



Price** : 127.00 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	AC DC
Thermal protection adjustment range	80...104 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
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
Height	4.84 in (123 mm)
Width	2.95 in (75 mm)
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	IEC 60947-4-1 UL 508 IEC 60947-5-1 ATEX D 94/9/CE CSA C22.2 No 14 EN 60947-4-1 EN 60947-5-1
Product certifications	GOST BV DNV LROS (Lloyds register of shipping) RINA CCC ATEX INERIS CSA GL UL

Ordering and shipping details

Category	22347 - CONTACTOR,D-LINE,OVERLOADS-NEW
Discount Schedule	I12
GTIN	00785901234449
Package weight(Lbs)	0.56 kg (1.23 lb(US))
Returnability	Yes
Country of origin	FR

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 Carcinogen harm. For more information go to www.p65warnings.ca.gov
RECh Regulation	RECh Declaration
RECh 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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