Product data sheet

Specifications



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

LR3D14L6

() Discontinued on: Oct 8, 2021

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	LC1D32	
	LC1D18	
	LC1D25	
	LC1D12	
	LC1D09	
	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 lr 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 0.0020.004 in ² (12.5 mm ²) flexible without cable end
	Control circuit screw clamp terminals 2 0.0020.004 in ² (12.5 mm ²) flexible with cable end
	Control circuit screw clamp terminals 2 0.0020.004 in ² (12.5 mm ²) 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 20.4 lbf.in (2.3 N.m) lugs-ring terminals M4
Height	2.6 in (66 mm)
Width	1.8 in (45 mm)
Depth	3.0 in (76 mm)
Net Weight	0.317 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	3606480609954	
Returnability	No	
Country of origin	ТН	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.3 in (8.3 cm)
Package 1 Width	2.8 in (7.2 cm)
Package 1 Length	1.8 in (4.5 cm)
Package 1 Weight	5.08 oz (144 g)

Contractual warranty

Warranty

18 months

Sustainability Screen

Green PremiumTM 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-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Yes

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance



Rohs Exemption Information

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