

Product data sheet

Specifications



TeSys Deca thermal overload relays , 17...25A , class 10A

LRD3322

Product availability: Stock - Normally stocked in distribution facility

Price*: 107.00 USD

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	LC1D80 LC1D95
network type	DC AC
Thermal overload class	Class 10A IEC 60947-4-1
Thermal protection adjustment range	17...25 A
[U] 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
Auxiliary contact composition	1 NO + 1 NC
[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	1000 V AC 0...400 Hz power circuit IEC 60947-4-1
Associated fuse rating	4 A gG for signalling circuit 4 A BS for signalling circuit
[U _{imp}] rated impulse withstand voltage	6 kV IEC 60947-1
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	-4.0000000000...140.0000000000 °F (-20...60 °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	Power circuit screw clamp terminals 1 0.006...0.05 in ² (4...35 mm ²) flexible without cable end
	Power circuit screw clamp terminals 1 0.006...0.05 in ² (4...35 mm ²) flexible with cable end
	Power circuit screw clamp terminals 1 0.006...0.05 in ² (4...35 mm ²) solid without cable end
	Control circuit screw clamp terminals 2 0.002...0.004 in ² (1...2.5 mm ²) flexible without cable end
	Control circuit screw clamp terminals 2 0.002...0.004 in ² (1...2.5 mm ²) flexible with cable end
	Control circuit screw clamp terminals 2 0.002...0.004 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 79.7 lbf.in (9 N.m) screw clamp terminals
Height	3.2 in (81 mm)
Width	2.8 in (70 mm)
Depth	4.5 in (115 mm)
Net Weight	1.12 lb(US) (0.51 kg)

Environment

Climatic withstand	IACS E10
IP degree of protection	IP20 conforming to IEC 60529
Ambient air temperature for operation	-4.0000000000...140.0000000000 °F (-20...60 °C) without derating IEC 60947-4-1
Ambient Air Temperature for Storage	-76.0000000000...158.0000000000 °F (-60...70 °C)
Flame retardance	V1 conforming to UL 94
Mechanical robustness	Vibrations6 Gn IEC 60068-2-6 Shocks15 Gn for 11 ms IEC 60068-2-7
Dielectric strength	2.2 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 EN 50495
Product Certifications	IEC UL CSA CCC EAC ATEX INERIS UKCA

Ordering and shipping details

Category	US10I1222347
Discount Schedule	0I12
GTIN	3389110519822
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
Package 1 Height	3.150 in (8.000 cm)
Package 1 Width	4.724 in (12.000 cm)
Package 1 Length	3.346 in (8.500 cm)
Package 1 Weight	17.566 oz (498.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	12
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	13.900 lb(US) (6.305 kg)

Contractual warranty

Warranty	18 months
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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-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 [Yes](#)

Certifications & Standards

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](#)

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