

S1WP 18A 24VDC UM 0-415VAC/DC

890120



True power monitoring suitable for 1- and 3-phase supplies for frequency-controlled motors, 9 measuring ranges 0 - 1000 Hz, measuring voltage 0 - 415 V AC/DC, 1 changeover contact, 1 analogue output 0 - 10 V DC or 4 -20 mA, width = 22.5 mm, UB = 24 V 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: DC

Power consumption DC: 2 W

Max. device circuit breaker: Max. conductor cross section

Measuring circuit

U meas. range analogue input: 0 - 415 V

I meas. range analogue input: 18 - 18 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: | 130 g |
| Gross weight: | 140 g |
| Environment | |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm) |
| Commercial data | |
| Harmonized System Code: | 90303370 |
| UNSPSC 25: | 39122205 |
| EAN-Code: | 4046548006995 |
| ECLASS version: | ECLASS-13 |

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