

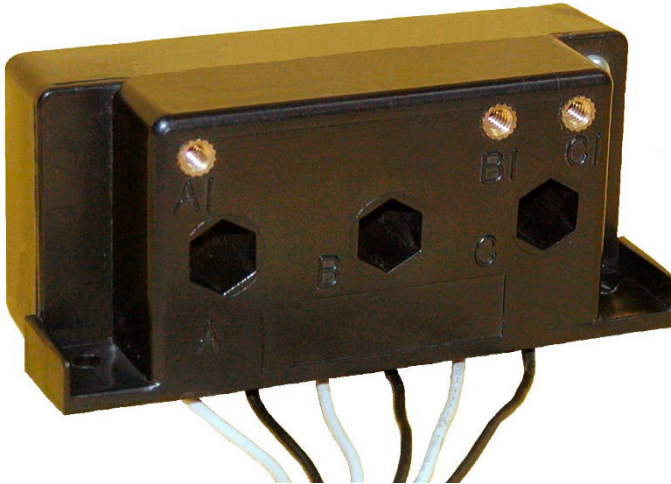
Current Transformer Model 3P1

Window Diameter 0.31" Across Flats

REGULATORY AGENCY APPROVALS



Manufactured to meet the requirements of ANSI/IEEE C57.13.
Classified by U.L. in accordance with IEC 44-1



APPLICATION:

3 phase metering and other switchboard applications and for current to voltage conversion by use of a loading resistor as illustrated in the graph below.

FREQUENCY:

50-400 Hz.

INSULATION LEVEL:

600 Volts, 10 kV BIL full wave.

CONTINUOUS THERMAL CURRENT RATING FACTOR:

150A at 30°C amb., 100 A at 55°C amb. The electrical design basis is 5 ampere-turns nominal primary input to produce 1 volt secondary output when terminated with a 185 OHMS resistor.

The transformer will not saturate when the primary ampere-turns are increased 12 times. Secondary leads are #22 AWG P.V.C. insulated 600V. Hook up wire 8" long. All start leads are white, all finish leads are black. (6) No. 6-32 inserts are provided for primary connections when required for 1 ampere external winding.

Approximate weight 0.50 lbs.

CATALOG NUMBER	CURRENT RATIO	ACCURACY AT 60 Hz	BURDEN VA 60 Hz
3P1-1000T	1000 TURNS	-	-

Model 3P1

The graph below illustrates voltage output capacity, and over the ranges shown, will maintain $\pm 3\%$ linearity.

