Product datasheet

Specifications

TeSys LRD thermal overload relays - 95...120 A - class 10A

Local distributor code:
381829654   LRD4367

EAN Code: 3389110523348

Main

Range	TeSys
Product Name	TeSys LRD TeSys Deca
Product Or Component Type	Differential thermal overload relay
Device Short Name	LRD
Relay Application	Motor protection
Product Compatibility	LC1D150 LC1D115
Network Type	AC DC
Thermal Overload Class	Class 10A conforming to IEC 60947-4-1
Thermal Protection Adjustment Range	95…120 A
[Ui] Rated Insulation Voltage	Power circuit: 1000 V conforming to IEC 60947-4-1 Power circuit: 600 V conforming to CSA Power circuit: 600 V conforming to 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 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	0.06 A at 440 V DC-13 for signalling circuit 0.12 A at 600 V AC-15 for signalling circuit
[Ue] Rated Operational Voltage	1000 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 conforming to 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	-20…60 °C

Connections - Terminals	Power circuit: screw clamp terminals 1 cable(s) 4…35 mm² flexible with cable end
	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 cable(s) 1…2.5 mm² solid without cable end
	Power circuit: screw clamp terminals 1 cable(s) 4…50 mm² flexible without cable end
	Power circuit: screw clamp terminals 1 cable(s) 4…50 mm² solid without cable end
Tightening Torque	Control circuit: 1.7 N.m - on screw clamp terminals
	Power circuit: 9 N.m - on screw clamp terminals
Depth	132 mm
Net Weight	0.9 kg

Environment

Climatic Withstand	conforming to IACS E10
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	-60…70 °C
Flame Retardance	V1 conforming to 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	2.2 kV at 50 Hz conforming to 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
	ATEX INERIS

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	15.2 cm
Package 1 Width	13.8 cm
Package 1 Length	10.2 cm
Package 1 Weight	834.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	10
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	8.84 kg
Unit Type Of Package 3	P06

Number Of Units In Package 3	80
Package 3 Height	77.0 cm
Package 3 Width	80.0 cm
Package 3 Length	60.0 cm
Package 3 Weight	79.22 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency   RoHS/REACh

Well-being performance

✅ Reach Free Of Svhc

✅ Toxic Heavy Metal Free

✅ Mercury Free

✅ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant

                                        EU RoHS Declaration

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