

Model LNxF

Precision Current Transformer Revenue Grade-High Accuracy



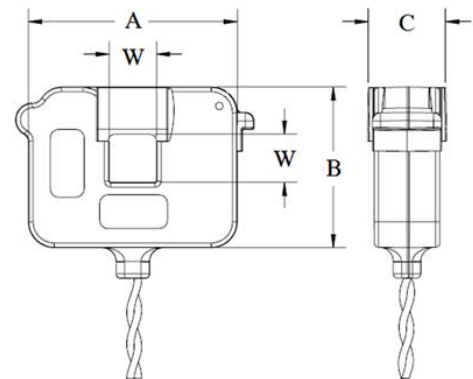
- Non-corrosive Nickel Core
- Three Window Sizes: 0.4", 0.7", 1.25"
- Current Ranges 1A to 600A
- Accuracy Class 0.2
- Low Phase Shift (0.25° Typical)
- Excellent Low Current Sensitivity



The LNxF series consists of Models LN2F, LN3F, and LN4F, each with a specific window size of 0.4", 0.7", and 1.25" respectively. All models in the LNxF series are UL Listed to UL2808 and CSA C22.2 61010-1. These CT's are Revenue Grade with an accuracy of Class 0.2, great for precision monitoring. Each model comes standard with a hinged tilt-top for easy one-handed installation. An internal resistor sets an output voltage up to 1000mV with 333mV being a standard. Current outputs are available with built-in Transient Voltage Suppressors (TVS) for shock protection of the leads are not terminated.

Specifications:

Input Current.....AC current max, sine wave, single phase 50/60Hz
Voltage Rating.....600VAC RMS. CAT III per 61010-1
Output Voltage.....100mV, 250mV, 333mV, 500mV, 1VAC
Output Current.....Up to 333mA. 100mA standard. Must provide the burden (VA)
Accuracy, Standard.....Class 0.5 from 1% to 120% per IEC 61869 Table 201 or better
Accuracy, Optional.....Class 0.2 from 1% to 120% per IEC 60044-1 Table 12 or better
Output Resistance.....5A input = 340 down to 10
Interface Resistance.....Must be 50k or higher
Temperature Range.....-40°C to 55°C
Shorted Leads.....Continuous open or shorted will not harm product
Construction.....Molded cases of UL recognized plastic
Altitude.....Up to 2000 meters | **Pollution Degree**.....2 | **Humidity**.....to 95% non-condensing
Lead Wires.....8ft. twisted black and white, 18AWG, UL1015



Size Chart

(-XX) = Input FLA Amps (-YY) = Output Millivolts	W WINDOW	A DIMENSION	B DIMENSION	C DIMENSION
LN2F-XX-YY 1, 5, 15, 30, 50, 70, 75, 100 AMPS	0.4in 10.17mm	2.4in 60.69mm	1.65in 41.91mm	0.85-1.1in 21.58-27.94mm
LN3F-XX-YY 15, 20, 30, 50, 75, 100, 150, 200 AMPS	0.7in 17.80mm	3.0in 76.19mm	2.4in 60.96mm	1.1in 27.94mm
LN4F-XX-YY 50, 70, 75, 100, 150, 200 250, 300, 400, 500, 600 AMPS	1.25in 31.75mm	3.3in 83.81mm	3.1in 78.74mm	1.3in 33.04mm

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