |

Complementary

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|----------------------------|--|
| Irms rated making capacity | 140 A AC conforming to IEC 60947-5-1 250 A DC conforming to IEC 60947-5-1 |
|----------------------------|--|

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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|--------------------------------------|--|
| Permissible short-time rating | 100 A 140 °F (60 °C) 1 s 120 A 140 °F (60 °C) 500 ms 140 A 140 °F (60 °C) 100 ms |
| Protection type | GG fuse 10 A |
| 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 1.5 ms on energisation no overlap between NC and NO contact |
| Insulation resistance | > 10 MOhm |
| Connections - terminals | screw clamp terminals 1 0.002...0.006 in ² (1...4 mm ²)flexible with cable end screw clamp terminals 1 0.002...0.006 in ² (1...4 mm ²)flexible without cable end screw clamp terminals 2 0.002...0.004 in ² (1...2.5 mm ²)flexible with cable end screw clamp terminals 2 0.002...0.006 in ² (1...4 mm ²)flexible without cable end screw clamp terminals 1 0.002...0.006 in ² (1...4 mm ²)rigid without cable end screw clamp terminals 2 0.002...0.006 in ² (1...4 mm ²)rigid without cable end |
| Tightening torque | 15.05 lbf.in (1.7 N.m) flat Ø 6 mm 15.05 lbf.in (1.7 N.m) Philips No 2 15.05 lbf.in (1.7 N.m) pozidriv No 2 |
| Height | 1.9 in (48 mm) |
| Width | 1.7 in (44 mm) |
| Depth | 1.7 in (42 mm) |
| Net Weight | 0.11 lb(US) (0.05 kg) |
| color | Dark grey |

Environment

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|--|------------------------------|
| Environmental characteristic | Normal environment |
| IP degree of protection | IP2X 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

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|--------------------------|---------------|
| Category | US10I1222341 |
| Discount Schedule | 0112 |
| GTIN | 3389110384178 |
| Returnability | Yes |
| Country of origin | FR |

Packing Units

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|-------------------------------------|---------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.890 in (4.800 cm) |
| Package 1 Width | 1.654 in (4.200 cm) |
| Package 1 Length | 1.969 in (5.000 cm) |

| | |
|-------------------------------------|---------------------------|
| Package 1 Weight | 2.187 oz (62.000 g) |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 1.890 in (4.800 cm) |
| Package 2 Width | 3.386 in (8.600 cm) |
| Package 2 Length | 10.236 in (26.000 cm) |
| Package 2 Weight | 22.152 oz (628.000 g) |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 160 |
| Package 3 Height | 11.811 in (30.000 cm) |
| Package 3 Width | 11.811 in (30.000 cm) |
| Package 3 Length | 15.748 in (40.000 cm) |
| Package 3 Weight | 22.807 lb(US) (10.345 kg) |

Contractual warranty

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

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Reach Free Of Svhc

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Compliant

[EU RoHS Declaration](#)

China Rohs Regulation

[China RoHS declaration](#)

Pro-active China RoHS declaration (out of China RoHS legal scope)

Environmental Disclosure

[Product Environmental Profile](#)

Weee

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Circularity Profile

No need of specific recycling operations

Dimensions Drawings

Approximate Dimensions

