



Main

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|------------------------------|-----------------------------|
| Range of product | LT3 |
| Device short name | LT3SA |
| Product or component type | Thermistor protection units |
| [Uc] control circuit voltage | 24...48 V DC |
| Reset | Automatic reset |

Complementary

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|--|--|
| Control circuit voltage limits | 0.8...1.25 U _c |
| Contacts type and composition | 1 NC + 1 NO dual voltage |
| [I _{th}] conventional free air thermal current | 5 A for output control relay |
| [U _i] rated insulation voltage | 500 V AC output control relay |
| System Voltage | 250 V AC 50/60 Hz output control relay |
| Signalling function | Fault indication Voltage indication |
| Control type | Automatic reset |
| Probe interchangeability | Label mark A conforming to 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 conforming to IEC 60034-11 |
| Short circuit detection resistance | < 20 Ohm |
| Condition of use | Connection of probes 1312.34 ft (400 m) for ≥ 0 in ² (1 mm ²) Connection of probes 1640.42 ft (500 m) for ≥ 0 in ² (1.5 mm ²) |
| [U _{imp}] rated impulse withstand voltage | 2.5 kV |
| Rated power in VA | 100 VA at 220 V - electrical durability: 500000 cycles |
| Breaking capacity | 2 A at 24 V DC DC-13 3 A at 250 V AC AC-16 6 A at 120 V AC AC-16 |
| Connections - terminals | Power circuit: cage type connector 1 cable 0...0 in ² (0.75...2.5 mm ²) - cable stiffness: flexible - with cable end Power circuit: cage type connector 1 cable 0...0 in ² (0.75...2.5 mm ²) - cable stiffness: solid - with cable end Power circuit: cage type connector 1 cable 0...0 in ² (1...2.5 mm ²) - cable stiffness: flexible - without cable end Power circuit: cage type connector 1 cable 0...0 in ² (1...2.5 mm ²) - cable stiffness: solid - without cable end Power circuit: cage type connector 2 cable 0...0 in ² (0.75...2.5 mm ²) - cable stiffness: flexible - with cable end Power circuit: cage type connector 2 cable 0...0 in ² (0.75...2.5 mm ²) - cable stiffness: solid - with cable end Power circuit: cage type connector 2 cable 0...0 in ² (1...2.5 mm ²) - cable stiffness: flexible - without cable end Power circuit: cage type connector 2 cable 0...0 in ² (1...2.5 mm ²) - cable stiffness: solid - without cable end |
| Tightening torque | 0.8 N.m |
| Height | 3.94 in (100 mm) |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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| Width | 0.89 in (22.5 mm) |
| Depth | 3.94 in (100 mm) |
| Product weight | 0.49 lb(US) (0.22 kg) |

Environment

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|---------------------------------------|---|
| standards | IEC 60034-11 VDE 0660 |
| product certifications | LROS (Lloyds register of shipping) |
| IP degree of protection | IP20 conforming to VDE 0106 IP20 conforming to IEC 60529 |
| ambient air temperature for operation | -13...140 °F (-25...60 °C) |
| ambient air temperature for storage | -40...185 °F (-40...85 °C) conforming to IEC 60068-2-1 -40...185 °F (-40...85 °C) conforming to 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 conforming to IEC 60068-2-6 2.5 gn 2...25 Hz conforming to IEC 60068-2-6 |
| shock resistance | 5 gn 11 ms conforming to IEC 60068-2-27 |
| electromagnetic compatibility | Immunity to microbreaks and voltage drops conforming to IEC 61000-4-11 Resistance to electrostatic discharge - test level level 3 conforming to IEC 61000-4-2 Resistance to electrostatic discharge - test level level 3 conforming to IEC 61000-4-2 Resistance to fast transient - test level level 3 conforming to IEC 61000-4-4 Surge resistance 1.2/50-8/20 - test level level 4 conforming to IEC 61000-4-5 Susceptibility to electromagnetic fields - test level level 3 conforming to IEC 61000-4-3 |

Offer Sustainability

| | |
|--|--|
| Green Premium product | Green Premium product |
| Compliant - since 0841 - Schneider Electric declaration of conformity | Compliant - since 0841 - Schneider Electric declaration of conformity |
| Reference not containing SVHC above the threshold | Reference not containing SVHC above the threshold |
| Available | Available |
| Available | Available |
| WARNING: This product can expose you to chemicals including: | WARNING: This product can expose you to chemicals including: |
| Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. | Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. |
| For more information go to www.p65warnings.ca.gov | For more information go to www.p65warnings.ca.gov |

Contractual warranty

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|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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