

GE
Energy Connections

Models 540, 541, 542

Current Transformers
Window Sizes 0.53" x 1.53", 0.53"x 3.03", 0.53"x 4.03"

Application

Metering.

Frequency

50-400 Hz.

Insulation Level

600 Volts, 10 kV BIL full wave.

**Continuous Thermal
Current Rating Factor**

1.33 at 30 °C. amb.,
1.0 at 55 °C. amb.

Terminals are brass screws No. 10-32
with one flatwasher and lockwasher.

Approximate weight 5 lbs.

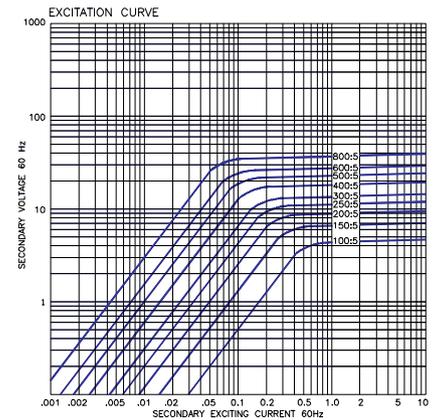


REGULATORY AGENCY APPROVALS



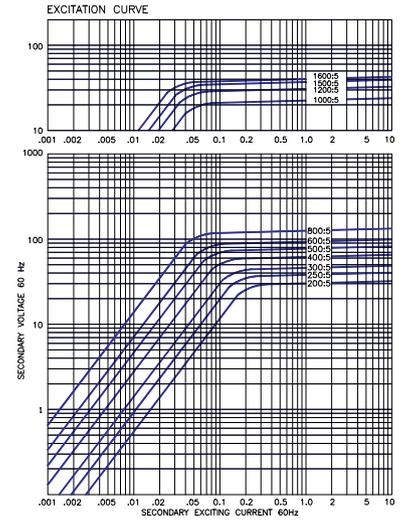
Model 540

| Catalog Number | Current Ratio | ANSI Metering Class at 60 HZ | | Secondary Winding Resistance (Ω @ 75 °C) |
|----------------|---------------|------------------------------|------|--|
| | | BO.1 | BO.2 | |
| 540-101 | 100:5 | 1.2 | 2.4 | 0.018 |
| 540-151 | 150:5 | 1.2 | 2.4 | 0.038 |
| 540-201 | 200:5 | 1.2 | 1.2 | 0.051 |
| 540-251 | 250:5 | 0.6 | 0.6 | 0.053 |
| 540-301 | 300:5 | 0.6 | 0.6 | 0.077 |
| 540-401 | 400:5 | 0.6 | 0.6 | 0.102 |
| 540-501 | 500:5 | 0.6 | 0.6 | 0.128 |
| 540-601 | 600:5 | 0.6 | 0.6 | 0.153 |
| 540-801 | 800:5 | 0.3 | 0.3 | 0.204 |



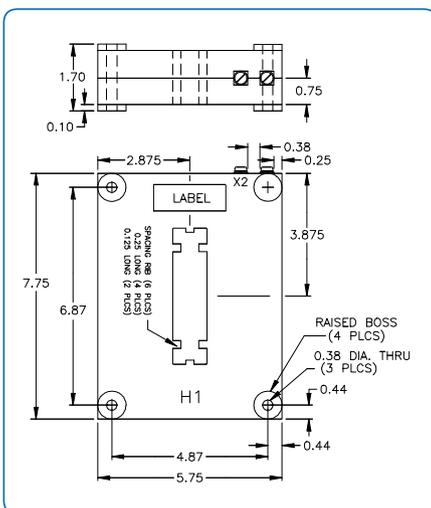
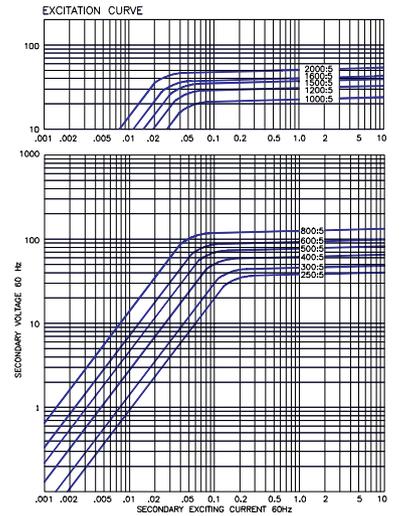
Model 541

| Catalog Number | Current Ratio | ANSI Metering Class at 60 HZ | | Secondary Winding Resistance (Ω @ 75 °C) |
|----------------|---------------|------------------------------|------|--|
| | | BO.1 | BO.2 | |
| 541-201 | 200:5 | 1.2 | 1.2 | 0.051 |
| 541-251 | 250:5 | 0.6 | 0.6 | 0.053 |
| 541-301 | 300:5 | 0.6 | 0.6 | 0.077 |
| 541-401 | 400:5 | 0.6 | 0.6 | 0.102 |
| 541-501 | 500:5 | 0.6 | 0.6 | 0.128 |
| 541-601 | 600:5 | 0.6 | 0.6 | 0.153 |
| 541-801 | 800:5 | 0.3 | 0.3 | 0.204 |
| 541-102 | 1,000:5 | 0.3 | 0.3 | 0.189 |
| 541-122 | 1,200:5 | 0.3 | 0.3 | 0.227 |
| 541-152 | 1,500:5 | 0.3 | 0.3 | 0.284 |
| 541-162 | 1,600:5 | 0.3 | 0.3 | 0.303 |



Model 542

| Catalog Number | Current Ratio | ANSI Metering Class at 60 HZ | | Secondary Winding Resistance (Ω @ 75 °C) |
|----------------|---------------|------------------------------|------|--|
| | | BO.1 | BO.2 | |
| 542-251 | 250:5 | 0.6 | 0.6 | 0.053 |
| 542-301 | 300:5 | 0.6 | 0.6 | 0.077 |
| 542-401 | 400:5 | 0.6 | 0.6 | 0.102 |
| 542-501 | 500:5 | 0.6 | 0.6 | 0.128 |
| 542-601 | 600:5 | 0.6 | 0.6 | 0.153 |
| 542-801 | 800:5 | 0.3 | 0.3 | 0.204 |
| 542-102 | 1,000:5 | 0.3 | 0.3 | 0.189 |
| 542-122 | 1,200:5 | 0.3 | 0.3 | 0.227 |
| 542-152 | 1,500:5 | 0.3 | 0.3 | 0.284 |
| 542-162 | 1,600:5 | 0.3 | 0.3 | 0.303 |
| 542-202 | 2,000:5 | 0.3 | 0.3 | 0.379 |



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