

TeSys Deca, thermal overload relay, 23 to 32 A, class 10A, for LC1D80 and LC1D95

LRD3353

Product availability: Stock - Normally stocked in distribution facility

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	LC1D80 LC1D95	
network type	AC DC	
Thermal overload class	Class 10A IEC 60947-4-1	
Thermal protection adjustment range	2332 A	
[Ui] rated insulation voltage	Power circuit 1000 V IEC 60947-4-1 Power circuit 600 V CSA Power circuit 600 V UL	

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	0.72 A 500 V AC-15 signalling circuit 0.06 A 440 V DC-13 signalling circuit	
[Ue] rated operational voltage	1000 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 IEC 60947-1	
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	Power circuit screw clamp terminals 1 0.0060.05 in² (435 mm²) flexible without cable end		
	Power circuit screw clamp terminals 1 0.0060.05 in ² (435 mm ²) flexible with cable end		
	Power circuit screw clamp terminals 1 0.0060.05 in² (435 mm²) solid without cable end		
	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 $0.0020.004~\text{in}^2~(12.5~\text{mm}^2)$ solid without cable end		
Tightening torque	Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals		
	Power circuit 79.7 lbf.in (9 N.m) screw clamp terminals		
Height	3.2 in (81 mm)		
Width	2.8 in (70 mm)		
Depth	4.5 in (115 mm)		
Net Weight	1.12 lb(US) (0.51 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)	
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	2.2 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 GB/T 14048.4 GB/T 14048.5 EN 50495	
Product Certifications	IEC UL CSA CCC EAC ATEX INERIS UKCA	

Ordering and shipping details

Category	US10I1222347	
Discount Schedule	0112	
GTIN	3389110519921	
Returnability	Yes	
Country of origin	FR	

Packing Units

Unit Type of Package 1	PCE	

Number of Units in Package 1	1	
Package 1 Height	3.15 in (8.0 cm)	
Package 1 Width	3.46 in (8.8 cm)	
Package 1 Length	4.72 in (12.0 cm)	
Package 1 Weight	17.6 oz (498.0 g)	
Unit Type of Package 2	S02	
Number of Units in Package 2	12	
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	13.93 lb(US) (6.32 kg)	
Unit Type of Package 3	P06	
Number of Units in Package 3	192	
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	241.67 lb(US) (109.62 kg)	

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

⊘ Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	6
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
EU RoHS Directive	Compliant
REACh Regulation	REACh Declaration
China RoHS Regulation	China RoHS declaration
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

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No