



### Main

Range	TeSys
Product name	TeSys LRD
Device short name	LR9D
Product or component type	Electronic thermal overload relay
Relay application	Motor protection
Product compatibility	LC1D09 LC1D12 LC1D18 LC1D25 LC1D32 LC1D38
Overload tripping class	Class 5...30
Thermal protection adjustment range	6.4...32 A
Power consumption	<= 300 mW
Mounting support	Rail with specific accessories Plate with specific accessories Under contactor

### Complementary

[Ue] rated operational voltage	660 V for signalling circuit 690 V for power circuit
[Ui] rated insulation voltage	690 V signalling circuit 1000 V power circuit
Control type	Grey dial for full-load current adjustment mode Red knob for automatic reset mode White 2 microswitches adjustable trip class Red push-button stop and manual reset
Time range	1.5...4 min - automatic reset time
[Uimp] rated impulse withstand voltage	6 kV
Connections - terminals	Power circuit : screw clamp terminals 1 cable 16 mm <sup>2</sup> - cable stiffness: solid or flexible - without cable end cable end Control circuit : screw clamp terminals 1 cable 2.5 mm <sup>2</sup> - cable stiffness: solid or flexible - without cable end cable end
Tightening torque	Power circuit : 3.1 N.m - on screw clamp terminals Control circuit : 0.8 N.m - on screw clamp terminals
Height	79.9 mm
Width	45 mm
Depth	72.5 mm
Product weight	0.18 kg

### Environment

Standards	IEC 60947-4-1 CSA C22.2 GB 14048.4 UL 60947-4-1
Product certifications	CCC CSA CULus TÜV
IP degree of protection	IP20 conforming to VDE 0106 IP20 conforming to IEC 60529

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