

Model 4AN4

Precision Split CT

mV AC Output, 600VAC Rated

- Rust Proof Nickel Core
- Window 0.75" Removable Top
- Select Up to 300A
- Meter Accuracy Class 0.2 or 0.1
- Low phase displacement
- Recognized to UL IEEE C57.13



The Model 4AN4 Split Current Transformer is a low AC voltage output transformer designed to simplify the installation over insulated conductors. The transformer core material is extra thick nickel core for ultra precision measurement of AC current. Two screws are used to secure the top after closing. Standard turns ratio is 1250:1, but other ratios can be provided or we can set an output voltage using an internal.

Specifications:

Input Current	AC current, sinewave, single phase 50/60Hz
Voltage Rating	600VAC, Per ANSI C57.13 BIL 2.5KV AC Full Wave for 60 seconds
Output Voltage with internal resistor	100mV, 250mV, 333mV, 500mV or 1000mV
Turns Ratios	1000:1, 1250:1, 2000:1 or 3000:1 with external burden resistor
Accuracy, Standard	Class 0.2 from 1% to 120% per IEC 60044-1 Table 11 or better
Accuracy, Optional	Class 0.1 from 1% to 120% per IEC6044-1 Table 12 or better
Phase Displacement	Adjustable to 15 minutes or better over range
Bandwidth	50Hz to 400Hz
Phase Relationship	Label points to the current source with positive output on white wire
Interface Resistance	Must be 10K ohms or higher
Temperature Range	-20°C to +70C
Temperature Coefficient/Altitude	+55°C ambient and 6000 feet per ANSI C57.13
Construction	Plastic PVC
Lead Wires	8' Twisted black and white, 22AWG, UL1015

