

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

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|-----------------------------|---|
| 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

