

Clamp On Current Transformers – AC

M3 U 100A / 1V



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

ELECTRICAL DATA

Primary rated current	: 100A
Measuring range	: 1A to 300A
Frequency range	: 40Hz to 10KHz
Output signal	: 1A = 10mV
Ratio	: 100 / 1
Accuracy	: 1% from 0.1 to 1.2 IN
Accuracy at 2000 Hz	: 10A at 2%
Phase difference at 2000 Hz	: 1 degree
External mini load	: 10K Ohms
Power measurement	: Take care to keep the conventional direction P1 = S1 rear of the arrows.
Protection class	: Cat III 600 Volts according to IEC 1010-1
Dielectric strength	: 3 KV 50 Hz 1 min
Temperature range	: -10° to + 50° C
Operating voltage max	: 600 Volts
“Opening” cable	: 15 x 17 mm
Dimensions (mm)	: 97 x 43 x 23 mm
Weight	: 115 g
Output connection	: Cable 2 m with insulated BNC
Colour	: Blue

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.

