

S1MO 48VAC 2c/o

840620



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: CE, CCC, 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 μm Au

Environmental data

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

Ambient temperature: -10 - 55 °C

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|---------------------------------|--------------------------------|
| 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 |
| 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: | 87 mm |
| Width dimension: | 22.5 mm |
| Depth dimension: | 121 mm |
| Net weight: | 165 g |
| Gross weight: | 175 g |
| Environment | |
| REACH compliance: | contains min. 1 SVHC-substance |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm) |
| Commercial data | |
| Harmonized System Code: | 85364900 |
| UNSPSC 25: | 39122229 |
| EAN-Code: | 4046548078329 |
| ECLASS version: | ECLASS-13 |
| ECLASS Reference Feature: | 27371810 |
| ETIM Version: | ETIM-9.0 |

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|-------------------------|-----------------------|
| ETIM Reference Group: | EG000019 |
| ETIM Reference Feature: | EC001446 |
| Volume: | 0.255 dm ³ |