Product data sheet

Specification





TeSys Deca thermal overload relays - 1...1.6 A - class 10A

LRD066

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 60.00 USD

Main

| Range | TeSys TeSys Deca | |
|-------------------------------------|--|--|
| Product name | TeSys LRD TeSys Deca | |
| Product or Component Type | Differential thermal overload relay | |
| Device short name | LRD | |
| relay application | Motor protection | |
| Product Compatibility | LC1D12 LC1D25 LC1D09 LC1D18 LC1D32 LC1D38 | |
| Network type | AC DC | |
| Thermal overload class | Class 10A IEC 60947-4-1 | |
| Thermal protection adjustment range | 11.6 A | |
| [Ui] rated insulation voltage | Power circuit 600 V CSA Power circuit 600 V UL Power circuit 690 V IEC 60947-4-1 | |

Complementary

| Network Frequency | 0400 Hz |
|---|--|
| Mounting support | Plate, with specific accessories Rail, with specific accessories Under contactor |
| Tripping threshold | 1.14 +/- 0.06 Ir IEC 60947-4-1 |
| Auxiliary contact composition | 1 NO + 1 NC |
| [Ith] conventional free air thermal current | 5 A signalling circuit |
| Permissible current | 3 A 120 V AC-15 signalling circuit 0.22 A 125 V DC-13 signalling circuit |
| [Ue] rated operational voltage | 690 V AC 0400 Hz power circuit IEC 60947-4-1 |
| Associated fuse rating | 4 A gG for signalling circuit 4 A BS for signalling circuit |
| [Uimp] rated impulse withstand voltage | 6 kV |
| Phase failure sensitivity | Tripping current 130 % of Ir on two phase, the last one at 0 |
| Control type | Red push-button stop Blue push-button reset |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

| Temperature compensation | -4140 °F (-2060 °C) |
|--------------------------|--|
| Connection pitch | 0.6 in (14.5 mm) |
| Connections - terminals | Control circuit screw clamp terminals 2 0.0020.004 in² (12.5 mm²) flexible without cable end Control circuit screw clamp terminals 2 0.0020.004 in² (12.5 mm²) flexible with cable end Control circuit screw clamp terminals 2 0.0020.004 in² (12.5 mm²) solid without cable end Power circuit lugs-ring terminals |
| Tightening torque | Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals Power circuit 20.4 lbf.in (2.3 N.m) lugs-ring terminals M4 |
| Height | 2.6 in (66 mm) |
| Width | 1.8 in (45 mm) |
| Depth | 2.8 in (70 mm) |
| Net Weight | 0.273 lb(US) (0.124 kg) |

Environment

| Climatic withstand | IACS E10 | |
|---------------------------------------|--|--|
| IP degree of protection | IP20 conforming to IEC 60529 | |
| Ambient air temperature for operation | -4140 °F (-2060 °C) without derating IEC 60947-4-1 | |
| Ambient Air Temperature for Storage | -76158 °F (-6070 °C) | |
| Flame retardance | V1 conforming to UL 94 | |
| Mechanical robustness | Vibrations6 Gn IEC 60068-2-6 Shocks15 Gn for 11 ms IEC 60068-2-7 | |
| Dielectric strength | 1.89 kV 50 Hz IEC 60947-1 | |
| 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 | |
| Product Certifications | IEC UL CSA CCC EAC BV RINA DNV-GL LROS (Lloyds register of shipping) ATEX INERIS UKCA | |

Ordering and shipping details

| Category | US10l1222347 | |
|-------------------|---------------|--|
| Discount Schedule | 0112 | |
| GTIN | 3389110822687 | |
| Returnability | No | |
| Country of origin | FR | |

Packing Units

| Unit Type of Package 1 | PCE | |
|------------------------------|-------------------------|--|
| Number of Units in Package 1 | 1 | |
| Package 1 Height | 3.5 in (8.8 cm) | |
| Package 1 Width | 3.03 in (7.7 cm) | |
| Package 1 Length | 1.9 in (4.9 cm) | |
| Package 1 Weight | 5.2 oz (148.0 g) | |
| Unit Type of Package 2 | S02 | |
| Number of Units in Package 2 | 24 | |
| Package 2 Height | 5.9 in (15 cm) | |
| Package 2 Width | 11.8 in (30 cm) | |
| Package 2 Length | 15.7 in (40 cm) | |
| Package 2 Weight | 8.419 lb(US) (3.819 kg) | |

Contractual warranty

Warranty 18 months

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Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass 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



Rohs Exemption Information

Yes

Certifications & Standards

| Reach Regulation | REACh Declaration |
|---------------------------------|---|
| Eu Rohs Directive | Compliant with Exemptions |
| China Rohs Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information. |
| 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 | 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 |