Product data sheet

Specification





TeSys Deca thermal overload relays - 17...24 A - class 20

LRD22L6

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 62.00 USD

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	LC1D25 LC1D38 LC1D32	
Network Type	DC AC	
Thermal Overload Class	Class 20 IEC 60947-4-1	
Thermal Protection Adjustment Range	1724 A	
[Ui] Rated Insulation Voltage	Power circuit 600 V CSA Power circuit 600 V UL Power circuit 690 V 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 IEC 60947-4-1
Auxiliary Contact Composition	1 NO + 1 NC
[Ith] Conventional Free Air Thermal Current	5 A signalling circuit
Permissible Current	3 A 120 V AC-15 signalling circuit
	0.22 A 125 V DC-13 signalling circuit
[Ue] Rated Operational Voltage	690 V AC 0400 Hz power circuit 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	-4140 °F (-2060 °C)

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

Connections - Terminals	Control circuit screw clamp terminals 2 0.000.00 in² (12.5 mm²) flexible without cable end
	Control circuit screw clamp terminals 2 0.000.00 in ² (12.5 mm ²) flexible with cable end
	Control circuit screw clamp terminals 2 0.000.00 in² (12.5 mm²) solid without cable end
	Power circuit lugs-ring terminals
Tightening Torque	Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals Power circuit 20.36 lbf.in (2.3 N.m) lugs-ring terminals M4
Height	2.60 in (66 mm)
Width	1.77 in (45 mm)
Depth	2.99 in (76 mm)
Net Weight	0.32 lb(US) (0.144 kg)

Environment

Climatic Withstand	IACS E10	
Ip Degree Of Protection	IP20 conforming to IEC 60529	
Ambient Air Temperature For Operation	-4140 °F (-2060 °C) without derating IEC 60947-4-1	
Ambient Air Temperature For Storage	-76158 °F (-6070 °C)	
Mechanical Robustness	Shocks15 Gn for 11 ms IEC 60068-2-7 Vibrations3 GN IEC 60068-2-6	
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 EN 50495	
Product Certifications	IEC UL CSA EAC ABS ATEX INERIS UKCA	

Ordering and shipping details

Category	US10I1222347	
Discount Schedule	0112	
Gtin	3606480609862	
Returnability	No	
Country Of Origin	US	

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.27 in (8.3 cm)
Package 1 Width	2.83 in (7.2 cm)
Package 1 Length	1.77 in (4.5 cm)
Package 1 Weight	5.08 oz (144 g)

Unit Type Of Package 2	S02
Number Of Units In Package 2	12
Package 2 Height	5.91 in (15 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	7.72 lb(US) (3.5 kg)
Unit Type Of Package 3	P12
Number Of Units In Package 3	384
Package 3 Height	29.53 in (75 cm)
Package 3 Width	31.50 in (80 cm)
Package 3 Length	47.24 in (120 cm)
Package 3 Weight	132.28 lb(US) (60 kg)

Contractual warranty

Warranty 18 months

Sustainability Screen Premium

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



Mercury Free



Rohs Exemption Information

Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	End of Life Information
California Proposition 65	WARNING: Cancer - www.P65Warnings.ca.gov