



Main

Range of product	TeSys D thermal overload relays
Product or component type	Differential thermal overload relay
Device short name	LRD
Relay application	Motor protection
Product compatibility	LC1D80 LC1D95
Network type	AC DC
Overload tripping class	Class 10A conforming to IEC 60947-4-1
Thermal protection adjustment range	55...70 A
[Ui] rated insulation voltage	600 V power circuit conforming to UL 600 V power circuit conforming to CSA 1000 V power circuit conforming to IEC 60947-4-1

Complementary

Network frequency	0...400 Hz
Mounting support	Under contactor
Tripping threshold	1.14 +/- 0.06 I _r conforming to IEC 60947-4-1
[I _{th}] conventional free air thermal current	5 A for signalling circuit
Permissible current	0.06 A at 440 V DC-13 for signalling circuit 0.72 A at 500 V AC-15 for signalling circuit
[U _e] rated operational voltage	690 V AC 0...400 Hz
[U _{imp}] rated impulse withstand voltage	6 kV
Phase failure sensitivity	Tripping current 130 % of I _r on two phase, the last one at 0
Temperature compensation	-30...60 °C
Connections - terminals	Control circuit: screw clamp terminals 2 cable(s) 1...2.5 mm ² - cable stiffness: solid - without cable end Control circuit: screw clamp terminals 2 cable(s) 1...2.5 mm ² - cable stiffness: flexible - with cable end Control circuit: screw clamp terminals 2 cable(s) 1...2.5 mm ² - cable stiffness: flexible - without cable end Power circuit: screw clamp terminals 1 cable(s) 4...35 mm ² - cable stiffness: solid - without cable end Power circuit: screw clamp terminals 1 cable(s) 4...35 mm ² - cable stiffness: flexible - with cable end Power circuit: screw clamp terminals 1 cable(s) 4...35 mm ² - cable stiffness: flexible - without cable end
Tightening torque	Power circuit: 9 N.m - on screw clamp terminals Control circuit: 1.7 N.m - on screw clamp terminals
Height	123 mm
Width	75 mm
Depth	121 mm
Product weight	0.51 kg
Quantity per set	Set of 10

Offer Sustainability

Contractual warranty

Schneider
Electric