

Model 3P3

Current Transformer Window Diameter 0.97"

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 and having low primary current input.

Frequency

50-400 Hz.

Insulation Level

600 Volts, 10 kV BIL full wave.

Continuous Thermal Current Rating Factor

Models 3P3-500 - 3P3-301:

1.33 at at 30°C ambient.

1.0 at 55°C ambient.

Models 3P3-1000T:

450 A at 30°C amb., 300 A at 55°C amb.,

Terminals are brass studs No. 8-32 with one flatwasher, lockwasher and regular nut.

Transformers can be ordered with secondary leads configured in various ways (consult factory).

Load resistors may be mounted directly on terminals thus providing a "space saver" feature.

Approximate weight 1.75 lbs.

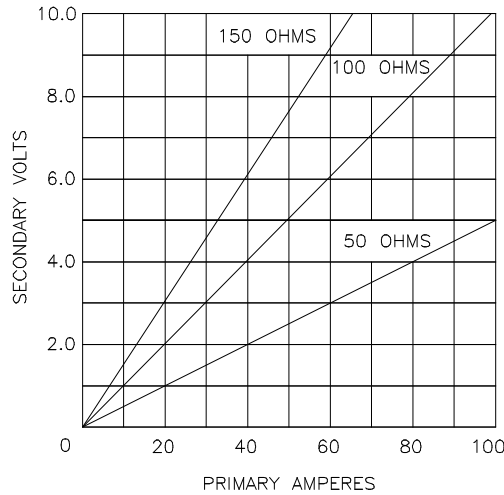


Data Table Model 3P3

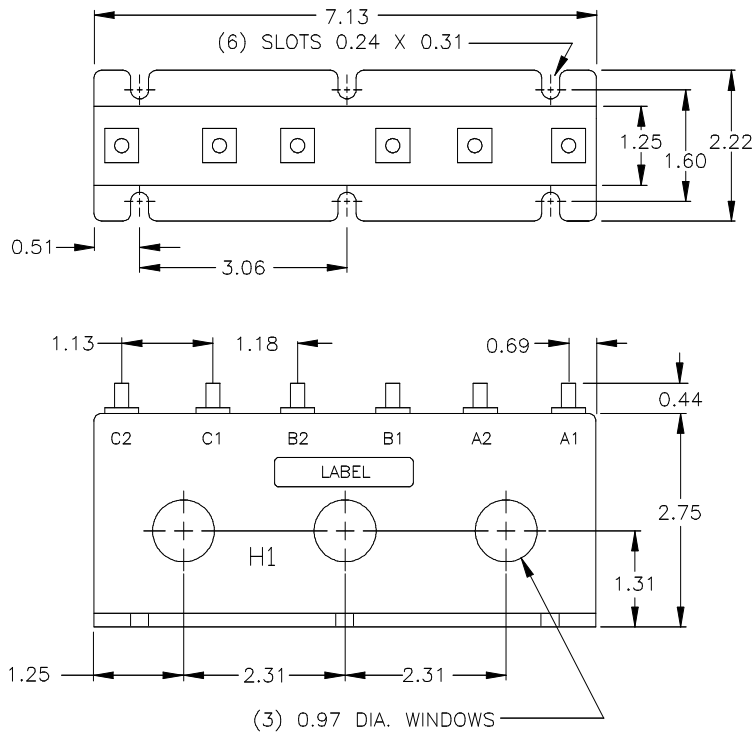
Catalog Number	Current Ratio	Accuracy at 60 Hz	Burden VA 60 Hz
3P3-500	50:5	± 3%	2.0
3P3-600	60:5	± 2%	2.0
3P3-750	75:5	± 2%	2.0
3P3-800	80:5	± 2%	2.0
3P3-101	100:5	± 1%	2.0
3P3-121	120:5	± 1%	2.0
3P3-1250	125:5	± 1%	2.5
3P3-151	150:5	± 1%	2.5
3P3-201	200:5	± 1%	5.0
3P3-251	250:5	± 1%	7.5
3P3-301	300:5	± 1%	10.0
3P3-1000T		See Performance Graph	



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



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