

Product data sheet

Specifications



TeSys Deca thermal overload relays , 95...120A , class 10A

LRD4367

Product availability: Stock - Normally stocked in distribution facility

Price*: 362.00 USD

Main

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|-------------------------------------|---|
| Range | TeSys |
| Product Name | TeSys LRD TeSys Deca |
| Product Or Component Type | Differential thermal overload relay |
| Device Short Name | LRD |
| Relay Application | Motor protection |
| Product Compatibility | LC1D150 LC1D115 |
| Network Type | AC DC |
| Thermal Overload Class | Class 10A IEC 60947-4-1 |
| Thermal Protection Adjustment Range | 95...120 A |
| [U] Rated Insulation Voltage | Power circuit 1000 V IEC 60947-4-1 Power circuit 600 V CSA Power circuit 600 V UL |

Complementary

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| Network Frequency | 0...400 Hz |
| Mounting Support | Plate, with specific accessories Rail, with specific accessories Under contactor |
| Tripping Threshold | 1.14 +/- 0.06 I _r IEC 60947-4-1 |
| Auxiliary Contact Composition | 1 NO + 1 NC |
| [I _{th}] Conventional Free Air Thermal Current | 5 A signalling circuit |
| Permissible Current | 0.06 A 440 V DC-13 signalling circuit 0.12 A 600 V AC-15 signalling circuit |
| [U _e] Rated Operational Voltage | 1000 V AC 0...400 Hz power circuit IEC 60947-4-1 |
| Associated Fuse Rating | 4 A gG for signalling circuit 4 A BS for signalling circuit |
| [U _{imp}] Rated Impulse Withstand Voltage | 6 kV IEC 60947-1 |
| Phase Failure Sensitivity | Tripping current 130 % of I _r on two phase, the last one at 0 |
| Control Type | Red push-button stop Blue push-button reset |
| Temperature Compensation | -4...140 °F (-20...60 °C) |

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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| Connections - Terminals | Power circuit screw clamp terminals 1 0.01...0.05 in ² (4...35 mm ²) flexible with cable end Control circuit screw clamp terminals 2 0.00...0.00 in ² (1...2.5 mm ²) flexible without cable end Control circuit screw clamp terminals 2 0.00...0.00 in ² (1...2.5 mm ²) flexible with cable end Control circuit screw clamp terminals 2 0.00...0.00 in ² (1...2.5 mm ²) solid without cable end Power circuit screw clamp terminals 1 0.01...0.08 in ² (4...50 mm ²) flexible without cable end Power circuit screw clamp terminals 1 0.01...0.08 in ² (4...50 mm ²) solid without cable end |
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| Tightening Torque | Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals Power circuit 79.66 lbf.in (9 N.m) screw clamp terminals |
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| Depth | 5.20 in (132 mm) |
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| Net Weight | 1.98 lb(US) (0.9 kg) |
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Environment

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| Climatic Withstand | IACS E10 |
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| Ip Degree Of Protection | IP20 conforming to IEC 60529 |
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| Ambient Air Temperature For Operation | -4...140 °F (-20...60 °C) without derating IEC 60947-4-1 |
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| Ambient Air Temperature For Storage | -76...158 °F (-60...70 °C) |
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| Flame Retardance | V1 conforming to UL 94 |
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| Mechanical Robustness | Vibrations6 Gn IEC 60068-2-6 Shocks15 Gn for 11 ms IEC 60068-2-7 |
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| Dielectric Strength | 2.2 kV 50 Hz IEC 60947-1 |
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| Standards | EN/IEC 60947-4-1 EN/IEC 60947-5-1 UL 60947-4-1 UL 60947-5-1 CSA C22.2 No 60947-4-1 CSA C22.2 No 60947-5-1 GB/T 14048.4 GB/T 14048.5 EN 50495 |
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| Product Certifications | IEC UL CSA CCC EAC ATEX INERIS |
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Ordering and shipping details

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| Category | US10I1222347 |
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| Discount Schedule | 0112 |
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| Gtin | 3389110523348 |
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| Returnability | Yes |
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| Country Of Origin | FR |
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Packing Units

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| Unit Type Of Package 1 | PCE |
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| Number Of Units In Package 1 | 1 |
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| Package 1 Height | 5.98 in (15.2 cm) |
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| Package 1 Width | 5.43 in (13.8 cm) |
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| Package 1 Length | 4.02 in (10.2 cm) |
| Package 1 Weight | 29.42 oz (834.0 g) |
| Unit Type Of Package 2 | S03 |
| Number Of Units In Package 2 | 10 |
| Package 2 Height | 11.81 in (30.0 cm) |
| Package 2 Width | 11.81 in (30.0 cm) |
| Package 2 Length | 15.75 in (40.0 cm) |
| Package 2 Weight | 19.49 lb(US) (8.84 kg) |
| Unit Type Of Package 3 | P06 |
| Number Of Units In Package 3 | 80 |
| Package 3 Height | 30.31 in (77.0 cm) |
| Package 3 Width | 31.50 in (80.0 cm) |
| Package 3 Length | 23.62 in (60.0 cm) |
| Package 3 Weight | 174.65 lb(US) (79.22 kg) |

Contractual warranty

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| Warranty | 18 months |
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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](#)

Circularity Profile

[End of Life Information](#)

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 www.P65Warnings.ca.gov