

# Clamp On Current Transformers – AC & DC



## **P50 3C 5000A / 2V**

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

### ELECTRICAL DATA

Primary current rating	: 2000A or 5000A AC or DC
Hall effect	: Yes – 2 ranges
Measuring range	: 50A to 2000A or 5000A
Frequency range	: From DC up to 2000 Hz
Output signal	: 1A = 1mV and 1A = 0.4mV
Ratio	: 1000 / 1 and 2500 / 1
Accuracy	: 1.5% from 0.1 to 1.0 IN
Accuracy at 600 Hz	: 400A at 3%
Phase difference at 2000 Hz	: 3 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 83 mm
For bus bars	: 122 x 54 mm or 100 x 64 mm
Dimensions (mm)	: 145 x 333 x 49 mm
Weight	: 2 Kg
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.

