

# Product datasheet

Specifications



## TeSys LT47 electronic over current relays - manual - 5...60 A - 24 V AC/DC

LT4760BS

**Price: 2,472.93 ZAR**

### Main

Range	TeSys
Product Name	TeSys LT
Product Or Component Type	Electronic over current relay
Device Short Name	LT47
Device Application	Protection
Relay Application	Overload $I_{max} > I_{setting}$ Sensitivity to phase failure Locked rotor, mechanical jamming $I > 3 \times I_{setting}$
[Us] Rated Supply Voltage	24 V AC 24 V DC
Thermal Protection Adjustment Range	5...60 A
[Ui] Rated Insulation Voltage	Power circuit: 600 V AC conforming to CSA Power circuit: 600 V AC conforming to UL Power circuit: 690 V AC conforming to IEC 60947-4-1

### Complementary

Network Frequency	50...60 Hz
Mounting Support	Rail
Tripping Threshold	5...50 A
Electromagnetic Compatibility	Resistance to electrostatic discharge: 8 kV in open air conforming to IEC 61000-4-2 Resistance to electrostatic discharge: 6 kV in direct mode conforming to IEC 61000-4-2 Conducted emission: class A conforming to EN 55011 Immunity to electromagnetic interference: 10 V/m conforming to IEC 61000-4-3 Immunity to fast transients: 2 kV conforming to IEC 61000-4-4 Surge withstand: 6 kV conforming to IEC 61000-4-5 Conducted HF disturbances: 10 V conforming to IEC 61000-4-6
Auxiliary Contact Composition	1 NO + 1 NC
[Ith] Conventional Free Air Thermal Current	3 A for signalling circuit
Associated Fuse Rating	3 A gG for signalling circuit 3 A BS for signalling circuit
[Uimp] Rated Impulse Withstand Voltage	6 kV
Time Range	0.5...30 s - control type D-time 0.3...10 s - control type O-time
Local Signalling	1 LED (green) 1 LED (red)
Control Type	push-button: reset electrical: reset

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

<b>Connections - Terminals</b>	Signalling circuit: screw clamp terminals 1 1...2.5 mm <sup>2</sup> - cable stiffness: flexible with cable end Signalling circuit: screw clamp terminals 1 1...2.5 mm <sup>2</sup> - cable stiffness: flexible without cable end Signalling circuit: screw clamp terminals 2 1...2.5 mm <sup>2</sup> - cable stiffness: flexible with cable end Signalling circuit: screw clamp terminals 2 1...2.5 mm <sup>2</sup> - cable stiffness: flexible without cable end
<b>Tightening Torque</b>	Signalling circuit: 1.7 N.m M3.5
<b>Height</b>	70.3 mm
<b>Width</b>	71 mm
<b>Depth</b>	77.2 mm
<b>Net Weight</b>	0.192 kg

## Environment

<b>Standards</b>	IEC 60947 IEC 60255-6
<b>Product Certifications</b>	CSA UL
<b>Protective Treatment</b>	TH conforming to IEC 60068
<b>Ip Degree Of Protection</b>	IP20 conforming to IEC 60529 IP20 conforming to VDE 0106
<b>Ambient Air Temperature For Operation</b>	-25...60 °C without derating conforming to IEC 60947-4-1
<b>Ambient Air Temperature For Storage</b>	-30...80 °C
<b>Operating Altitude</b>	2000 m
<b>Mechanical Robustness</b>	Shocks: 15 Gn for 11 ms conforming to IEC 60068-2-7 Vibrations: 4 gn conforming to IEC 60068-2-6
<b>Dielectric Strength</b>	2 kV at 50 Hz conforming to IEC 60255-5

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	7 cm
<b>Package 1 Width</b>	8 cm
<b>Package 1 Length</b>	8.7 cm
<b>Package 1 Weight</b>	191 g
<b>Unit Type Of Package 2</b>	S02
<b>Number Of Units In Package 2</b>	16
<b>Package 2 Height</b>	15 cm
<b>Package 2 Width</b>	30 cm
<b>Package 2 Length</b>	40 cm
<b>Package 2 Weight</b>	3.525 kg

## Contractual warranty

<b>Warranty</b>	18 months
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## Sustainability


**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.


**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

## Well-being performance

 Mercury Free

 Rohs Exemption Information [Yes](#)

**Reach Regulation** [REACH Declaration](#)

**Eu Rohs Directive** Compliant with Exemptions

**China Rohs Regulation** [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

**Weee** The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

**Circularity Profile** [End of Life Information](#)