

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

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| 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 1.0 IN |
| Accuracy at 2000 Hz | : 100A at 1% |
| Phase difference at 2000 Hz | : 2 degrees |
| Internal load | : 1 Ohm |
| External mini load | : 10 Kohms |
| 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. Safe operation is his responsibility. It is up to the user to ensure that the equipment is at all times in its original safe conditions.