

# 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.

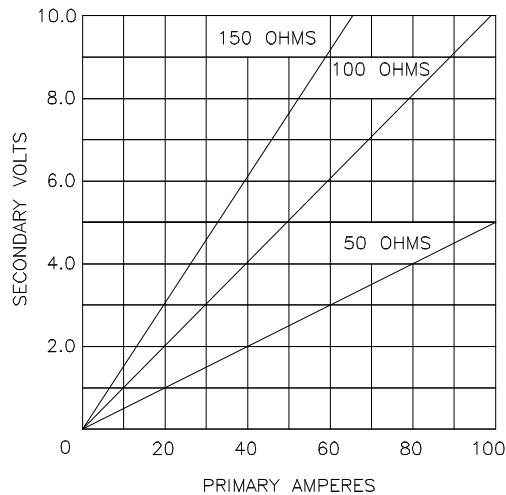


### Data Table Model 3P3

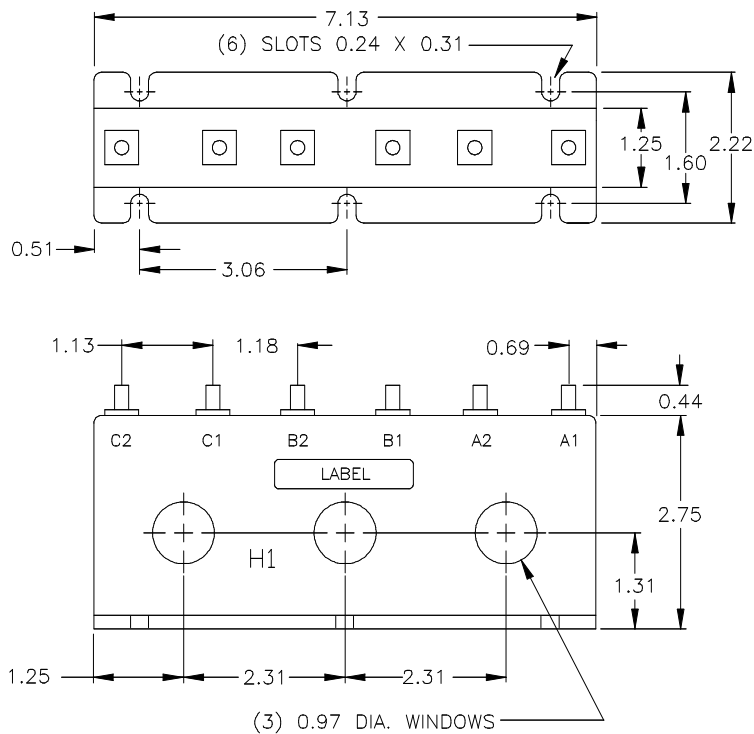
| Catalog Number | Current Ratio | Accuracy at 60 Hz     | Burden VA 60 Hz |
|----------------|---------------|-----------------------|-----------------|
| 3P3-500        | 50:5          | ± 3%                  | 2.0             |
| 3P3-600        | 60:5          | ± 2%                  | 2.0             |
| 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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