chanhvinh.com

Product data sheet
Characteristics

LRD32
TeSys LRD, thermal overload relay, 23 to 32 A, class 10A



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 LC1D25 LC1D38
Network type	AC DC
Thermal overload class	Class 10A conforming to IEC 60947-4-1
Thermal protection adjustment range	23…32 A
[Ui] rated insulation voltage	Power circuit: 600 V conforming to CSA Power circuit: 600 V conforming to UL Power circuit: 690 V conforming to IEC 60947-4-1

Complementary

Network frequency	0...400 Hz
Mounting support	Plate, with specific accessories Rail, with specific accessories Under contactor
Tripping threshold	1.14 +/- 0.06 Ir conforming to IEC 60947-4-1
Auxiliary contact composition	1 NO + 1 NC
[Ith] conventional free air thermal current	5 A for signalling circuit
Permissible current	1.5 A at 240 V AC-15 for signalling circuit 0.1 A at 250 V DC-13 for signalling circuit
[Ue] rated operational voltage	690 V AC 0...400 Hz for power circuit conforming to IEC 60947-4-1
Associated fuse rating	4 A gG for signalling circuit 4 A BS for signalling circuit
[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: reset
Temperature compensation	-4…140 °F (-20…60 °C)
Connections - terminals	Control circuit: screw clamp terminals 2 cable(s) 1…2.5 mm² flexible without cable end Control circuit: screw clamp terminals 2 cable(s) 1…2.5 mm² flexible with cable end Control circuit screw clamp terminals 2 0.00…0.00 in² (1…2.5 mm²) solid Power circuit screw clamp terminals 1 0.00…0.02 in² (1.5…10 mm²) flexible without cable end Power circuit screw clamp terminals 1 0.00…0.01 in² (1…6 mm²) flexible with cable end Power circuit screw clamp terminals 1 0.00…0.02 in² (1.5…10 mm²) solid
Tightening torque	Control circuit: 1.7 N.m - on screw clamp terminals Power circuit 22.13 lbf.in (2.5 N.m) screw clamp terminals
Height	2.60 in (66 mm)
Maximum Width	1.77 in (45 mm)
Depth	2.76 in (70 mm)
Net Weight	0.27 lb(US) (0.124 kg)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Protective treatment	TH conforming to IEC 60068
IP degree of protection	IP20 conforming to IEC 60529
Ambient air temperature for operation	-20…60 °C without derating conforming to 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 conforming to IEC 60068-2-6 Shocks: 15 Gn for 11 ms conforming to 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 EN 50495
Product certifications	IEC UL CSA CCC EAC BV RINA DNV-GL LROS (Lloyds register of shipping) ATEX INERIS

Ordering and shipping details

Category	22347 - CONTACTOR,D-LINE,OVERLOADS-NEW
Discount Schedule	I12
GTIN	00785901206811
Nbr. of units in pkg.	1
Package weight(Lbs)	0.32 lb(US) (0.15 kg)
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.05 in (5.2 cm)
Package 1 width	3.07 in (7.8 cm)
Package 1 Length	3.46 in (8.8 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 www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
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

Warranty	18 months

chanhvinh.com

chanhvinh.com

Product data sheet LRD32

Dimensions Drawings

Approximate Dimensions

