



Electronic Overcurrent Relay LT47 60M7A

URL: <https://www.sxplc.com/electronic-overcurrent-relay-lt47-60m7a>

Product data sheet

Product Application Protection

Relay applications Locked rotor, mechanical blocking $I > 3 \times I$ Setting

Overload $I_{max} > I_{setting}$

Sensitivity to phase faults

Nominal supply voltage $[U_s]$ 200.... 240 V AC

Relay setting range 5...60 A

Rated insulation voltage $[U_i]$ Power supply circuit: 600 V AC in accordance with CSA

Power circuit: 600 V AC according to UL

Power circuit: 690 V AC according to IEC 60947-4-1

Grid frequency 50.... 60 Hz

Mounting method Rail mounting

Tripping threshold 5.... 50 A

Electromagnetic compatibility Electrostatic discharge immunity: 8 kV isolated according to IEC 61000-4-2

ESD immunity: 6 kV direct mode according to IEC 61000-4-2

Conducted emissions: class A according to EN 55011

Freedom from electromagnetic interference: 10 V/m according to IEC 61000-4-3

Freedom from fast transients: 2 kV according to IEC 61000-4-4

Shock withstand voltage: 6 kV according to IEC 61000-4-5

High frequency conducted interference: 10 V according to IEC 61000-4-6

Auxiliary contact type 1 NO + 1 NC

Approximate heating current [I_{th}] 3 A Applicable Signaling circuits

3 A gG for signaling circuits 3 A BS for signaling circuits

3 A BS, for signaling circuits

Rated impulse withstand voltage [Uimp] 6 kV

Time range 0.5...30 s - Control type D-time

0.3....10 s - Control type O-time .10 s - Control type O-time

Local signal indication 1 LED (green)

1 LED (red)

Control type (pushbutton) pushbutton: reset

Electronic: reset

Wiring capacity Signal circuits: screw fastening 1 1...2.5 mm² Cable type: flexible cord with terminal block

Signal circuits: screwed 1 1...2.5 mm² Cable type: flexible cord without terminals

Signal circuits: screw fastening 2 1...2.5 mm² Cable type: cord with terminal block

Signal circuits: Screw fastening 2 1...2.5 mm² Cable type: Flexible cord without terminals

Tightening torque Signal circuit: 1.7 N.m Screw: M3.5

Height 70.3 mm

Width 71 mm

Depth 77.2 mm

Net weight 0.192 kg

