



Price\* : 60.00 USD



### Main

|                                     |                                                                                        |
|-------------------------------------|----------------------------------------------------------------------------------------|
| Range                               | TeSys                                                                                  |
| Product name                        | TeSys LRD                                                                              |
| Product or component type           | Differential thermal overload relay                                                    |
| Device short name                   | LRD                                                                                    |
| Relay application                   | Motor protection                                                                       |
| Product compatibility               | LC1D32<br>LC1D12<br>LC1D25<br>LC1D38<br>LC1D09<br>LC1D18                               |
| Network type                        | DC<br>AC                                                                               |
| Thermal overload class              | Class 10A IEC 60947-4-1                                                                |
| Thermal protection adjustment range | 4...6 A                                                                                |
| [Ui] rated insulation voltage       | Power circuit 600 V CSA<br>Power circuit 600 V UL<br>Power circuit 690 V IEC 60947-4-1 |

### Complementary

|                                             |                                                                                        |
|---------------------------------------------|----------------------------------------------------------------------------------------|
| Network frequency                           | 0...400 Hz                                                                             |
| Mounting support                            | Plate, with specific accessories<br>Rail, with specific accessories<br>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                                                                 |

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

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Permissible current                    | 3 A 120 V AC-15 signalling circuit<br>0.22 A 125 V DC-13 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<br>4 A BS signalling circuit                                                                                                                                                                                                                                                                                                                                                                                                                             |
| [Uimp] rated impulse withstand voltage | 6 kV                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Phase failure sensitivity              | Tripping current 130 % of I <sub>r</sub> on two phase, the last one at 0                                                                                                                                                                                                                                                                                                                                                                                                           |
| Control type                           | Red push-button stop<br>Blue push-button reset                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Temperature compensation               | -4...140 °F (-20...60 °C)                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Connections - terminals                | Control circuit spring terminals 1 0.00...0.00 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) solid without cable end<br>Control circuit spring terminals 1 0.00...0.00 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) flexible without cable end<br>Power circuit spring terminals 1 0.00...0.01 in <sup>2</sup> (1.5...4 mm <sup>2</sup> ) flexible without cable end<br>Power circuit spring terminals 1 0.00...0.01 in <sup>2</sup> (1.5...4 mm <sup>2</sup> ) flexible with cable end |
| Height                                 | 3.66 in (93 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Width                                  | 1.77 in (45 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Depth                                  | 2.83 in (72 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Net Weight                             | 0.31 lb(US) (0.14 kg)                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Environment

|                                       |                                                                                                                                                                      |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                 | Vibrations6 Gn IEC 60068-2-6<br>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<br>EN/IEC 60947-5-1<br>UL 60947-4-1<br>UL 60947-5-1<br>CSA C22.2 No 60947-4-1<br>CSA C22.2 No 60947-5-1<br>GB/T 14048.4<br>GB/T 14048.5<br>EN 50495 |
| Product certifications                | IEC<br>UL<br>CSA<br>CCC<br>EAC<br>BV<br>RINA<br>DNV-GL<br>LROS (Lloyds register of shipping)<br>ATEX INERIS                                                          |

## Ordering and shipping details

|                       |                                        |
|-----------------------|----------------------------------------|
| Category              | 22347 - CONTACTOR,D-LINE,OVERLOADS-NEW |
| Discount Schedule     | I12                                    |
| GTIN                  | 03389110822052                         |
| Nbr. of units in pkg. | 1                                      |
| Package weight(Lbs)   | 6.74 oz (191 g)                        |
| Returnability         | No                                     |
| Country of origin     | FR                                     |

## Packing Units

|                        |     |
|------------------------|-----|
| Unit Type of Package 1 | PCE |
|------------------------|-----|

|                              |                         |
|------------------------------|-------------------------|
| Package 1 Height             | 2.17 in (5.5 cm)        |
| Package 1 width              | 3.15 in (8 cm)          |
| Package 1 Length             | 3.94 in (10 cm)         |
| Unit Type of Package 2       | S02                     |
| Number of Units in Package 2 | 23                      |
| Package 2 Weight             | 10.23 lb(US) (4.642 kg) |
| Package 2 Height             | 5.91 in (15 cm)         |
| Package 2 width              | 11.81 in (30 cm)        |
| Package 2 Length             | 15.75 in (40 cm)        |

### Offer Sustainability

|                            |                                                                                                                                                                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                         |
| REACH free of SVHC         | Yes                                                                                                                                                                                                                                                       |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                                                                                                                                                          |
| Mercury free               | Yes                                                                                                                                                                                                                                                       |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                                                                                                                                                       |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information.                                                                                                                                    |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                             |
| Circularity Profile        | <a href="#">End of Life Information</a>                                                                                                                                                                                                                   |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.                                                                                                                              |

### Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|