# CURRENT TRANSFORMERS

## Model 117 (**Window Size**: 4.62” Diameters)

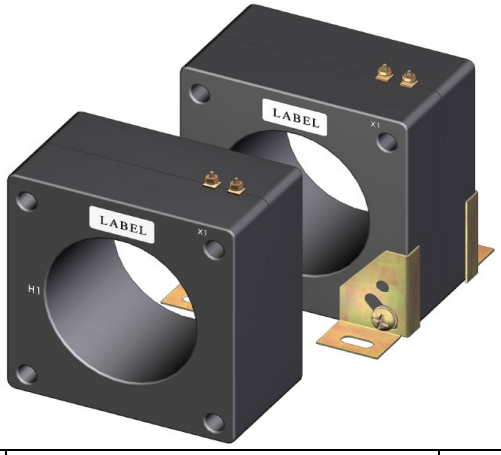
**Application**: Used for Relay and Metering applications

**Frequency**: 50-400 Hz **cRUus E238872 CSAus 245941**

**Insulation Level**: 600 Volts, 10Kv BIL Full Wave

**Standards**: CSA 66.1-06, CSA 66.2-06, IEEE C 57.13, and UL 506

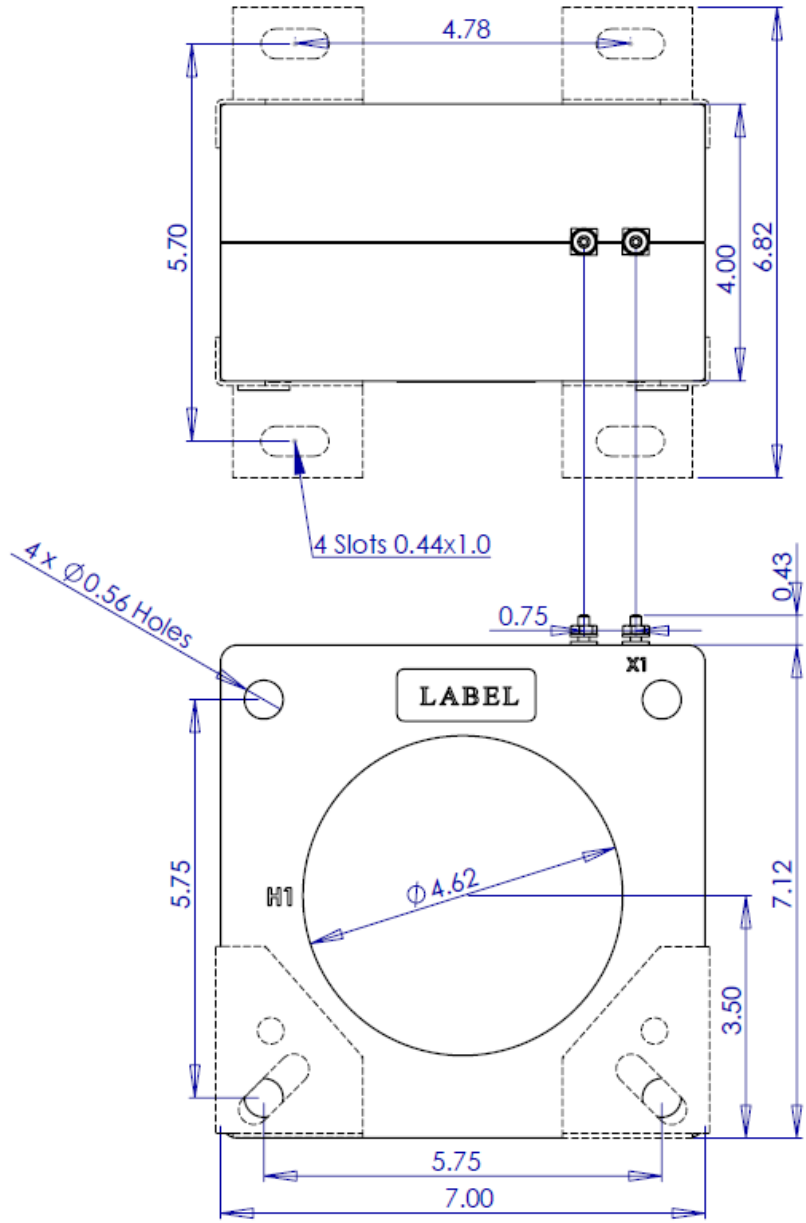
- Terminals are brass studs No. 8-32 UNC with one flat washer, one lock washer and one nut each.
- Other Ratios available on request.
- Mounting Bracket Kits are sold separately (P/N 0221B01525)
- Approximate weight: 13 lbs.

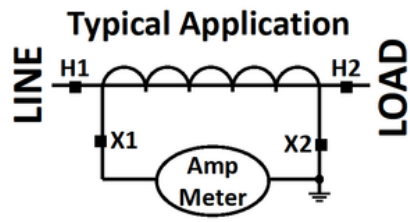


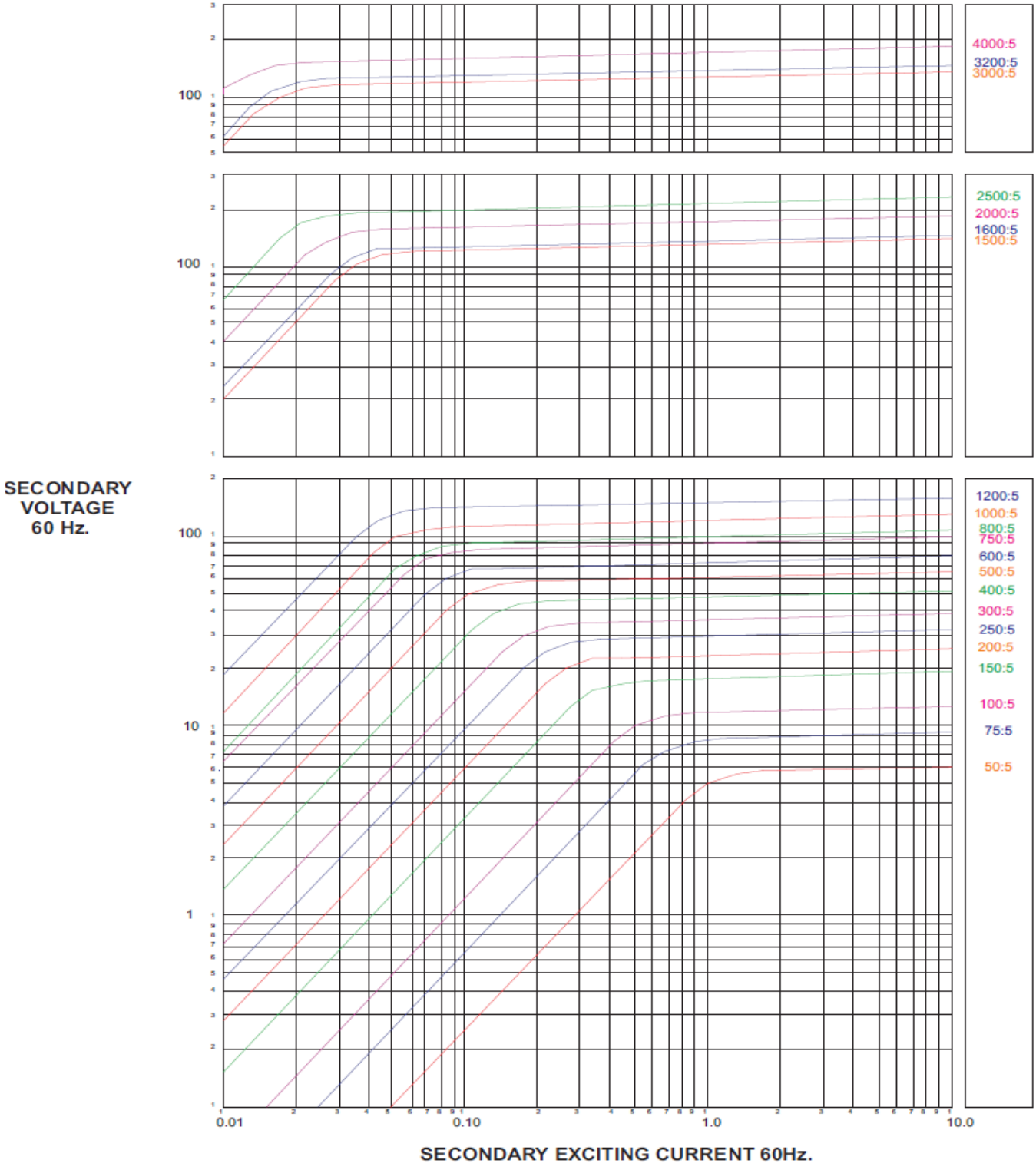

| Catalog Number | Current Ratio | Relay Class | ANSI Metering Class at 60 Hz. | | | | | Secondary Winding Resistance | Continuous Thermal Rating Factor | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | B0.1 | B0.2 | B0.5 | B0.9 | B1.8 | Ohms at 75ºC | at 30ºC | at 55ºC |
| 117-500 | 50:5 | ---- | 2.4 | --- | --- | --- | -- | 0.015 | 2.0 | 2.0 |
| 117-750 | 75:5 | ---- | 2.4 | 2.4 | --- | --- | --- | 0.024 | 2.0 | 2.0 |
| 117-101 | 100:5 | ---- | 1.2 | 2.4 | 4.8 | --- | --- | 0.043 | 2.0 | 2.0 |
| 117-151 | 150:5 | C10 | 0.6 | 0.6 | 2.4 | 4.8 | 4.8 | 0.069 | 2.0 | 2.0 |
| 117-201 | 200:5 | C10 | 0.6 | 0.6 | 1.2 | 2.4 | 4.8 | 0.085 | 2.0 | 2.0 |
| 117-251 | 250:5 | C20 | 0.6 | 0.6 | 0.6 | 1.2 | 2.4 | 0.106 | 2.0 | 2.0 |
| 117-301 | 300:5 | C20 | 0.3 | 0.3 | 0.6 | 1.2 | 2.4 | 0.145 | 2.0 | 2.0 |
| 117-401 | 400:5 | C20 | 0.3 | 0.3 | 0.3 | 0.6 | 1.2 | 0.184 | 2.0 | 2.0 |
| 117-501 | 500:5 | C20 | 0.3 | 0.3 | 0.3 | 0.3 | 0.6 | 0.236 | 2.0 | 1.5 |
| 117-601 | 600:5 | C20 | 0.3 | 0.3 | 0.3 | 0.3 | 0.6 | 0.283 | 2.0 | 1.5 |
| 117-751 | 750:5 | C50 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.354 | 1.5 | 1.33 |
| 117-801 | 800:5 | C50 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.425 | 1.5 | 1.33 |
| 117-102 | 1000:5 | C50 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.531 | 1.5 | 1.0 |
| 117-122 | 1200:5 | C100 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.637 | 1.33 | 1.0 |
| 117-152 | 1500:5 | C50 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.768 | 1.33 | 1.0 |
| 117-162 | 1600:5 | C50 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.819 | 1.0 | 0.8 |
| 117-202 | 2000:5 | C50 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 1.024 | 1.0 | 0.6 |
| 117-252 | 2500:5 | C100 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 1.279 | 1.0 | 0.6 |
| 117-302 | 3000:5 | ---- | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 1.428 | 1.0 | 0.6 |
| 117-322 | 3200:5 | ---- | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 1.523 | 1.0 | 0.6 |
| 117-402 | 4000:5 | ---- | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 2.385 | 0.8 | 0.6 |

## CURRENT TRANSFORMERS

Model 117 (**Window Size**: 4.00” Diameter)



# CURRENT TRANSFORMERS

Model 117 (**Window Size**: 4.00” Diameter)