



### Main

|                              |                             |
|------------------------------|-----------------------------|
| Range of product             | LT3                         |
| Device short name            | LT3SA                       |
| Product or component type    | Thermistor protection units |
| [Uc] control circuit voltage | 115/230 V AC 50/60 Hz       |
| Reset                        | Automatic reset             |

### Complementary

|   |  |
|---|--|
| 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 for output control relay   |
| [Ui] rated insulation voltage               | Output control relay: 500 V AC   |
| [Ue] rated operational voltage              | 250 V AC 50/60 Hz for output control relay   |
| Signalling function                         | Fault indication<br>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<br>2700...3100 Ohm tripping  |
| Number of probes                            | 0...6  |
| Input voltage                               | < 2.5 V (1500 Ohm) for probe<br>< 7.5 V (4000 Ohm) for probe conforming to IEC 60034-11          |
| Maximum short circuit detection resistance  | 20 Ohm   |
| Condition of use                            | Connection of probes 400 m >1 mm <sup>2</sup><br>Connection of probes 500 m >1.5 mm <sup>2</sup> |
| [Uimp] 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<br>3 A at 250 V AC AC-16<br>6 A at 120 V AC AC-16                           |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance 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.

|                         |  |
|-------------------------|--|
| Connections - terminals | Power circuit: cage type connector 1 cable(s) 0.75...2.5 mm <sup>2</sup> flexible with cable end<br>Power circuit: cage type connector 1 cable(s) 0.75...2.5 mm <sup>2</sup> solid with cable end<br>Power circuit: cage type connector 1 cable(s) 1...2.5 mm <sup>2</sup> flexible without cable end<br>Power circuit: cage type connector 1 cable(s) 1...2.5 mm <sup>2</sup> solid without cable end<br>Power circuit: cage type connector 2 cable(s) 0.75...2.5 mm <sup>2</sup> flexible with cable end<br>Power circuit: cage type connector 2 cable(s) 0.75...2.5 mm <sup>2</sup> solid with cable end<br>Power circuit: cage type connector 2 cable(s) 1...2.5 mm <sup>2</sup> flexible without cable end<br>Power circuit: cage type connector 2 cable(s) 1...2.5 mm <sup>2</sup> solid without cable end |
| Tightening torque       | 0.8 N.m  |
| Height                  | 100 Mm   |
| Width                   | 22.5 Mm  |
| Depth                   | 100 Mm   |
| Product weight          | 0.22 Kg  |

## Environment

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

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 2.5 Cm   |
| Package 1 Width              | 10.3 Cm  |
| Package 1 Length             | 10.5 Cm  |
| Package 1 Weight             | 182 G    |
| Unit Type of Package 2       | S02      |
| Number of Units in Package 2 | 36       |
| Package 2 Height             | 15 Cm    |
| Package 2 Width              | 30 Cm    |
| Package 2 Length             | 40 Cm    |
| Package 2 Weight             | 6.847 Kg |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive          | Compliant  <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes   |
| RoHS exemption information |  <a href="#">Yes</a>                           |
| 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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Product Life Status : **Commercialised**