Lembar data produk
Karakteristik

LT3SM00MW
PTC probe relay TeSys - LT3 with manual reset - 24...230 V - 2 OC

Main

Range of product	LT3
Device short name	LT3SM
Product or component type	Thermistor protection units
[Uc] control circuit voltage	24...230 V AC 50/60 Hz 24...230 V DC
Reset	Manual

Complementary

Control circuit voltage limits	0.85...1.1 Uc
Contacts type and composition	2 C/O multi voltage
[Ith] conventional free air thermal current	5 A for output control relay
[Ui] rated insulation voltage	500 V AC output control relay
[Ue] rated operational voltage	250 V AC 50/60 Hz for output control relay
Signalling function	Fault indication Voltage indication
Control type	Manual reset Manual test
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 1000 m for >= 2.5 mm² Connection of probes 500 m for >= 1.5 mm²
[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 3 A at 250 V AC AC-16 6 A at 120 V AC AC-16

Disklaimer: Dokumentasi ini tidak ditujukan sebagai pengganti dan tidak untuk digunakan untuk menentukan kesesuaian atau keandalan produk ini untuk aplikasi pengguna

Connections - terminals	Power circuit : cage type connector 1 cable 0.75...2.5 mm² - cable stiffness: flexible - with cable end Power circuit : cage type connector 1 cable 0.75...2.5 mm² - cable stiffness: solid - with cable end Power circuit : cage type connector 1 cable 1...2.5 mm² - cable stiffness: flexible - without cable end Power circuit : cage type connector 1 cable 1...2.5 mm² - cable stiffness: solid - without cable end Power circuit : cage type connector 2 cable 0.75...2.5 mm² - cable stiffness: flexible - with cable end Power circuit : cage type connector 2 cable 0.75...2.5 mm² - cable stiffness: solid - with cable end Power circuit : cage type connector 2 cable 1...2.5 mm² - cable stiffness: flexible - without cable end Power circuit : cage type connector 2 cable 1...2.5 mm² - 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 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	-25...60 °C
Ambient air temperature for storage	-40...85 °C conforming to IEC 60068-2-1 -40...85 °C conforming to IEC 60068-2-2
Operating altitude	<= 1500 m without derating in temperature > 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 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

Contractual warranty

Warranty period	18 months