



Price* : 107.00 USD



Main

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|-------------------------------------|-----------------------------------------------------------------------------------------|
| Range | TeSys |
| Product name | TeSys LRD |
| Product or component type | Non differential thermal overload relay |
| Device short name | LR3D |
| Relay application | Motor protection |
| Product compatibility | LC1D95 LC1D80 |
| Network type | AC DC |
| Thermal overload class | Class 20 IEC 60947-4-1 |
| Thermal protection adjustment range | 30...40 A |
| [Ui] 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 Ir IEC 60947-4-1 |
| Auxiliary contact composition | 1 NO + 1 NC |
| [Ith] conventional free air thermal current | 5 A signalling circuit |
| [Ue] rated operational voltage | 690 V AC 0...400 Hz power circuit IEC 60947-4-1 |
| Associated fuse rating | 4 A gG signalling circuit 4 A BS signalling circuit |

* 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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| [Uimp] rated impulse withstand voltage | 6 kV IEC 60947-1 |
| 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 |
| Temperature compensation | -4...140 °F (-20...60 °C) |
| Connections - terminals | Power circuit screw clamp terminals 1 0.01...0.05 in ² (4...35 mm ²) flexible without cable end Power circuit screw clamp terminals 1 0.01...0.05 in ² (4...35 mm ²) flexible with cable end Power circuit screw clamp terminals 1 0.01...0.05 in ² (4...35 mm ²) solid without 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 |
| 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 |
| Width | 2.95 in (75 mm) |
| Depth | 4.76 in (121 mm) |
| Net Weight | 1.18 lb(US) (0.535 kg) |

Environment

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| Protective treatment | TH IEC 60068 |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Ambient air temperature for operation | -4...140 °F (-20...60 °C) without derating 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 | 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 |
| Product certifications | IEC UL CSA CCC EAC BV DNV-GL LROS (Lloyds register of shipping) |

Ordering and shipping details

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|-----------------------|----------------------------------------|
| Category | 22347 - CONTACTOR,D-LINE,OVERLOADS-NEW |
| Discount Schedule | I12 |
| GTIN | 03606485335872 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 18.66 oz (529 g) |
| Returnability | Yes |
| Country of origin | FR |

Packing Units

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|------------------------|------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 3.35 in (8.5 cm) |
| Package 1 width | 3.07 in (7.8 cm) |
| Package 1 Length | 4.72 in (12 cm) |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| 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 |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| 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 |
| 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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