# **Product data sheet**

Specification





# TeSys Deca thermal overload relays - 7...10 A - class 20

LRD14L

Product availability: Stock - 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	
	LC1D12	
	LC1D32	
	LC1D09	
	LC1D18	
	LC1D38	
Network Type	AC	
	DC	
Thermal Overload Class	Class 20 IEC 60947-4-1	
Thermal Protection Adjustment Range	710 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

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

Temperature Compensation	-4140 °F (-2060 °C)	
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 in² (12.5 mm²) flexible with cable end Control circuit screw clamp terminals 2 0.000.00 in² (12.5 mm²) solid without cable end Power circuit screw clamp terminals 1 0.000.02 in² (1.510 mm²) flexible without cable end Power circuit screw clamp terminals 1 0.000.01 in² (14 mm²) flexible with cable end Power circuit screw clamp terminals 1 0.000.01 in² (16 mm²) solid without cable end	
Tightening Torque	Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals Power circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals	
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	3606480609596	
Returnability	Yes	
Country Of Origin	TH	

## **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	6.21 oz (176.0 g)	
Unit Type Of Package 2	S02	
Number Of Units In Package 2	24	
Package 2 Height	5.91 in (15.0 cm)	
Package 2 Width	11.81 in (30.0 cm)	
Package 2 Length	15.75 in (40.0 cm)	
Package 2 Weight	10.47 lb(US) (4.747 kg)	
Unit Type Of Package 3	P12	
Number Of Units In Package 3	768	
Package 3 Height	31.50 in (80.0 cm)	
Package 3 Width	29.53 in (75.0 cm)	
Package 3 Length	47.24 in (120.0 cm)	
Package 3 Weight	245.51 lb(US) (111.36 kg)	

## **Contractual warranty**

Warranty 18 months

## Sustainability Screen Premium

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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.

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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: 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