Product datasheet

Specification





TeSys LRD thermal overload relays - 48...65 A - class 20

Local distributor code: 393517213

3517213 LRD365L

EAN Code: 3389119215589

Main

Range	TeSys TeSys Deca	
Product Name	TeSys LRD TeSys Deca	
Product Or Component Type	Differential thermal overload relay	
Device Short Name	LRD	
Relay Application	Motor protection	
Product Compatibility	LC1D50A LC1D65A	
Network Type	DC AC	
Thermal Overload Class	Class 20 conforming to IEC 60947-4-1	
Thermal Protection Adjustment Range	nt 4865 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	0400 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	3 A at 120 V AC-15 for signalling circuit 0.22 A at 125 V DC-13 for signalling circuit	
[Ue] Rated Operational Voltage	690 V AC 0400 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	d 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	-2060 °C	

Connections - Terminals	Control circuit: screw clamp terminals 2 cable(s) 12.5 mm² flexible without cable end Control circuit: screw clamp terminals 2 cable(s) 12.5 mm² flexible with cable end Control circuit: screw clamp terminals 2 cable(s) 12.5 mm² flexible without cable end Power circuit: EverLink BTR screw connectors 1 cable(s) 135 mm² flexible without cable end Power circuit: EverLink BTR screw connectors 1 cable(s) 135 mm² flexible with cable end Power circuit: EverLink BTR screw connectors 1 cable(s) 135 mm² solid without cable end
Tightening Torque	Control circuit: 1.7 N.m - on screw clamp terminals Power circuit: 5 N.m - on EverLink BTR screw connectors
Height	70 mm
Width	55 mm
Depth	123 mm
Net Weight	0.375 kg

Environment

Climatic Withstand conforming to IACS E10		
Ip Degree Of Protection	IP20 conforming to IEC 60529	
Ambient Air Temperature For Operation	-2060 °C without derating conforming to IEC 60947-4-1	
Ambient Air Temperature For Storage	-6070 °C	
Flame Retardance	V1 conforming to UL 94	
Mechanical Robustness	Shocks: 15 Gn for 11 ms conforming to IEC 60068-2-7 Vibrations: 4 gn conforming to IEC 60068-2-6	
Dielectric Strength	ectric Strength 1.89 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	
Product Certifications	IEC UL CSA CCC EAC DNV-GL RMRS EU-RO MR LROS (Lloyds register of shipping) UKCA	

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.5 cm
Package 1 Width	11.0 cm
Package 1 Length	14.0 cm
Package 1 Weight	416.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	13
Package 2 Height	15.0 cm

Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.656 kg

Contractual warranty

Warranty 18 months



Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ 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

Ø	Reach Free Of Svhc	
⊘	Toxic Heavy Metal Free	
Ø	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