

Product data sheet

Specifications



TeSys Deca thermal overload relays , 95...120A , class 10A

LRD4367

Product availability: Stock - Normally stocked in distribution facility

Price*: 362.00 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	LC1D150 LC1D115
Network Type	AC DC
Thermal Overload Class	Class 10A IEC 60947-4-1
Thermal Protection Adjustment Range	95...120 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	0.06 A 440 V DC-13 signalling circuit 0.12 A 600 V AC-15 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...140 °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 0.01...0.05 in ² (4...35 mm ²) flexible with cable end Control circuit screw clamp terminals 2 0.00...0.00 in ² (1...2.5 mm ²) flexible without cable end Control circuit screw clamp terminals 2 0.00...0.00 in ² (1...2.5 mm ²) flexible with cable end Control circuit screw clamp terminals 2 0.00...0.00 in ² (1...2.5 mm ²) solid without cable end Power circuit screw clamp terminals 1 0.01...0.08 in ² (4...50 mm ²) flexible without cable end Power circuit screw clamp terminals 1 0.01...0.08 in ² (4...50 mm ²) solid without cable end
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Tightening Torque	Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals Power circuit 79.66 lbf.in (9 N.m) screw clamp terminals
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Depth	5.20 in (132 mm)
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Net Weight	1.98 lb(US) (0.9 kg)
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Environment

Climatic Withstand	IACS E10
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Ip Degree Of Protection	IP20 conforming to IEC 60529
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Ambient Air Temperature For Operation	-4...140 °F (-20...60 °C) without derating IEC 60947-4-1
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Ambient Air Temperature For Storage	-76...158 °F (-60...70 °C)
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Flame Retardance	V1 conforming to UL 94
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Mechanical Robustness	Vibrations6 Gn IEC 60068-2-6 Shocks15 Gn for 11 ms IEC 60068-2-7
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Dielectric Strength	2.2 kV 50 Hz IEC 60947-1
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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
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Product Certifications	IEC UL CSA CCC EAC ATEX INERIS
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Ordering and shipping details

Category	US10I1222347
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Discount Schedule	0112
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Gtin	3389110523348
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Returnability	Yes
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Country Of Origin	FR
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Packing Units

Unit Type Of Package 1	PCE
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Number Of Units In Package 1	1
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Package 1 Height	5.98 in (15.2 cm)
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Package 1 Width	5.43 in (13.8 cm)
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Package 1 Length	4.02 in (10.2 cm)
Package 1 Weight	29.42 oz (834.0 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	10
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	19.49 lb(US) (8.84 kg)
Unit Type Of Package 3	P06
Number Of Units In Package 3	80
Package 3 Height	30.31 in (77.0 cm)
Package 3 Width	31.50 in (80.0 cm)
Package 3 Length	23.62 in (60.0 cm)
Package 3 Weight	174.65 lb(US) (79.22 kg)

Contractual warranty

Warranty	18 months
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Sustainability

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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](#)

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