



Main

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| Range | TeSys |
| Product name | TeSys LRD |
| Product or component type | Differential thermal overload relay |
| Device short name | LRD |
| Relay application | Motor protection |
| Product compatibility | LC1D18 LC1D38 LC1D25 LC1D32 |
| Network type | DC AC |
| Thermal overload class | Class 10A |
| Electrical circuit type | Power circuit 600 V CSA Power circuit 600 V UL Power circuit 690 V IEC 60947-4-1 |

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 |
| Electrical circuit type | 5 A signalling circuit |
| Utilisation category | 1.5 A 240 V AC-15 signalling circuit 0.1 A 250 V DC-13 signalling circuit |
| [U _e] rated operational voltage | 690 V AC 0...400 Hz |
| Phase failure sensitivity | Tripping current 130 % of I _r on two phase, the last one at 0 IEC 60947-4-1 |
| Control type | Red push-button stop Blue push-button reset |
| Connections - terminals | 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 Power circuit screw clamp terminals 1 0.00...0.02 in ² (1.5...10 mm ²) flexible without cable end Power circuit screw clamp terminals 1 0.00...0.01 in ² (1...4 mm ²) flexible with cable end Power circuit screw clamp terminals 1 0.00...0.01 in ² (1...6 mm ²) solid |
| Connections - terminals | Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals Power circuit 22.13 lbf.in (2.5 N.m) screw clamp terminals |
| Quantity per set | Set of 10 |

Environment

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| Protective treatment | TH IEC 60068 |
| IP degree of protection | IP20 IEC 60529 |
| Standards | -4...140 °F (-20...60 °C) without derating IEC 60947-4-1 |
| Flame retardance | V1 UL 94 |
| Mechanical robustness | Vibrations 6 Gn IEC 60068-2-6 Shocks 15 Gn for 11 ms IEC 60068-2-7 |

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| Network frequency | 6 kV 50 Hz IEC 60255-5 |
| Product certifications | BV RINA UL DNV GOST CCC ATEX INERIS GL LROS (Lloyds register of shipping) CSA |

Ordering and shipping details

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| Category | 22347 - CONTACTOR,D-LINE,OVERLOADS-NEW |
| Discount Schedule | I12 |
| GTIN | 00785901293170 |
| Nbr. of units in pkg. | 36 |
| Package weight(Lbs) | 0.47 lb(US) (0.21 kg) |
| Returnability | No |
| Country of origin | FR |

Packing Units

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|------------------------|------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 5.91 in (15 cm) |
| Package 1 width | 11.81 in (30 cm) |
| Package 1 Length | 15.75 in (40 cm) |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

Contractual warranty

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| Warranty | 18 months |
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