

# Product datasheet

Specifications



## PTC probe relay TeSys - LT3 with automatic reset - 24 V - 1 NO + 1 NC

Local distributor code:

386285989

LT3SA00ED

⚠ Discontinued on: 9 Oct 2023

⚠ Discontinued

EAN Code: 3389110688207

## Main

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

Control circuit voltage limits	0.8...1.25 U <sub>c</sub>
Contacts type and composition	1 NC + 1 NO dual voltage
[I <sub>th</sub> ] conventional free air thermal current	5 A for output control relay
[U <sub>I</sub> ] rated insulation voltage	Output control relay: 500 V AC
[U <sub>e</sub> ] rated operational voltage	250 V AC 50/60 Hz for 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
Maximum short circuit detection resistance	20 Ohm
Condition of use	Connection of probes 400 m >1 mm <sup>2</sup> Connection of probes 500 m >1.5 mm <sup>2</sup>
[U <sub>imp</sub> ] 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

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

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

## Environment

<b>Standards</b>	IEC 60947-8 IEC 60034-11 VDE 0660
<b>IP degree of protection</b>	IP20 conforming to IEC 60529 IP20 conforming to VDE 0106
<b>Ambient air temperature for operation</b>	-25...60 °C
<b>Ambient air temperature for storage</b>	-40...85 °C conforming to IEC 60068-2-2 -40...85 °C conforming to IEC 60068-2-2
<b>Operating altitude</b>	<= 1500 m without derating in temperature > 1500...3000 m with derating in temperature
<b>Vibration resistance</b>	1 gn 25...150 Hz conforming to IEC 60068-2-6 2.5 gn 2...25 Hz conforming to IEC 60068-2-6
<b>Shock resistance</b>	5 gn 11 ms conforming to IEC 60068-2-27
<b>Electromagnetic compatibility</b>	Resistance to electrostatic discharge level 3 conforming to IEC 61000-4-2 Resistance to fast transient level 3 conforming to IEC 61000-4-4 Surge resistance 1.2/50-8/20 level 4 conforming to IEC 61000-4-5 Susceptibility to electromagnetic fields level 3 conforming to IEC 61000-4-3 Immunity to microbreaks and voltage drops conforming to IEC 61000-4-11

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	2.5 cm
<b>Package 1 Width</b>	10.3 cm
<b>Package 1 Length</b>	10.3 cm
<b>Package 1 Weight</b>	142.0 g
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	36
<b>Package 2 Height</b>	15.0 cm
<b>Package 2 Width</b>	30.0 cm
<b>Package 2 Length</b>	40.0 cm
<b>Package 2 Weight</b>	5.433 kg

## Contractual warranty

<b>Warranty</b>	18 months
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better

 <b>Materials and Substances</b>	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
<a href="#">EU RoHS Directive</a>	Compliant with Exemptions

### Use Again

 <b>Repack and remanufacture</b>	
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins