

S1WP 18A 110-230VAC/DC UM 0-550VAC/DC

890170



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 = 24 V 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: 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:	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:	4046548006940
ECLASS version:	ECLASS-13

ECLASS Reference Feature:	27210127
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002479