

S1WP 9A 24VDC UM 0-415VAC/DC

890020



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 C/O output, 1 analogue output 0 - 10 V DC or 4 - 20 mA. Width 225 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:	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:	130 g
Gross weight:	140 g
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	7a, 7c I
REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead

%-part of the pollutant:	> 0,1 %
CAS No.:	7439-92-1
WEEE klassifikation (08/2018):	5 devices (feed size < 50cm)
SCIP entry available:	0
Commercial data	
Harmonized System Code:	90303370
UNSPSC 25:	39122205
EAN-Code:	4046548007084
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27210127
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002479
Volume:	0.289 dm ³