



Main

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|------------------------------|-----------------------------|
| Range of Product | LT3 |
| Device short name | LT3SM |
| Product or Component Type | Thermistor protection units |
| [Uc] control circuit voltage | 115...230 V AC 50/60 Hz |
| Reset | Manual |

Complementary

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| Control circuit voltage limits | 0.85...1.1 Uc |
| Contacts type and composition | 1 NC + 1 NO dual 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 test Manual reset |
| 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 ² (2.5 mm ²) Connection of probes 1640.42 ft (500 m) >0.00 in ² (1.5 mm ²) |
| [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 ² (0.75...2.5 mm ²)flexible with cable end Power circuit cage type connector 1 0.00...0.00 in ² (0.75...2.5 mm ²)solid with cable end Power circuit cage type connector 1 0.00...0.00 in ² (1...2.5 mm ²)flexible without cable end Power circuit cage type connector 1 0.00...0.00 in ² (1...2.5 mm ²)solid without cable end Power circuit cage type connector 2 0.00...0.00 in ² (0.75...2.5 mm ²)flexible with cable end Power circuit cage type connector 2 0.00...0.00 in ² (0.75...2.5 mm ²)solid with cable end Power circuit cage type connector 2 0.00...0.00 in ² (1...2.5 mm ²)flexible without cable end Power circuit cage type connector 2 0.00...0.00 in ² (1...2.5 mm ²)solid without cable end |

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| 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

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|---------------------------------------|---|
| 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

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|-----------------------|--------------------------------|
| Category | 22339 - THERMISTER RELAY (LT3) |
| Discount Schedule | I11 |
| GTIN | 3389110699012 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 6.49 oz (184 g) |
| Returnability | Yes |
| Country of origin | FR |

Packing Units

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|------------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 0.98 in (2.5 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 | 15.71 lb(US) (7.124 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

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|----------------------------|---|
| 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 www.P65Warnings.ca.gov |
| REACH Regulation |  REACH Declaration |
| EU RoHS Directive | Compliant  EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information |  Yes |
| China RoHS Regulation |  China RoHS Declaration |
| 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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Mouser Electronics

Authorized Distributor

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