

## S1IM 230-240VAC IM 0.01-15 A

828050



Voltage monitoring relay, to monitor max. current values, 12 measuring ranges 0.01 - 15 A selectable, 0, 40 - 400 Hz, width = 22.5mm, UB = 230 - 240 V AC.

## Technical details

### General data

Approval: CE, CCC, UKCA, cULus Listed

### Technical data

#### Electrical data

Supply voltage (V): 230 - 240 V

Type of supply voltage U1: AC

Power consumption AC: 2 VA

Max. device circuit breaker: Max. conductor cross section

#### Relay outputs

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

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

Safety contacts: AC at UL: 240 VAC Res. NO Side Only

Safety contacts: pilot duty: B300, R300

Relay contact material: AgCdO

Addit. contact details relay: + 3.0 µm Au

#### Environmental data

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

Ambient temperature: -15 - 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                     |
| 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:                     | 160 g                          |
| Gross weight:                   | 170 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:                      | 39122331                       |
| EAN-Code:                       | 4046548007541                  |
| ECLASS version:                 | ECLASS-13                      |
| ECLASS Reference Feature:       | 27371802                       |
| ETIM Version:                   | ETIM-9.0                       |
| ETIM Reference Group:           | EG000019                       |
| ETIM Reference Feature:         | EC001440                       |
| Volume:                         | 0.294 dm <sup>3</sup>          |