

S1MS Ex 24VAC/DC 2c/o

839775

Thermistor monitoring relay as an overheat protection device for motors, generators etc. 2 auxiliary contacts (C/O). Width: 22.5 mm; UB 24 V AC/DC. ATEX compliance in accordance with EN 60079-0, EN 60079-11.

Technical details

General data	
Approval:	CE, CCC, cULus Listed, ATEX
Technical data	
Electrical data	
Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	AC/DC
Power consumption AC:	3.5 VA
Power consumption DC:	2 W
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 μm 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, EN 60079-11
Overvoltage category:	III / II
Pollution degree clear.&creep.:	2
Mechanical data	
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:	112.5 mm
Width dimension:	26 mm
Depth dimension:	135 mm
Net weight:	130 g
Gross weight:	155 g
Environment	
REACH compliance:	contains min. 1 SVHC-substance
WEEE classification (08/2018):	5 devices (feed size < 50cm)