Specifications



# TeSys LRD thermal overload relays - 48...65 A - class 10A

LRD365

#### 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 conforming to IEC 60947-4-1	
Thermal protection adjustment range	4865 A	
[Ui] rated insulation voltage	Power circuit: 600 V conforming to CSA Power circuit: 600 V conforming to UL Power circuit: 690 V conforming to 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 conforming to IEC 60947-4-1	
Auxiliary contact composition	1 NO + 1 NC	
[Ith] conventional free air thermal current	5 A for signalling circuit	
Permissible current	0.95 A at 380 V AC-15 for signalling circuit 0.06 A at 440 V DC-13 for signalling circuit	
[Ue] rated operational voltage	690 V AC 0400 Hz for power circuit conforming to 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	-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 cable(s) 12.5 mm <sup>2</sup> flexible without cable end Control circuit: screw clamp terminals 2 cable(s) 12.5 mm <sup>2</sup> flexible with cable end Control circuit: screw clamp terminals 2 cable(s) 12.5 mm <sup>2</sup> solid without cable end Power circuit: EverLink BTR screw connectors 1 cable(s) 135 mm <sup>2</sup> flexible without cable end Power circuit: EverLink BTR screw connectors 1 cable(s) 135 mm <sup>2</sup> flexible with cable end Power circuit: EverLink BTR screw connectors 1 cable(s) 135 mm <sup>2</sup> solid without cable end Power circuit: EverLink BTR screw connectors 1 cable(s) 135 mm <sup>2</sup> solid without cable end	
Tightening torque	Control circuit: 1.7 N.m - on screw clamp terminals Power circuit: 5 N.m - on EverLink BTR screw connectors	
Height	70 mm	
Width	55 mm	
Depth	123 mm	
Net weight	0.375 kg	

## Environment

Climatic withstand	conforming to IACS E10	
IP degree of protection	IP20 conforming to IEC 60529	
Ambient air temperature for operation	-2060 °C without derating conforming to IEC 60947-4-1	
Ambient air temperature for storage	-6070 °C	
Flame retardance	V1 conforming to UL 94	
Mechanical robustness	Shocks: 15 Gn for 11 ms conforming to IEC 60068-2-7 Vibrations: 4 gn conforming to IEC 60068-2-6	
Dielectric strength	1.89 kV at 50 Hz conforming to 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 DNV-GL RMRS EU-RO MR LROS (Lloyds register of shipping) ATEX INERIS UKCA	

## **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.200 cm
Package 1 Width	11.000 cm
Package 1 Length	14.000 cm
Package 1 Weight	394.000 g
Unit Type of Package 2	S02

Number of Units in Package 2	13
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	5.453 kg
Unit Type of Package 3	P06
Number of Units in Package 3	208
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	97.732 kg

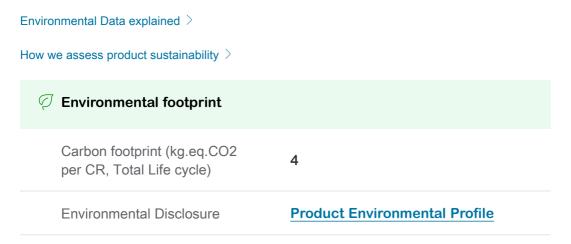
## **Contractual warranty**

Warranty

18 months

## Environmental Data

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.



#### **Use Better**

S Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACh Regulation	<b>REACh Declaration</b>
China RoHS Regulation	China RoHS declaration

## **Use Again**

$\bigcirc$ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	Νο