

## S1MS 48VAC 2c/o

840725



Thermistor monitoring relay, as a protection device from overheating of motors, generators, etc., 2 auxiliary contacts, 2 changeover contacts, width = 22.5 mm, UB = 48 V AC.

## Technical details

### General data

Approval: CCC, CE, UKCA, cULus Listed

### Technical data

#### Electrical data

Supply voltage (V): 48 - 48 V

Type of supply voltage U1: AC

Power consumption AC: 3.5 VA

Max. device circuit breaker: Max. conductor cross section

#### Measuring circuit

Response value  $R_{an}$ : 3.6 kOhm,  $\pm 10\%$

Release value  $R_{ab}$ : 1.8 kOhm,  $\pm 10\%$

Max. cold resistance  $R_c$  at 20°C: 1.5 kOhm

#### Relay outputs

Utilisation cat. AC/DC1 stand.: EN 60947-4-1

Utilisation cat. AC15/DC13sta.: EN 60947-5-1

Relay contact material: AgCdO

Addit. contact details relay: + 3.0  $\mu\text{m}$  Au

#### Environmental data

Climatic suitability to ...: EN 60068-2-78

Ambient temperature: -10 - 55 °C

Condensation permitted?:	Not permitted
EMC to standard ...:	EN 60947-5-1, EN 61000-6-2
Vibration to standard ...:	EN 60068-2-6
Clearance & creepage dist. to:	EN 60947-1
Overtoltage category:	III / II
Pollution degree clear.&creep.:	2
<b>Mechanical data</b>	
Mounting position:	any
Housing material lower section:	PPO UL 94 V0
Housing material front plate:	ABS UL 94 V0
Housing material upper part:	PPO UL 94 V0
Connection terminal:	Screw terminal
Terminal style:	fixed
Flex. cond. c/s AWG info:	24 - 10 AWG
Height dimension:	87 mm
Width dimension:	22.5 mm
Depth dimension:	121 mm
Net weight:	160 g
Gross weight:	170 g
<b>Environment</b>	
REACH compliance:	contains min. 1 SVHC-substance
WEEE classification (08/2018):	5 devices (feed size < 50cm)
<b>Commercial data</b>	
Harmonized System Code:	85364900
UNSPSC 25:	39122229
EAN-Code:	4046548078367
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27371810
ETIM Version:	ETIM-9.0

ETIM Reference Group:	EG000019
ETIM Reference Feature:	EC001446
Volume:	0.255 dm <sup>3</sup>