



Main

Range	TeSys
Product name	TeSys LT
Product or Component Type	Electronic over current relay
Device short name	LT47
Device Application	Protection
Relay application	Locked rotor, mechanical jamming $I > 3 \times I_{\text{setting}}$ Sensitivity to phase failure Overload $I_{\text{max}} > I_{\text{setting}}$
[Us] rated supply voltage	100...120 V AC
Thermal protection adjustment range	0.5...6 A
[Ui] rated insulation voltage	Power circuit 600 V AC CSA Power circuit 600 V AC UL Power circuit 690 V AC IEC 60947-4-1

Complementary

Network Frequency	50-60 Hz
Mounting support	Rail
Tripping threshold	0.5...5 A
Electromagnetic compatibility	Resistance to electrostatic discharge 8 kV in open air IEC 61000-4-2 Resistance to electrostatic discharge 6 kV in direct mode IEC 61000-4-2 Conducted emission class A EN 55011 Immunity to electromagnetic interference 10 V/m IEC 61000-4-3 Immunity to fast transients 2 kV IEC 61000-4-4 Surge withstand 6 kV IEC 61000-4-5 Conducted HF disturbances 10 V IEC 61000-4-6
Auxiliary contact composition	1 NO + 1 NC
[Ith] conventional free air thermal current	3 A signalling circuit
Associated fuse rating	3 A gG signalling circuit 3 A BS signalling circuit
[Uimp] rated impulse withstand voltage	6 kV
Time range	0.5...30 s D-time 0.3...10 s O-time
Local signalling	1 LED Green) 1 LED Red)
Control type	Push-button reset Electrical reset
Connections - terminals	Signalling circuit screw clamp terminals 1 0.00...0.00 in ² (1...2.5 mm ²) flexible with cable end Signalling circuit screw clamp terminals 1 0.00...0.00 in ² (1...2.5 mm ²) flexible without cable end Signalling circuit screw clamp terminals 2 0.00...0.00 in ² (1...2.5 mm ²) flexible with cable end Signalling circuit screw clamp terminals 2 0.00...0.00 in ² (1...2.5 mm ²) flexible without cable end
Tightening torque	Signalling circuit 15.05 lbf.in (1.7 N.m) M3.5
Height	2.77 in (70.3 mm)
Width	2.80 in (71 mm)
Depth	3.04 in (77.2 mm)
Product Weight	0.42 lb(US) (0.192 kg)

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