

LRD3357

TeSys LRD, thermal overload relay, 37 to 50 A, class 10A, for LC1D80 and LC1D95

Product availability : Stock - Normally stocked in distribution facility



Price* : 107.00 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	LC1D95 LC1D80
Network type	DC AC
Thermal protection adjustment range	37...50 A
[Ui] rated insulation voltage	Power circuit 1000 V IEC 60947-4-1 Power circuit 600 V CSA Power circuit 600 V UL

Complementary

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
[I _{th}] conventional free air thermal current	5 A signalling circuit
Permissible current	0.72 A 500 V AC-15 signalling circuit 0.06 A 440 V DC-13 signalling circuit
[U _e] rated operational voltage	690 V AC 0...400 Hz
[U _{imp}] rated impulse withstand voltage	6 kV
Phase failure sensitivity	Tripping current 130 % of I _r on two phase, the last one at 0

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

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
Maximum Height	4.84 in (123 mm)
Maximum Width	2.95 in (75 mm)
Maximum Depth	4.76 in (121 mm)
Net Weight	1.12 lb(US) (0.51 kg)

Environment

Protective treatment	TH IEC 60068
IP degree of protection	IP20 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 UL 94
Mechanical robustness	Vibrations 6 Gn IEC 60068-2-6 Shocks 15 Gn for 11 ms IEC 60068-2-7
Dielectric strength	6 kV 50 Hz IEC 60255-5
Standards	CSA C22.2 No 14 EN 60947-4-1 IEC 60947-4-1 IEC 60947-5-1 UL 508 ATEX D 94/9/CE EN 60947-5-1
Product certifications	GL DNV GOST RINA LROS (Lloyds register of shipping) CSA ATEX INERIS BV UL CCC

Ordering and shipping details

Category	22347 - CONTACTOR,D-LINE,OVERLOADS-NEW
Discount Schedule	I12
GTIN	00785901519959
Nbr. of units in pkg.	1
Package weight(Lbs)	1.09 lb(US) (0.49 kg)
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.15 in (8 cm)
Package 1 width	3.43 in (8.7 cm)
Package 1 Length	4.72 in (12 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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

Contractual warranty

Warranty	18 months
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