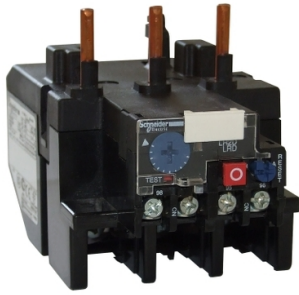


Product datasheet

Specifications



TeSys LRD thermal overload relays - 17...25 A - class 10A - 1000V

LRD3322A66

⚠ Discontinued on: 17 Mar 2022

⚠ End-of-service on: 30 Dec 2022

⚠ Discontinued

Main

Range	TeSys
Product Name	TeSys LRD
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 conforming to IEC 60947-4-1
Thermal Protection Adjustment Range	17...25 A
[Ui] Rated Insulation Voltage	Power circuit: 1000 V conforming to IEC 60947-4-1 Power circuit: 600 V conforming to CSA Power circuit: 600 V conforming to UL

Complementary

Network Frequency	0...400 Hz
Mounting Support	Plate, with specific accessories Rail, with specific accessories Under contactor
Tripping Threshold	1.14 +/- 0.06 I _r conforming to IEC 60947-4-1
Auxiliary Contact Composition	1 NO + 1 NC
[I _{th}] Conventional Free Air Thermal Current	5 A for signalling circuit
Permissible Current	0.72 A at 500 V AC-15 for signalling circuit 0.06 A at 440 V DC-13 for signalling circuit
[U _e] Rated Operational Voltage	1000 V AC 0...400 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
[U _{imp}] Rated Impulse Withstand Voltage	6 kV conforming to IEC 60947-1
Phase Failure Sensitivity	Tripping current 130 % of I _r on two phase, the last one at 0
Control Type	Red push-button: stop Blue push-button: reset
Temperature Compensation	-20...60 °C
Connection Pitch	17.5 mm

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Connections - Terminals	Control circuit: screw clamp terminals 2 cable(s) 1...2.5 mm ² flexible without cable end Control circuit: screw clamp terminals 2 cable(s) 1...2.5 mm ² flexible with cable end Control circuit: screw clamp terminals 2 cable(s) 1...2.5 mm ² solid without cable end Power circuit: lugs-ring terminals
Tightening Torque	Control circuit: 1.7 N.m - on screw clamp terminals Power circuit: 11.3 N.m - on lugs-ring terminals M10
Height	81 mm
Width	70 mm
Depth	115 mm
Net Weight	0.51 kg

Environment

Ip Degree Of Protection	IP20 conforming to IEC 60529
Ambient Air Temperature For Operation	-20...60 °C without derating conforming to IEC 60947-4-1
Ambient Air Temperature For Storage	-60...70 °C
Flame Retardance	V1 conforming to UL 94
Mechanical Robustness	Vibrations: 6 Gn conforming to IEC 60068-2-6 Shocks: 15 Gn for 11 ms conforming to IEC 60068-2-7
Dielectric Strength	2.2 kV at 50 Hz conforming to 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
Product Certifications	IEC UL CSA CCC EAC

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.7 cm
Package 1 Width	8.5 cm
Package 1 Length	11.8 cm
Package 1 Weight	402 g

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class 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.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Reach Free Of Svhc

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Eu Rohs Directive Compliant
[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)
Pro-active China RoHS declaration (out of China RoHS legal scope)

Environmental Disclosure [Product Environmental Profile](#)
