# Product data sheet

Specifications



(!) Discontinued

# TeSys Deca thermal overload relays - 4...6 A - class 20

LR3D10L6

() Discontinued on: Dec 23, 2020

#### Main

Range	TeSys
Product Name	TeSys LRD
	TeSys Deca
Product Or Component Type	Non differential thermal overload relay
Device Short Name	LR3D
Relay Application	Motor protection
Product Compatibility	LC1D09
	LC1D25
	LC1D12
	LC1D32
	LC1D18
	LC1D38
Network Type	AC
	DC
Thermal Overload Class	Class 20 IEC 60947-4-1
Thermal Protection Adjustment Range	46 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 in <sup>2</sup> (12.5 mm <sup>2</sup> ) flexible without cable end
	Control circuit screw clamp terminals 2 0.000.00 in <sup>2</sup> (12.5 mm <sup>2</sup> ) flexible with cable end
	Control circuit screw clamp terminals 2 0.000.00 in <sup>2</sup> (12.5 mm <sup>2</sup> ) solid without cable end
	Power circuit lugs-ring terminals
Tightening Torque	Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals
	Power circuit 20.36 lbf.in (2.3 N.m) lugs-ring terminals M4
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 60947-5-1 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

# Ordering and shipping details

Category	22347-CONTACTOR, D-LINE, OVERLOADS-NEW
Discount Schedule	112
Gtin	3606480609930
Returnability	No
Country Of Origin	тн

### **Packing Units**

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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	5.08 oz (144 g)

# **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

Mercury Free

Rohs Exemption Information Yes

#### **Certifications & Standards**

Eu Rohs Directive	Compliant
	EU RoHS Declaration
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.
California Proposition 65	WARNING: Cancer - www.P65Warnings.ca.gov