

## S1WP 9A 110-230VAC/DC UM 0-550VAC/DC

890070



True power monitoring suitable for 1- and 3-phase supplies for frequency-controlled motors, 9 measuring ranges 0 - 1000 Hz, measuring voltage 0 - 550 V AC/DC, 1 changeover contact, 1 analogue output 0 - 10 V DC or 4 -20 mA, width = 22.5 mm, UB = 110 - 230 V AC/DC.

## Technical details

### General data

Approval: CE, CCC, UKCA, cULus Listed

### Technical data

### Electrical data

Supply voltage (V): 230 - 230 V

Type of supply voltage U1: AC

Power consumption AC: 5 VA

Max. device circuit breaker: Max. conductor cross section

### Measuring circuit

U meas. range analogue input: 0 - 550 V

I meas. range analogue input: 9 - 9 A

Freq. meas. range analog i/p: 0 - 1000 Hz

### Output signals during generator operation

Uout during generator mode: 0 - -10 V

### Relay outputs

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

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

Safety contacts: AC at UL: 250 V AC

Relay contact material: AgCdO

Addit. contact details relay: + 3.0 µm Au

| Environmental data              |                              |
|---------------------------------|------------------------------|
| Climatic suitability to ...:    | EN 60068-2-78                |
| Ambient temperature:            | 0 - 55 °C                    |
| Condensation permitted?:        | Not permitted                |
| EMC to standard ...:            | EN 61000-6-2, EN 61000-6-4   |
| Vibration to standard ...:      | EN 60068-2-6                 |
| Clearance & creepage dist. to:  | EN 60947-1                   |
| Overvoltage category:           | III                          |
| 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:                     | 140 g                        |
| Gross weight:                   | 150 g                        |
| Environment                     |                              |
| WEEE klassifikation (08/2018):  | 5 devices (feed size < 50cm) |
| Commercial data                 |                              |
| Harmonized System Code:         | 90303370                     |
| UNSPSC 25:                      | 39122205                     |
| EAN-Code:                       | 4046548007039                |
| ECLASS version:                 | ECLASS-13                    |

|                           |                       |
|---------------------------|-----------------------|
| ECLASS Reference Feature: | 27210127              |
| ETIM Version:             | ETIM-9.0              |
| ETIM Reference Group:     | EG000026              |
| ETIM Reference Feature:   | EC002479              |
| Volume:                   | 0.284 dm <sup>3</sup> |