Product datasheet

Specifications



thermal overload relay for motor - TeSys LR.D - 5.5...8 A - class 10A

LR2D1312

EAN Code: 3389110232592

Discontinued

Main

Range of product	TeSys D
Device short name	LR2D
Product or component type	Thermal overload relay
Relay application	Motor protection
Protection type	BS fuse 5 A - for control circuit GB2 circuit breaker 5 A - for control circuit GG fuse 5 A - for control circuit
Connections - terminals	Control circuit: screw clamp terminals 1 x 1…2.5 mm²flexible with cable end Control circuit: screw clamp terminals 1 x 1…2.5 mm²flexible without cable end Control circuit: screw clamp terminals 2 x 1…2.5 mm²flexible with cable end Control circuit: screw clamp terminals 2 x 1…2.5 mm²flexible without cable end Control circuit: screw clamp terminals 2 x 1…2.5 mm²solid without cable end
Quantity per set	Set of 10

Complementary

Network frequency	50/60 Hz
Mounting support	Plate, with EverLink power terminal block Rail, with EverLink power terminal block
Tripping threshold	1.14 +/-0.06 In A conforming to IEC 60947-4-1
Surge withstand	6 kV conforming to IEC 60801-5
[Ue] rated operational voltage	690 V AC 50/60 Hz for power circuit conforming to IEC 60947-4-1
Phase failure sensitivity	Tripping current I 30 % of Ir on one phase, the others at Ir conforming to IEC 60947-4-1
Tightening torque	Control circuit: 1.7 N.m on screw clamp terminals
Height	121 mm
Width	75 mm
Depth	100 mm

Environment

Standards	EN 60947-5-1 IEC 60947-4-1 IEC 60947-5-1 CSA C22.2 No 14 Directive ATEX 94/9/EC UL 508 EN 60947-4-1

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

Product certifications	GL RINA UL LROS (Lloyds register of shipping) CCC CSA GOST BV DNV ATEX INERIS
Protective treatment	TH conforming to IEC 60068
IP degree of protection	IP2X conforming to VDE 0106
Ambient air temperature for operation	-20…60 °C conforming to IEC 60947-4-1
Fire resistance	850 °C conforming to IEC 60695-2-1
Shock resistance	15 gn 11 ms conforming to IEC 60068-2-7
Vibration resistance	6 gn on plate conforming to IEC 60068-2-6
Dielectric strength	6 kV 50 Hz conforming to IEC 60255-5

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.

Environmental Data explained >

How we assess product sustainability >

Use Again

Repack and remanufacture

WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins