LR9D08

Overload relay, TeSys LRD, motor protection, 1.6A to 8A, 3 phase, withstand 6kV impulse, 2kV surge, electronic thermal





Main

Range TeSys Product name TeSys LRD Device short name LR9D Product or Component Type Relay application Motor protection Product Compatibility LC1D12 LC1D32 LC1D38 LC1D09 LC1D25 LC1D18 Thermal overload class Class 530 Thermal protection 1.68 A adjustment range Power Consumption in W Mounting support Under contactor Plate, with specific accessories Rail, with specific accessories		
Device short name LR9D Product or Component Type Relay application Motor protection Product Compatibility LC1D12 LC1D32 LC1D38 LC1D09 LC1D25 LC1D18 Thermal overload class Class 530 Thermal protection 1.68 A adjustment range Power Consumption in W Mounting support Under contactor Plate, with specific accessories	Range	TeSys
Product or Component Type Relay application Product Compatibility LC1D12 LC1D32 LC1D38 LC1D09 LC1D25 LC1D18 Thermal overload class Class 530 Thermal protection 1.68 A adjustment range Power Consumption in W Mounting support Electronic thermal overload relay LC1D12 LC1D25 LC1D38 LC1D09 LC1D25 LC1D18 Thermal overload class Class 530 Under contactor Plate, with specific accessories	Product name	TeSys LRD
Type Relay application Motor protection Product Compatibility LC1D12 LC1D32 LC1D38 LC1D09 LC1D25 LC1D18 Thermal overload class Class 530 Thermal protection adjustment range Power Consumption in W Mounting support Under contactor Plate, with specific accessories	Device short name	LR9D
Product Compatibility LC1D12 LC1D32 LC1D38 LC1D09 LC1D25 LC1D18 Thermal overload class Class 530 Thermal protection adjustment range Power Consumption in W Mounting support Under contactor Plate, with specific accessories		Electronic thermal overload relay
LC1D32 LC1D38 LC1D09 LC1D25 LC1D18 Thermal overload class Class 530 Thermal protection adjustment range Power Consumption in W Mounting support Under contactor Plate, with specific accessories	Relay application	Motor protection
Thermal protection adjustment range Power Consumption in W Mounting support Under contactor Plate, with specific accessories	Product Compatibility	LC1D32 LC1D38 LC1D09 LC1D25
adjustment range Power Consumption in W Mounting support Under contactor Plate, with specific accessories	Thermal overload class	Class 530
Mounting support Under contactor Plate, with specific accessories	•	1.68 A
Plate, with specific accessories	•	300 mW
	Mounting support	Plate, with specific accessories

Complementary

[Ue] rated operational voltage	690 V power circuit 660 V signalling circuit
[Ui] rated insulation voltage	Power circuit 1000 V Signalling circuit 690 V
Tripping threshold	1.25 In IEC 60947-4-1
Control type	Red push-button stop and manual reset White 2 microswitches adjustable trip class Red knob automatic reset White dial full-load current adjustment
Time range	1.54 min - automatic reset time
[lth] conventional free air thermal current	5 A signalling circuit
Associated fuse rating	5 A gG for signalling circuit 5 A BS for signalling circuit
[Uimp] rated impulse withstand voltage	6 kV
Phase failure sensitivity	Phase difference > 40% 3 s IEC 60947-4-1
Electromagnetic compatibility	Surge withstand 2 kV common mode IEC 61000-4-5 Resistance to electrostatic discharge 8 kV IEC 61000-4-2 Immunity to radiated radio-electrical interference 10 V/m IEC 61000-4-3 Immunity to fast transients 2 kV IEC 61000-4-4
Connections - terminals	Control circuit screw clamp terminals 1 0.00 in² (2.5 mm²) solid or flexible - without cable end Power circuit screw clamp terminals 1 0.02 in² (16 mm²) solid or flexible - without cable end
Tightening torque	Control circuit 0.8 N.m screw clamp terminals Power circuit 3.1 N.m screw clamp terminals
Height	2.85 in (72.5 mm)
Width	1.77 in (45 mm)
Depth	3.15 in (79.9 mm)
Net Weight	0.40 lb(US) (0.18 kg)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherent or and is not to be used for determining suitability or inhability of these products for specific user applications. It is the dourn aren in integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Chandanda	FN//FC C0047 4 4	
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	IECEE CB Scheme[RETURN]UL[RETURN]CSA[RETURN]CCC	
IP degree of protection	IP20 front face IEC 60529	
Ambient air temperature for operation	-13158 °F (-2570 °C) IEC 60255-8	
Ambient Air Temperature for Storage	-67176 °F (-5580 °C)	
Operating altitude	6561.68 ft (2000 m) without derating	
Mechanical robustness	Vibrations 10150 Hz6 Gn IEC 60068-2-6	
	Shocks 11 ms15 gn IEC 60068-2-7	
Dielectric strength	6 kV 50 Hz IEC 60255-5	

Ordering and shipping details

Category	US10I1222348
Discount Schedule	0112
GTIN	3606485420943
Returnability	Yes
Country of origin	CN

Packing Units

•	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.09 in (5.3 cm)
Package 1 Width	2.91 in (7.4 cm)
Package 1 Length	3.54 in (9.0 cm)
Package 1 Weight	7.79 oz (220.96 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	30
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	14.61 lb(US) (6.629 kg)

Offer Sustainability

Green Premium product
WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
[™] REACh Declaration
Compliant with Exemptions
Yes
[™] China RoHS Declaration
€Yes
The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.