

# MODEL 624

## Current Transformer

Window Diameter 5.25"

### Application

Relaying and metering.

### Frequency

50-400 Hz.

### Insulation Level

600 Volts, 10 kV BIL full wave.



REGULATORY AGENCY APPROVALS



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

### Continuous Thermal Current Rating Factor

50:5-3200:5: 1.33 at 30°C. amb., 1.0 at 55°C. amb.

4000:5: 1.0 at 30°C. amb., 0.8 at 55°C. amb.

5000:5: 0.8 at 30°C. amb., 0.6 at 55°C. amb.

Secondary terminals are brass screws No. 10-32 with one flatwasher, lockwasher, accessible from either side.

Multi-ratios available on request. Consult Factory

Approximate weight 68 lbs.



461 Boston Street, Unit E6, Topsfield, MA 01983  
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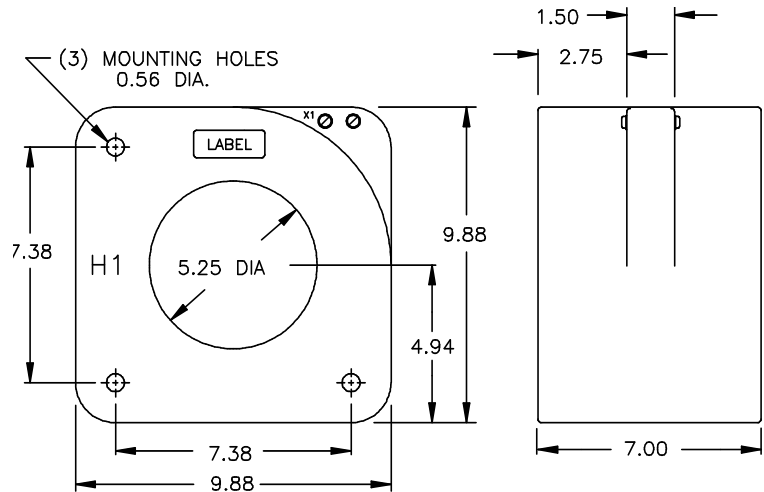
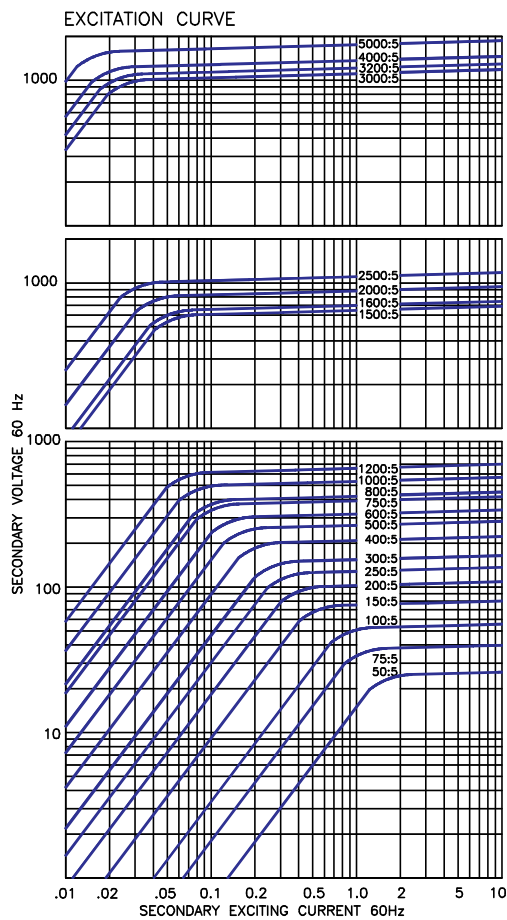
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| CATALOG<br>NUMBER | CURRENT<br>RATIO | RELAY<br>CLASS | ANSI METERING CLASS AT 60 Hz |      |      |      |      | SECONDARY<br>WINDING<br>RESISTANCE<br>( $\Omega$ @ 75°C) |
|-------------------|------------------|----------------|------------------------------|------|------|------|------|----------------------------------------------------------|
|                   |                  |                | B0.1                         | B0.2 | B0.5 | B0.9 | B1.8 |                                                          |
| 624-500           | 50:5             | C20            | 2.4                          | 4.8  | -    | -    | -    | 0.031                                                    |
| 624-750           | 75:5             | C20            | 1.2                          | 2.4  | 4.8  | 4.8  | -    | 0.047                                                    |
| 624-101           | 100:5            | C50            | 0.6                          | 1.2  | 2.4  | 4.8  | 4.8  | 0.062                                                    |
| 624-151           | 150:5            | C50            | 0.6                          | 0.6  | 1.2  | 2.4  | 4.8  | 0.096                                                    |
| 624-201           | 200:5            | C100           | 0.3                          | 0.6  | 1.2  | 1.2  | 2.4  | 0.127                                                    |
| 624-251           | 250:5            | C100           | 0.3                          | 0.6  | 0.6  | 1.2  | 2.4  | 0.159                                                    |
| 624-301           | 300:5            | C100           | 0.3                          | 0.3  | 0.6  | 0.6  | 1.2  | 0.191                                                    |
| 624-401           | 400:5            | C200           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.6  | 0.255                                                    |
| 624-501           | 500:5            | C200           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.6  | 0.319                                                    |
| 624-601           | 600:5            | C200           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.382                                                    |
| 624-751           | 750:5            | C200           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.478                                                    |
| 624-801           | 800:5            | C200           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.510                                                    |
| 624-102           | 1000:5           | C400           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.637                                                    |
| 624-122           | 1200:5           | C400           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.765                                                    |
| 624-152           | 1500:5           | C400           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.918                                                    |
| 624-162           | 1600:5           | C400           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.979                                                    |
| 624-202           | 2000:5           | C400           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 1.224                                                    |
| 624-252           | 2500:5           | C800           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 1.529                                                    |
| 624-302           | 3000:5           | C800           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 1.702                                                    |
| 624-322           | 3200:5           | C800           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 1.912                                                    |
| 624-402           | 4000:5           | C800           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 2.185                                                    |
| 624-502           | 5000:5           | C800           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 3.428                                                    |



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