

GE

Energy Connections

Model 680

Current Transformer Window Diameter 7.02"

Application

Relaying and metering.

Frequency

50-400 Hz.

Insulation Level

600 Volts, 10 kV BIL full wave.

Continuous Thermal Current Rating Factor

50:5-1200:5 2.0 at 30°C. amb., 1.5 at 55°C amb. and 2000:5

2500:5-4000:5: 1.33 at 30°C. amb., 1.0 at 55°C. amb.

5000:5: 1.0 at 30°C. amb., 0.8 at 55°C. amb.

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

Approximate weight 34 lbs.



REGULATORY AGENCY APPROVALS



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

Model 680

| Catalog Number | Current Ratio | Relay Class | ANSI Metering Class at 60 HZ | | | | |
|----------------|---------------|-------------|------------------------------|------|------|------|------|
| | | | B0.1 | B0.2 | B0.5 | B0.9 | B1.8 |
| 680-500 | 50:5 | — | 4.8 | 4.8 | — | — | — |
| 680-750 | 75:5 | C10 | 1.2 | 2.4 | — | — | — |
| 680-101 | 100:5 | C10 | 1.2 | 1.2 | 4.8 | — | — |
| 680-151 | 150:5* | C20 | 0.6 | 1.2 | 2.4 | 4.8 | — |
| 680-201 | 200:5* | C20 | 0.6 | 1.2 | 1.2 | 2.4 | 4.8 |
| 680-251 | 250:5* | C20 | 0.6 | 0.6 | 1.2 | 2.4 | 2.4 |
| 680-301 | 300:5* | C20 | 0.3 | 0.6 | 0.6 | 1.2 | 2.4 |
| 680-401 | 400:5* | C50 | 0.3 | 0.3 | 0.6 | 0.6 | 1.2 |
| 680-501 | 500:5* | C50 | 0.3 | 0.3 | 0.3 | 0.6 | 0.6 |
| 680-601 | 600:5* | C100 | 0.3 | 0.3 | 0.3 | 0.3 | 0.6 |
| 680-751 | 750:5* | C100 | 0.3 | 0.3 | 0.3 | 0.3 | 0.6 |
| 680-801 | 800:5* | C100 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 680-102 | 1000:5* | C100 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 680-122 | 1200:5* | C200 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 680-152 | 1500:5* | C200 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 680-202 | 2000:5* | C200 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 680-252 | 2500:5* | C200 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 680-302 | 3000:5* | C200 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 680-402 | 4000:5* | C200 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 680-502 | 5000:5* | C200 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |

Approved for revenue metering by Industry Canada No. AE-0644(*)



