



Main

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

Complementary

Network frequency	50/60 Hz
Mounting support	Rail with EverLink power terminal block Plate 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	CSA C22-2 No 14 Directive ATEX 94/9/EC EN 60947-4-1 EN 60947-5-1 IEC 60947-4-1 IEC 60947-5-1 UL 508
Product certifications	ATEX INERIS BV CCC CSA DNV GL GOST LROS (Lloyds register of shipping) RINA UL
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 at 50 Hz conforming to IEC 60255-5