

# TeSys Deca, thermal overload relay, 48 to 65 A, class 10A, EVERLINK

LRD365

Product availability: Stock - Normally stocked in distribution facility

### 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	LC1D65A LC1D50A	
network type	DC AC	
Thermal overload class	Class 10A IEC 60947-4-1	
Thermal protection adjustment range	4865 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	0.95 A 380 V AC-15 signalling circuit 0.06 A 440 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 EverLink BTR screw connectors 1 0.0020.05 in² (135 mm²) flexible without cable end Power circuit EverLink BTR screw connectors 1 0.0020.05 in² (135 mm²) flexible with cable end Power circuit EverLink BTR screw connectors 1 0.0020.05 in² (135 mm²) solid	
Tightening torque	without cable end  Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals  Power circuit 44.3 lbf.in (5 N.m) EverLink BTR screw connectors	
Height	2.8 in (70 mm)	
Width	2.2 in (55 mm)	
Depth	4.8 in (123 mm)	
Net Weight	0.827 lb(US) (0.375 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	Shocks15 Gn for 11 ms IEC 60068-2-7 Vibrations4 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 GB/T 14048.4 GB/T 14048.5 EN 50495	
Product Certifications	IEC UL CSA CCC EAC DNV-GL RMRS EU-RO MR LROS (Lloyds register of shipping) ATEX INERIS UKCA	

# Ordering and shipping details

Category	US10I1222347	
Discount Schedule	0112	
GTIN	3389119215510	
Returnability	Yes	
Country of origin	FR	

# **Packing Units**

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	2.44 in (6.200 cm)	
Package 1 Width	4.33 in (11.000 cm)	
Package 1 Length	5.51 in (14.000 cm)	
Package 1 Weight	13.898 oz (394.000 g)	
Unit Type of Package 2	S02	
Number of Units in Package 2	13	
Package 2 Height	5.91 in (15.000 cm)	
Package 2 Width	11.81 in (30.000 cm)	
Package 2 Length	15.75 in (40.000 cm)	
Package 2 Weight	12.022 lb(US) (5.453 kg)	
Unit Type of Package 3	P06	
Number of Units in Package 3	208	
Package 3 Height	29.53 in (75.000 cm)	
Package 3 Width	23.62 in (60.000 cm)	
Package 3 Length	31.50 in (80.000 cm)	
Package 3 Weight	215.462 lb(US) (97.732 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)	4
Environmental Disclosure	Product Environmental Profile

#### **Use Better**

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
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