

Clamp On Current Transformers – AC



US UE 1000A / 1V

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

ELECTRICAL DATA

Primary current rating	: 1000A Continuous
Measuring range	: 1A to 1000A
Frequency range	: 40Hz to 5000 Hz
Output signal	: 1A = 1mV
Ratio	: 1000 / 1
Accuracy	: 1% from 0.1 to 1.2 IN
Accuracy at 2000 Hz	: 100A at 1%
Phase difference at 2000 Hz	: 2 degrees
Internal load	: 1 Ohm
External mini load	: 10K Ohms
Power measurement	: Take care to keep the conventional direction P1 = S1 rear of the arrows.
Protection class	: Cat I according to IEC 1010-1
Dielectric strength	: 3 KV 50 Hz 1 min
Temperature range	: -10° to + 50° C
Operating voltage with stripped conductor	: 30 Volt eff.
Operating voltage with insulated conductor	: 600V
“Opening” cable	: Diameter 43 mm
Dimensions (mm)	: 90 x 205 x 40 mm
Weight	: 650 g
Output connection	: 2 m cable with insulated BNC
Colour	: Blue

Designed in accordance with IEC 1010 – 1

Note: 30V max for stripped conductor

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.

