Product datasheet

Specifications



thermal overload relay for motor - TeSys LR.D - 30...40 A - class 10A

LR2D3355

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

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

	RINA GL BV LROS (Lloyds register of shipping) DNV ATEX INERIS GOST CSA 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 50 Hz conforming to IEC 60255-5

Packing Units

Package 1 Weight	0.496 kg
Package 1 Height	0.780 dm
Package 1 width	1.200 dm
Package 1 Length	0.850 dm

Contractual warranty

Warranty	18 months

Recommended replacement(s)

LR2D3355 is replaced by:

1x 

TeSys LRD thermal overload relays - 30...40 A - class 10A

LRD3355