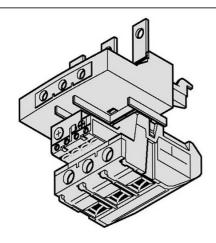
LRD4365

thermal overload relay for motor TeSys - 80...104 A - class 10A



Main	
Range of product	TeSys D
Device short name	LRD
Product or component type	Differential thermal overload relay
Relay application	Motor protection
Product compatibility	LC1D115 LC1D150
Network type	AC
Overload tripping class	Class 10A IEC 60947-4-1
Thermal protection adjustment range	80104 A
Protection type	BS88 fuse 160 A power circuit BS fuse 5 A control circuit GB2 circuit breaker 5 A control circuit AM fuses 125 A power circuit GG fuse 200 A power circuit GG fuse 5 A control circuit
Connections - terminals	Screw clamp terminals power circuit 1 450 mm² solid without Screw clamp terminals power circuit 1 435 mm² flexible with Screw clamp terminals control circuit 1 12,5 mm² flexible without Screw clamp terminals control circuit 2 12,5 mm² flexible without Screw clamp terminals control circuit 1 12,5 mm² flexible with Screw clamp terminals control circuit 2 12,5 mm² flexible with Screw clamp terminals control circuit 2 12,5 mm² flexible with Screw clamp terminals power circuit 1 450 mm² flexible without Screw clamp terminals control circuit 2 12,5 mm² solid without Screw clamp terminals control circuit 1 12,5 mm² solid without

Set of 10

Complementary

Network frequency	<= 400 Hz
Mounting support	Plate with specific accessories Rail with specific accessories Under contactor
Tripping threshold	1.14 +/- 0.06 Ir IEC 60947-4-1
Surge withstand	6 kV IEC 60801-5
[lth] conventional free air thermal current	5 A control circuit
[Ue] rated operational voltage	1000 V AC 50/60 Hz power circuit IEC 60947-4-1
[Ui] rated insulation voltage	600 V power circuit CSA 600 V power circuit UL 1000 V 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
Reset	Automatic reset Manual reset
Temperature compensation	-2060 °C
Tightening torque	1,7 N.m control circuit screw clamp terminals 9 N.m power circuit screw clamp terminals
Height	132 mm

Quantity per set

Width	95 mm	
Product weight	0,9 kg	
Environment		
Standards	CSA C22-2 No 14 EN 60947-4-1 EN 60947-5-1 IEC 60947-4-1 IEC 60947-5-1 UL 508	
Product certifications	BV CCC CSA GOST RINA UL	
Protective treatment	TH IEC 60068	
IP degree of protection	IP2x VDE 0106	
Ambient air temperature for operation	-4070 °C with derating IEC 60947-4-1 -2060 °C without derating IEC 60947-4-1	
Ambient air temperature for storage	-6070 °C	
Fire resistance	850 °C IEC 60695-2-1	
Shock resistance	15 gn 11 ms IEC 60068-2-7	
Vibration resistance	6 gn on plate IEC 60068-2-6	
Dielectric strength	6 kV 50 Hz IEC 60255-5	
RoHS EUR conformity date	0849	
RoHS EUR status	Compliant	

