

Model 2AN/2VN

Toroidal Current Transformer

2AN (Amps Out), 2VN (Volts Out)

Made in the USA

- UL 2808 Listed E361441
- Input 10A to 400A
- Output 100mV to 1000mV
- Accuracy Class 0.5
- Window Sizes 0.5" up to 2.5"



The Model 2AN and 2VN are indoor type toroidal current transformers for Measurement Category Class III as an accessory for UL listed energy monitoring equipment to meet the requirements of UL916 and CSA 61010-1 2nd Edition. All units can be potted using UL recognized potting compound for outdoor use. The case is high temperature UL recognized plastic. The 2VN is provided with and internal burden resistor for a calibrated output voltage. The 2AN is a ratio type for 0.1A output current for use with and external burden resistor. The current transformers are provided with up to 8' black and white twisted MTW 18AWG UL1015 leads rated to 600VAC.

Specifications

<i>Input Current</i>	AC current, sinewave, single phase 50/60Hz
<i>Voltage Rating</i>	600VAC RMS
<i>Bandwidth</i>	50Hz and 60Hz
<i>Output Voltage (2VN)</i>	100mv, 250mV, 333mV, 500mV, 1VAC
<i>Output Current (2AN)</i>	Turns ratio set for 0.1A output into customer provided burden resistor
<i>Output Limiting</i>	Customer provides output limiting
<i>Standard Accuracy Class</i>	Class 0.5% per IEC61869
<i>Optional Accuracy Class</i>	Class 0.2% per IEC61869
<i>Burden Interface</i>	Must be provided when ordering 2AN models
<i>Output Resistance (2VN)</i>	Less than 200Ω - for high Z termination
<i>Temperature Range</i>	-40°C to 60°C
<i>Altitude / Pollution Degree</i>	Up to 2000 meters / 2
<i>Temperature Coefficient</i>	Less than 0.05% from -40°C to 100°C
<i>Continuous Current Rating Factor</i>	1.0 or sometimes shown as 1X
<i>Construction</i>	Molded or milled high temp UL plastic and/or potted construction per UL requirements
<i>Lead Wires</i>	Unless specified, 8ft. twisted black and white, 18AWG MTW, UL1015, 600V, 105°C