



### Main

Range of product	LT3
Device short name	LT3SM
Product or component type	Thermistor protection units
[Uc] control circuit voltage	24...230 V AC 50/60 Hz 24...230 V DC
Reset	Manual

### Complementary

Control circuit voltage limits	0.85...1.1 Uc
Contacts type and composition	2 C/O multi voltage
[Ith] conventional free air thermal current	5 A output control relay
[Ui] rated insulation voltage	Output control relay 500 V AC
[Ue] rated operational voltage	250 V AC 50/60 Hz output control relay
Signalling function	Fault indication Voltage indication
Control type	Manual reset Manual test
Probe interchangeability	Label mark A IEC 60034-11
Hold-in power consumption in W	1 W
Hold-in power consumption in VA	2.5 VA
Resistance	1500...1650 Ohm reset 2700...3100 Ohm tripping
Number of probes	0...6
Input voltage	< 2.5 V 1500 Ohm) for probe < 7.5 V 4000 Ohm) for probe IEC 60034-11
Maximum short circuit detection resistance	20 Ohm
Condition of use	Connection of probes 3280.84 ft (1000 m) >0.00 in <sup>2</sup> (2.5 mm <sup>2</sup> ) Connection of probes 1640.42 ft (500 m) >0.00 in <sup>2</sup> (1.5 mm <sup>2</sup> )
[Uimp] rated impulse withstand voltage	2.5 kV
Rated power in VA	100 VA 220 V 500000 cycles
Breaking capacity	2 A 24 V DC DC-13 3 A 250 V AC AC-16 6 A 120 V AC AC-16
Connections - terminals	Power circuit cage type connector 1 0.00...0.00 in <sup>2</sup> (0.75...2.5 mm <sup>2</sup> )flexible with cable end Power circuit cage type connector 1 0.00...0.00 in <sup>2</sup> (0.75...2.5 mm <sup>2</sup> )solid with cable end Power circuit cage type connector 1 0.00...0.00 in <sup>2</sup> (1...2.5 mm <sup>2</sup> )flexible without cable end Power circuit cage type connector 1 0.00...0.00 in <sup>2</sup> (1...2.5 mm <sup>2</sup> )solid without cable end Power circuit cage type connector 2 0.00...0.00 in <sup>2</sup> (0.75...2.5 mm <sup>2</sup> )flexible with cable end Power circuit cage type connector 2 0.00...0.00 in <sup>2</sup> (0.75...2.5 mm <sup>2</sup> )solid with cable end Power circuit cage type connector 2 0.00...0.00 in <sup>2</sup> (1...2.5 mm <sup>2</sup> )flexible without cable end Power circuit cage type connector 2 0.00...0.00 in <sup>2</sup> (1...2.5 mm <sup>2</sup> )solid without cable end

Tightening torque	0.8 N.m
Height	3.94 in (100 mm)
Width	0.89 in (22.5 mm)
Depth	3.94 in (100 mm)
Net Weight	0.49 lb(US) (0.22 kg)

## Environment

Standards	IEC 60947-8 IEC 60034-11 VDE 0660
IP degree of protection	IP20 conforming to IEC 60529 IP20 conforming to VDE 0106
Ambient air temperature for operation	-13...140 °F (-25...60 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C) IEC 60068-2-2 -40...185 °F (-40...85 °C) IEC 60068-2-2
Operating altitude	<= 4921.26 ft (1500 m) without derating in temperature > 4921.26...9842.52 ft (> 1500...3000 m) with derating in temperature
Vibration resistance	1 gn 25...150 Hz IEC 60068-2-6 2.5 gn 2...25 Hz IEC 60068-2-6
Shock resistance	5 gn 11 ms IEC 60068-2-27
Electromagnetic compatibility	Resistance to electrostatic discharge level 3 IEC 61000-4-2 Resistance to fast transient level 3 IEC 61000-4-4 Surge resistance 1.2/50-8/20 level 4 IEC 61000-4-5 Susceptibility to electromagnetic fields level 3 IEC 61000-4-3 Immunity to microbreaks and voltage drops IEC 61000-4-11

## Ordering and shipping details

Category	22339 - THERMISTER RELAY (LT3)
Discount Schedule	I11
GTIN	00785901700753
Nbr. of units in pkg.	1
Package weight(Lbs)	0.34 lb(US) (0.15 kg)
Returnability	Yes
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.02 in (2.6 cm)
Package 1 width	4.06 in (10.3 cm)
Package 1 Length	4.06 in (10.3 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	36
Package 2 Weight	13.23 lb(US) (5.999 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

## Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

## Contractual warranty

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Warranty	18 months
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