## **Product datasheet**

Specification





# TeSys LRD thermal overload relays - 17...25 A - class 20

LRD1522

Price: 3,649.45 ZAR

#### 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	LC1D32 LC1D25
Network Type	AC DC
Thermal Overload Class	Class 20 conforming to IEC 60947-4-1
Thermal Protection Adjustment Range	1725 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	1.5 A at 240 V AC-15 for signalling circuit 0.1 A at 250 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

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



Control circuit: screw clamp terminals 2 cable(s) 12.5 mm² flexible without cable end
Control circuit: screw clamp terminals 2 cable(s) 12.5 mm² flexible with cable end
Control circuit: screw clamp terminals 2 cable(s) 12.5 mm² solid without cable end
Power circuit: screw clamp terminals 1 cable(s) 1.510 mm² flexible without cable end
Power circuit: screw clamp terminals 1 cable(s) 14 mm² flexible with cable end
Power circuit: screw clamp terminals 1 cable(s) 16 mm² solid without cable end
Control circuit: 1.7 N.m - on screw clamp terminals
Power circuit: 1.85 N.m - on screw clamp terminals
45 mm
92 mm

#### **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
Fire Resistance	850 °C conforming to IEC 60695-2-1
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	1.89 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
Product Certifications	IEC UL CSA EAC DNV-GL LROS (Lloyds register of shipping) UKCA

## **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.800 cm
Package 1 Width	9.500 cm
Package 1 Length	5.300 cm
Package 1 Weight	230.000 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	25
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	5.941 kg

## **Contractual warranty**

Warranty

18 months

## Sustainability Green Premium

**Green Premium**<sup>TM</sup> **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-CO<sub>2</sub> 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



Rohs Exemption Information

Yes

#### **Certifications & Standards**

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration  Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information