



Product availability : Stock - Normally stocked in distribution facility



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 | LC1D38 LC1D09 LC1D18 LC1D25 LC1D32 LC1D12 |
| Network type | DC AC |
| Thermal protection adjustment range | 1...1.6 A |
| [Ui] rated insulation voltage | 600 V power circuit conforming to CSA 600 V power circuit conforming to UL 690 V power circuit conforming to 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 conforming to IEC 60947-4-1 |
| [I _{th}] conventional free air thermal current | 5 A for signalling circuit |
| Permissible current | 3 A at 120 V AC-15 for signalling circuit 0.22 A at 125 V DC-13 for signalling circuit |
| System Voltage | 690 V AC 0...400 Hz |

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| [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 for reset mode |
| Temperature compensation | -4...140 °F (-20...60 °C) |
| Connections - terminals | Control circuit: screw clamp terminals 2 cable(s) 0...0 in ² (1...2.5 mm ²) - cable stiffness: flexible - without cable end Control circuit: screw clamp terminals 2 cable(s) 0...0 in ² (1...2.5 mm ²) - cable stiffness: flexible - with cable end Control circuit: screw clamp terminals 2 cable(s) 0...0 in ² (1...2.5 mm ²) - cable stiffness: solid - without cable end Power circuit: screw clamp terminals 1 cable(s) 0...0.02 in ² (1.5...10 mm ²) - cable stiffness: flexible - without cable end Power circuit: screw clamp terminals 1 cable(s) 0...0.01 in ² (1...4 mm ²) - cable stiffness: flexible - with cable end Power circuit: screw clamp terminals 1 cable(s) 0...0.01 in ² (1...6 mm ²) - cable stiffness: solid - without cable end |
| Tightening torque | Control circuit: 15.04 lbf.in (1.7 N.m) - on screw clamp terminals Power circuit: 15.04 lbf.in (1.7 N.m) - on screw clamp terminals |
| Width | 1.77 in (45 mm) |
| Depth | 2.76 in (70 mm) |
| Product weight | 0.27 lb(US) (0.124 kg) |

Environment

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| Protective treatment | TH conforming to IEC 60068 |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Ambient air temperature for operation | Without derating conforming to IEC 60947-4-1 |
| Ambient air temperature for storage | -76...158 °F (-60...70 °C) |
| Flame retardance | V1 conforming to UL 94 |
| Mechanical robustness | Vibrations 6 Gn IEC 60068-2-6 Shocks 15 Gn for 11 ms IEC 60068-2-7 |
| Dielectric strength | 6 kVat 50 Hz conforming to IEC 60255-5 |
| Standards | IEC 60947-5-1 EN 60947-4-1 ATEX D 94/9/CE UL 508 CSA C22.2 No 14 IEC 60947-4-1 EN 60947-5-1 |
| Product certifications | RINA GOST LROS (Lloyds register of shipping) CCC UL GL ATEX INERIS DNV CSA BV |

Ordering and shipping details

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| Category | 22347 - CONTACTOR,D-LINE,OVERLOADS-NEW |
| Discount Schedule | I12 |
| GTIN | 00785901206736 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.31 |
| Returnability | Y |
| Country of origin | FR |

Offer Sustainability

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|--------------------------|-----------------------|
| Sustainable offer status | Green Premium product |
|--------------------------|-----------------------|

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|----------------------------------|---|
| RoHS (date code: YYWW) | Compliant - since 0631 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Available |

Contractual warranty

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| Warranty period | 18 months |
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