



# TeSys Deca thermal overload relays, 5.5...8A, class 20

LRD1512

Product availability: Stock - Normally stocked in distribution facility

Price\*: 62.00 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	LC1D12 LC1D25 LC1D18 LC1D32 LC1D09	
Network type	DC AC	
Thermal overload class	Class 20 IEC 60947-4-1	
Thermal protection adjustment range	5.58 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	1.5 A 240 V AC-15 signalling circuit 0.1 A 250 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 screw clamp terminals 1 0.0020.02 in² (1.510 mm²) flexible without cable end	
	Power circuit screw clamp terminals 1 0.0020.006 in² (14 mm²) flexible with cable end	
	Power circuit screw clamp terminals 1 0.0020.009 in $^2$ (16 mm $^2$ ) solid without cable end	
Tightening torque	Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals Power circuit 16.37 lbf.in (1.85 N.m) screw clamp terminals	
Width	1.8 in (45 mm)	
Depth	3.6 in (92 mm)	
Product Weight	0.42 lb(US) (0.19 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)	
Fire resistance	1562 °F (850 °C) IEC 60695-2-1	
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	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	
Product Certifications	IEC UL CSA EAC DNV-GL LROS (Lloyds register of shipping) UKCA	

# Ordering and shipping details

Category	US10I1222347	
Discount Schedule	0112	
GTIN	3389110146707	
Returnability	Yes	
Country of origin	FR	

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.07 in (7.8 cm)

Package 1 Width	3.8 in (9.6 cm)
Package 1 Length	2.1 in (5.4 cm)
Package 1 Weight	8.08 oz (229.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	25
Package 2 Height	5.9 in (15.0 cm)
Package 2 Width	11.8 in (30.0 cm)
Package 2 Length	15.7 in (40.0 cm)
Package 2 Weight	13.353 lb(US) (6.057 kg)

# **Contractual warranty**

Warranty 18 months

# Sustainability Screen Premium\*

**Green Premium**<sup>TM</sup> **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-CO<sub>2</sub> 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



Reach Free Of Svhc



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
Circularity Profile	End of Life Information
California Proposition 65	WARNING: Cancer - www.P65Warnings.ca.gov

Oct 22, 2024