



### Main

|                              |   |
|------------------------------|---|
| Range of product             | LT3                                     |
| Device short name            | LT3SA                                   |
| Product or component type    | Thermistor protection units             |
| [Uc] control circuit voltage | 24...230 V AC 50/60 Hz<br>24...230 V DC |
| Reset                        | Automatic reset                         |

### Complementary

|  |  |
|--|--|
| Control circuit voltage limits                           | 0.8...1.1 U <sub>c</sub>   |
| Contacts type and composition                            | 2 C/O multi voltage  |
| [I <sub>th</sub> ] conventional free air thermal current | 5 A for output control relay   |
| [U <sub>i</sub> ] rated insulation voltage               | 500 V AC output control relay  |
| [U <sub>e</sub> ] 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                    |
| Short circuit detection resistance                       | < 20 Ohm   |
| Condition of use   | Connection of probes 400 m for ≥ 1 mm <sup>2</sup><br>Connection of probes 500 m for ≥ 1.5 mm <sup>2</sup> |
| [U <sub>imp</sub> ] rated impulse withstand voltage      | 2.5 kV   |

Disclaimer: 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

|                         |  |
|-------------------------|--|
| 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   |
| Connections - terminals | Power circuit : cage type connector 1 cable 0.75...2.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end<br>Power circuit : cage type connector 1 cable 0.75...2.5 mm <sup>2</sup> - cable stiffness: solid - with cable end<br>Power circuit : cage type connector 1 cable 1...2.5 mm <sup>2</sup> - cable stiffness: flexible - without cable end<br>Power circuit : cage type connector 1 cable 1...2.5 mm <sup>2</sup> - cable stiffness: solid - without cable end<br>Power circuit : cage type connector 2 cable 0.75...2.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end<br>Power circuit : cage type connector 2 cable 0.75...2.5 mm <sup>2</sup> - cable stiffness: solid - with cable end<br>Power circuit : cage type connector 2 cable 1...2.5 mm <sup>2</sup> - cable stiffness: flexible - without cable end<br>Power circuit : cage type connector 2 cable 1...2.5 mm <sup>2</sup> - cable stiffness: 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 60034-11<br>VDE 0660  |
| Product certifications                | LROS (Lloyds register of shipping)  |
| IP degree of protection               | IP20 conforming to VDE 0106<br>IP20 conforming to IEC 60529   |
| Ambient air temperature for operation | -25...60 °C   |
| Ambient air temperature for storage   | -40...85 °C conforming to IEC 60068-2-1<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         | Immunity to microbreaks and voltage drops conforming to IEC 61000-4-11<br>Resistance to electrostatic discharge - test level level 3 conforming to IEC 61000-4-2<br>Resistance to fast transient - test level level 3 conforming to IEC 61000-4-4<br>Surge resistance 1.2/50-8/20 - test level level 4 conforming to IEC 61000-4-5<br>Susceptibility to electromagnetic fields - test level level 3 conforming to IEC 61000-4-3 |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 0841 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available<br><a href="#">End of Life Information</a>  |
| Product end of life instructions | Available   |

## Contractual warranty

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