

# CURRENT TRANSFORMER

MODELS 543, 544, 545, 546,  
547, 548

Window Sizes  $0.53" \times 1.53"$   
 $0.53" \times 3.03"$   
 $0.53" \times 4.03"$

APPLICATION:  
Relaying and metering.

FREQUENCY:  
60 Hz.

INSULATION LEVEL:  
0.6 kV, BIL 10 kV full wave.

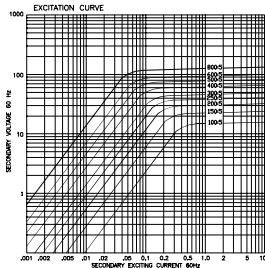
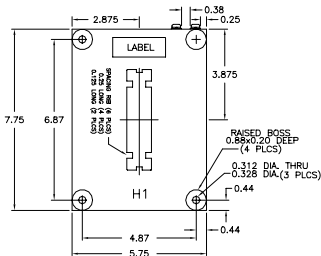
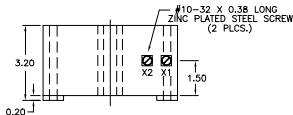
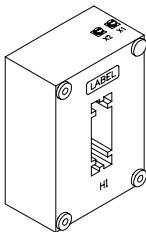
CONTINUOUS THERMAL  
RATING FACTOR:  
1.33 at 30°C. amb.  
1.0 at 55°C. amb.

- Terminals are 10-32 zinc plated steel screws with flat and lockwashers.
- Cast resin construction.
- Approximate weight 15-20 lbs.

REGULATORY AGENCY APPROVALS



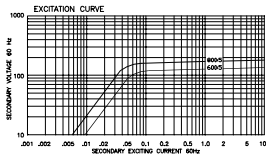
Manufactured to meet the requirements of ANSI/IEEE C57.13.  
Classified by U.L. in accordance with IEC 44-1



## CURRENT TRANSFORMER MODEL 543

Window Sizes  $0.53" \times 1.53"$

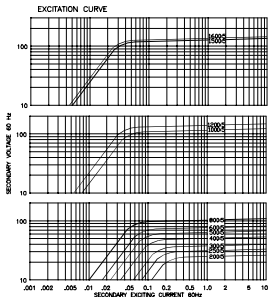
| CATALOG NUMBER | CURRENT RATIO | RELAY CLASS | ANSI METERING CLASS AT 60 Hz |      | SECONDARY WINDING RESISTANCE (OHMS @ 75°C) |
|----------------|---------------|-------------|------------------------------|------|--|
|                |               |             | B0.1                         | B0.2 |  |
| 543-101        | 100:5         | C10         | 1.2                          | 2.4  | 0.045                                      |
| 543-151        | 150:5         | C20         | 0.6                          | 1.2  | 0.053                                      |
| 543-201        | 200:5         | C20         | 0.6                          | 0.6  | 0.089                                      |
| 543-251        | 250:5         | C20         | 0.3                          | 0.6  | 0.112                                      |
| 543-301        | 300:5         | C20         | 0.3                          | 0.3  | 0.134                                      |
| 543-401        | 400:5         | C50         | 0.3                          | 0.3  | 0.142                                      |
| 543-501        | 500:5         | C50         | 0.3                          | 0.3  | 0.281                                      |
| 543-601        | 600:5         | C50         | 0.3                          | 0.3  | 0.337                                      |
| 543-801        | 800:5         | C50         | 0.3                          | 0.3  | 0.564                                      |



## CURRENT TRANSFORMER MODEL 544

*Window Sizes 0.53" X 1.53"*

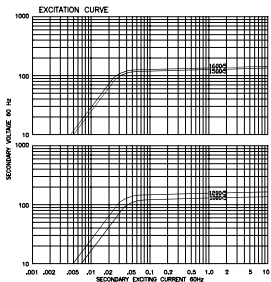
| CATALOG NUMBER | CURRENT RATIO | RELAY CLASS | ANSI METERING CLASS AT 60 Hz |      | SECONDARY WINDING RESISTANCE (OHMS @ 75°C) |
|----------------|---------------|-------------|------------------------------|------|--|
|                |               |             | B0.1                         | B0.2 |  |
| 544-601        | 600:5         | C100        | 0.3                          | 0.3  | 0.398                                      |
| 544-801        | 800:5         | C100        | 0.3                          | 0.3  | 0.666                                      |



## CURRENT TRANSFORMER MODEL 545

*Window Sizes 0.53" X 3.03"*

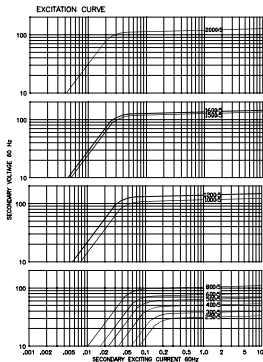
| CATALOG NUMBER | CURRENT RATIO | RELAY CLASS | ANSI METERING CLASS AT 60 Hz |      | SECONDARY WINDING RESISTANCE (OHMS @ 75°C) |
|----------------|---------------|-------------|------------------------------|------|--|
|                |               |             | B0.1                         | B0.2 |  |
| 545-201        | 200:5         | C10         | 0.6                          | 1.2  | 0.089                                      |
| 545-251        | 250:5         | C10         | 0.6                          | 1.2  | 0.112                                      |
| 545-301        | 300:5         | C20         | 0.6                          | 0.6  | 0.134                                      |
| 545-401        | 400:5         | C20         | 0.3                          | 0.6  | 0.179                                      |
| 545-501        | 500:5         | C20         | 0.3                          | 0.3  | 0.281                                      |
| 545-601        | 600:5         | C20         | 0.3                          | 0.3  | 0.337                                      |
| 545-801        | 800:5         | C50         | 0.3                          | 0.3  | 0.450                                      |
| 545-102        | 1000:5        | C50         | 0.3                          | 0.3  | 0.522                                      |
| 545-122        | 1200:5        | C50         | 0.3                          | 0.3  | 0.627                                      |
| 545-152        | 1500:5        | C50         | 0.3                          | 0.3  | 0.601                                      |
| 545-162        | 1600:5        | C50         | 0.3                          | 0.3  | 0.641                                      |



## CURRENT TRANSFORMER MODEL 546

*Window Sizes 0.53" X 3.03"*

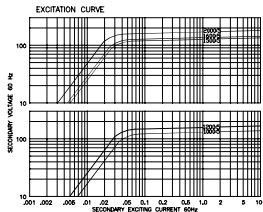
| CATALOG NUMBER | CURRENT RATIO | RELAY CLASS | ANSI METERING CLASS AT 60 Hz |      | SECONDARY WINDING RESISTANCE (OHMS @ 75°C) |
|----------------|---------------|-------------|------------------------------|------|--|
|                |               |             | B0.1                         | B0.2 |  |
| 546-102        | 1000:5        | C100        | 0.3                          | 0.3  | 0.446                                      |
| 546-122        | 1200:5        | C100        | 0.3                          | 0.3  | 0.675                                      |
| 546-152        | 1500:5        | C100        | 0.3                          | 0.3  | 0.480                                      |
| 546-162        | 1600:5        | C100        | 0.3                          | 0.3  | 0.512                                      |



## CURRENT TRANSFORMER MODEL 547

*Window Sizes 0.53'X 4.03'*

| CATALOG NUMBER | CURRENT RATIO | RELAY CLASS | ANSI METERING CLASS AT 60 Hz |      | SECONDARY WINDING RESISTANCE (OHMS @ 75°C) |
|----------------|---------------|-------------|------------------------------|------|--|
|                |               |             | B0.1                         | B0.2 |  |
| 547-251        | 250:5         | C10         | 0.6                          | 1.2  | 0.112                                      |
| 547-301        | 300:5         | C20         | 0.6                          | 0.6  | 0.134                                      |
| 547-401        | 400:5         | C20         | 0.3                          | 0.6  | 0.179                                      |
| 547-501        | 500:5         | C20         | 0.3                          | 0.3  | 0.281                                      |
| 547-601        | 600:5         | C20         | 0.3                          | 0.3  | 0.337                                      |
| 547-801        | 800:5         | C50         | 0.3                          | 0.3  | 0.450                                      |
| 547-102        | 1000:5        | C50         | 0.3                          | 0.3  | 0.522                                      |
| 547-122        | 1200:5        | C50         | 0.3                          | 0.3  | 0.627                                      |
| 547-152        | 1500:5        | C50         | 0.3                          | 0.3  | 0.601                                      |
| 547-162        | 1600:5        | C50         | 0.3                          | 0.3  | 0.641                                      |
| 547-202        | 2000:5        | C50         | 0.3                          | 0.3  | 0.513                                      |



## CURRENT TRANSFORMER MODEL 548

*Window Sizes 0.53'X 4.03'*

| CATALOG NUMBER | CURRENT RATIO | RELAY CLASS | ANSI METERING CLASS AT 60 Hz |      | SECONDARY WINDING RESISTANCE (OHMS @ 75°C) |
|----------------|---------------|-------------|------------------------------|------|--|
|                |               |             | B0.1                         | B0.2 |  |
| 548-102        | 1000:5        | C100        | 0.3                          | 0.3  | 0.446                                      |
| 548-122        | 1200:5        | C100        | 0.3                          | 0.3  | 0.675                                      |
| 548-152        | 1500:5        | C100        | 0.3                          | 0.3  | 0.480                                      |
| 548-162        | 1600:5        | C100        | 0.3                          | 0.3  | 0.512                                      |
| 548-202        | 2000:5        | C100        | 0.3                          | 0.3  | 0.640                                      |