Product data sheet

Specifications





TeSys Deca thermal overload relays - 23...32 A - class 20

LRD332L

Product availability: Stock - Normally stocked in distribution facility

Price*: 107.00 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	LC1D40A LC1D50A LC1D65A
network type	AC DC
Thermal overload class	Class 20 IEC 60947-4-1
Thermal protection adjustment range	2332 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 0.0020.004 in² (12.5 mm²) flexible without cable end		
	Control circuit screw clamp terminals 2 0.0020.004 in² (12.5 mm²) flexible with cable end Control circuit screw clamp terminals 2 0.0020.004 in² (12.5 mm²) solid without cable end Power circuit EverLink BTR screw connectors 1 0.0020.05 in² (135 mm²) flexible without cable end Power circuit EverLink BTR screw connectors 1 0.0020.05 in² (135 mm²) flexible with cable end		
		Power circuit EverLink BTR screw connectors 1 0.0020.05 in² (135 mm²) solid without cable end	
		Tightening torque	Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals
			Power circuit 44.3 lbf.in (5 N.m) EverLink BTR screw connectors
	Height	4.8 in (123 mm)	
Width	2.2 in (55 mm)		
Depth	4.8 in (123 mm)		
Net Weight	0.827 lb(US) (0.375 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)
Flame retardance	V1 conforming to UL 94
Mechanical robustness	Shocks15 Gn for 11 ms IEC 60068-2-7 Vibrations4 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 GB/T 14048.4 GB/T 14048.5
Product Certifications	IEC UL CSA CCC EAC DNV-GL RMRS EU-RO MR LROS (Lloyds register of shipping) UKCA

Ordering and shipping details

Category	US10I1222347
Discount Schedule	0112
GTIN	3389119215558
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.559 in (6.500 cm)
Package 1 Width	4.134 in (10.500 cm)
Package 1 Length	5.433 in (13.800 cm)
Package 1 Weight	14.568 oz (413.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	13
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	12.518 lb(US) (5.678 kg)

Contractual warranty

Warranty 18 months

Sustainability Green 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 >







Sustainable Packaging Transparency RoHS/REACh

Resource performance



Sustainable Packaging

Well-being performance

Reach Free Of Svhc

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information

Certifications & Standards

Reach Regulation REACh Declaration Compliant **Eu Rohs Directive 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 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

Yes