



### Main

|                              |                             |
|------------------------------|-----------------------------|
| Range of product             | LT3                         |
| Device short name            | LT3SE                       |
| Product or component type    | Thermistor protection units |
| [Uc] control circuit voltage | 24...48 V AC 50/60 Hz       |
| Reset                        | Manual                      |

### Complementary

|   |  |
|---|--|
| Control circuit voltage limits              | 0.85...1.1 Uc  |
| Contacts type and composition               | 1 NC + 1 NO single voltage   |
| [Ith] conventional free air thermal current | 5 Afor output control relay  |
| [Ui] rated insulation voltage               | 500 V AC output control relay  |
| System Voltage                              | 250 V AC 50/60 Hz output control relay   |
| Signalling function                         | Fault indication<br>Voltage indication   |
| Control type                                | Manual reset<br>Manual test  |
| Probe interchangeability                    | Label mark A conforming to IEC 60034-11  |
| 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 3280.84 ft (1000 m)for $\geq 0$ in <sup>2</sup> (2.5 mm <sup>2</sup> )<br>Connection of probes 1640.42 ft (500 m)for $\geq 0$ in <sup>2</sup> (1.5 mm <sup>2</sup> )  |
| [Uimp] rated impulse withstand voltage      | 2.5 kV   |
| Rated power in VA                           | 100 VAat 220 V - electrical durability: 500000 cycles  |
| Breaking capacity                           | 2 Aat 24 V DC DC-13<br>3 Aat 250 V AC AC-16<br>6 Aat 120 V AC AC-16  |
| Connections - terminals                     | Power circuit: cage type connector 1 cable 0...0 in <sup>2</sup> (0.75...2.5 mm <sup>2</sup> ) - cable stiffness:<br>flexible - with cable end<br>Power circuit: cage type connector 1 cable 0...0 in <sup>2</sup> (0.75...2.5 mm <sup>2</sup> ) - cable stiffness:<br>solid - with cable end<br>Power circuit: cage type connector 1 cable 0...0 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) - cable stiffness:<br>flexible - without cable end<br>Power circuit: cage type connector 1 cable 0...0 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) - cable stiffness:<br>solid - without cable end<br>Power circuit: cage type connector 2 cable 0...0 in <sup>2</sup> (0.75...2.5 mm <sup>2</sup> ) - cable stiffness:<br>flexible - with cable end<br>Power circuit: cage type connector 2 cable 0...0 in <sup>2</sup> (0.75...2.5 mm <sup>2</sup> ) - cable stiffness:<br>solid - with cable end<br>Power circuit: cage type connector 2 cable 0...0 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) - cable stiffness:<br>flexible - without cable end<br>Power circuit: cage type connector 2 cable 0...0 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) - cable stiffness:<br>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)      |
| Product weight | 0.49 lb(US) (0.22 kg) |

## Environment

|                                       |   |
|---------------------------------------|---|
| standards                             | IEC 34-11-2<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 | -13...140 °F (-25...60 °C)  |
| ambient air temperature for storage   | -40...185 °F (-40...85 °C) conforming to IEC 60068-2-1<br>-40...185 °F (-40...85 °C) conforming to IEC 60068-2-2  |
| operating altitude                    | <= 4921.26 ft (1500 m) without derating in temperature<br>> 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<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 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

|  |  |
|--|--|
| 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 <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>  | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>  |

## Contractual warranty

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

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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