Product datasheet

Specifications

Electronic over current relays, TeSys LT47, manual, 5 to 60A, 24VAC/DC

LT4760BS

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 Imax > Isetting Sensitivity to phase failure Locked rotor, mechanical jamming I > 3 x Isetting
[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, FCA Jabal Ali & are subject to change – check with your local distributor.

Connections - Terminals	Signalling circuit: screw clamp terminals 1 1…2.5 mm² - cable stiffness: flexible with cable end Signalling circuit: screw clamp terminals 1 1…2.5 mm² - cable stiffness: flexible without cable end Signalling circuit: screw clamp terminals 2 1…2.5 mm² - cable stiffness: flexible with cable end Signalling circuit: screw clamp terminals 2 1…2.5 mm² - cable stiffness: flexible without cable end
Tightening Torque	Signalling circuit: 1.7 N.m M3.5
Height	70.3 mm
Width	71 mm
Depth	77.2 mm
Net Weight	0.192 kg

Environment

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

Packing Units

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

Contractual warranty

Warranty	18 months

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_2 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