



# Clamp On Current Transformers – AC & DC



## **SC 3C 1000A / 1V**

AC & DC sensing current transformer  
designed for use with the PPA range  
Precision Power Analyzers

### ELECTRICAL DATA

Primary current rating	: 1000A AC or DC
Hall effect	: Yes
Measuring range	: 1A to 1200A
Frequency range	: From DC (1000A) up to 10000 Hz (20A)
Output signal	: 1A = 1mV
Ratio	: 1000 / 1
Accuracy	: 1% from 0.1 to 1.2 IN
Accuracy at 1000 Hz	: 100A at 3%
Phase difference at 1000 Hz	: 2 degrees
Switch	: 1 – On – Off – Test Battery
External mini load	: 10K Ohms
Power measurement	: Take care to keep the conventional direction P1 = S1 rear of the arrows.
Adjustment on zero	: Yes near the LED
Protection class	: 600V Cat III according to IEC 1010-1
Dielectric strength	: 5.5 KV 50 Hz 1 min
Temperature range	: -10° to + 50° C
“Opening” cable	: Diameter 50 mm
Dimensions (mm)	: 106 x 213 x 40 mm
Weight	: 600 g
Output connection	: 2 m cable with insulated BNC
Colour	: Red
Power	: Battery 9V

Designed in accordance with IEC 1010 – 1

**SAFETY WARNING:** This note must be read in full. Any operations on live conductors can be dangerous. The operator is expected to be fully aware of all necessary electrical safety regulations and procedures, taking responsibility for safe operation. Users must ensure that the equipment is at all times in its original safe conditions

