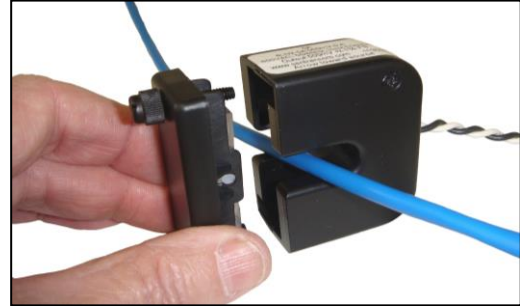


Model LN2 Split Core Current Transformer Class 0.5

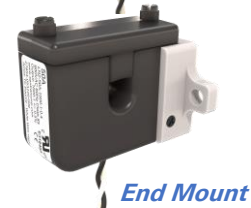
- Accuracy Typically 0.5% or Better
- Window 0.47" Diameter
- Select Input 1A to 100A AC 50/60Hz
- Select Voltage or Current Output
- Removable Leg - Easy to Install
- Non-Corrosive Core
- UL Recognized E318465
- Several Mounting Options



LN2 AC VOLTAGE OUTPUT TYPE: The LN2 is an indoor type CT. An internal voltage setting resistor sets the full-scale output voltage per table below.

LN2 CURRENT RATIO TYPE: Contact Sentran Corp for quote to match your meter input resistance and our maximum turns ratio for full scale current.

Input Current: AC current, 50/60Hz sinewave, select from 1A TO 100A
Over-Current: Designed for short duration fault currents (typically 120% < 5 seconds)
Voltage Rating: 600VAC insulated conductors
Interface Impedance for AC Voltage Style: Minimum of 50k Ohm resistive
Output: Millivolts AC, mV/A or Volts Maximum –See Table for 100mA max current output
Output Resistance: 100 Ohms or less -- depends on input range for up to 1Vac output
Ratio/Linearity Accuracy: At full scale, +/-0.5% or better
Phase Displacement or Shift: 30' maximum @ 60Hz
Phase Connection Relationship: White wire positive arrow towards input source
Bandwidth: 50Hz to 60Hz (for wideband applications, contact Sentran Corp)
Temperature Range: -20°C TO +55°C
Construction: Plastic ABS UL94-VO case -- removable leg uses two knurled nylon screws
Leads: 8 foot standard twisted black and white 22 AWG UL1015 600V (50 foot common)



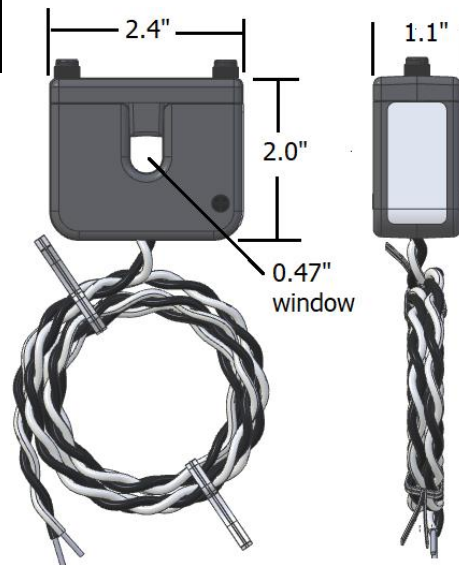
Standard/Popular Volt Output Styles

Part Number	Input Current	Volt Output
LN2-1A:79mV/A	1A	79mV/A
LN2-1A:250mV	1A	250mV
LN2-1A:333mV	1A	333mV
LN2-5A:100mV	5A	100mV
LN2-5A:250mV	5A	250mV
LN2-5A:333mV	5A	333mV
LN2-5A:500mV	5A	500mV
LN2-5A:1000mV	5A	1000mV
LN2-25A:2V	25A	2V
LN2-50A:100mV	50A	100mV
LN2-50A:15.8mV/A	50A	15.8mV/A

Popular Current Ratio Style
100mA output maximum allowed
LN2-20A:500:1
LN2-50A:500:1
LN2-1000::1
LN2-50A:0.5mA/A

Part Numbering System (ID Window = 0.47")

LN2 – Input Amps – Output millivolts or 100mA max
Example: LN2-10A:1000mV is a 10A full scale CT with an internal resistor to provide 1000mV output at full scale.



October 10, 2020

SENTRAN
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