Product data sheet

Specifications

Green Premium™

BIMETALLIC OVERLOAD RELAY 575VAC 25A IEC

LR3D1522A1

Discontinued

Main

Range	TeSys
Product Name	TeSys LRD
Product Or Component Type	Differential thermal overload relay
Device Short Name	LR3D
Relay Application	Motor protection
Product Compatibility	LC1D25 LC1D32 GV2L GV3L
Network Type	DC AC
Thermal Protection Adjustment Range	17…25 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	0...400 Hz
Mounting Support	Rail, with specific accessories Independent mounting
Tripping Threshold	1.14 +/- 0.06 Ir IEC 60947-4-1
[Ith] Conventional Free Air Thermal Current	5 A signalling circuit
Permissible Current	1.5 A 240 V AC-15 signalling circuit 0.1 A 250 V DC-13 signalling circuit
[Ue] Rated Operational Voltage	1000 V AC 0...400 Hz power circuit IEC 60947-4-1
[Uimp] Rated Impulse Withstand Voltage	6 kV
Phase Failure Sensitivity	Tripping current I 30 % of Ir on one phase, the others at Ir IEC 60947-4-1
Control Type	Red push-button stop Blue push-button reset
Temperature Compensation	-4…140 °F (-20…60 °C)
Tightening Torque	Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals Power circuit 16.37 lbf.in (1.85 N.m) screw clamp terminals
Width	1.77 in (45 mm)
Depth	3.62 in (92 mm)
Net Weight	0.42 lb(US) (0.19 kg)

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Environment

Ip Degree Of Protection	IP20 conforming to IEC 60529
Ambient Air Temperature For Operation	-4…140 °F (-20…60 °C) without derating IEC 60947-4-1
Ambient Air Temperature For Storage	-76…158 °F (-60…70 °C)
Dielectric Strength	6 kV 50 Hz IEC 60255-5
Standards	EN 60947-4-1 EN 60947-5-1 IEC 60947-5-1 UL 508 IEC 60947-4-1 ATEX D 94/9/CE CSA C22.2 No 14
Product Certifications	ATEX INERIS UL RINA CCC BV DNV GL GOST LROS (Lloyds register of shipping) CSA

Ordering and shipping details

Category	22347-CONTACTOR,D-LINE,OVERLOADS-NEW
Discount Schedule	I12
Gtin	00785901899341
Returnability	No
Country Of Origin	FR

Contractual warranty

Warranty	18 months

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-CO_2 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

Certifications & Standards

Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
California Proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov