

## S1MN 24VAC/DC 2c/o

840400



Thermistor monitoring relay, as a protection device from overheating of motors, generators, etc., 2 auxiliary contacts, 2 changeover contacts, width = 22.5 mm, UB = 24 V AC/DC.

## Technical details

General data	
Approval:	CE, CCC, UKCA, cULus Listed
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 $\mu\text{m}$ 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
Overvoltage 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:	120 g
Gross weight:	130 g
<b>Environment</b>	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	no
REACH compliance:	Contains no SVHC substances
WEEE classification (08/2018):	5 devices (feed size < 50cm)
<b>Commercial data</b>	
Harmonized System Code:	85364900
UNSPSC 25:	39122229

EAN-Code:	4046548078206
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27371810
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000019
ETIM Reference Feature:	EC001446
Volume:	0.255 dm3