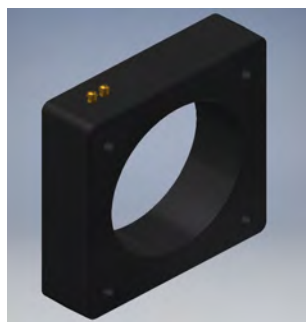




**Current Transformer  
Technologies LTD**



## Current Transformer



### APPLICATION:

Relaying and metering.

### FREQUENCY:

50-400 Hz.

### INSULATION LEVEL:

600 Volts. 10 kV BIL. full wave

### WINDOW DIAMETER:

8.13"

### APPROXIMATE WEIGHT:

22 lbs.

### CONNECTIONS:

-Terminals are brass screws No. 10-32 UNF  
with one flat washer and a split lock washer

-Multi-ratios available upon request

-Mounting Kit – #140-KIT

**Model 140**

rev 10172025

### CERTIFICATIONS:



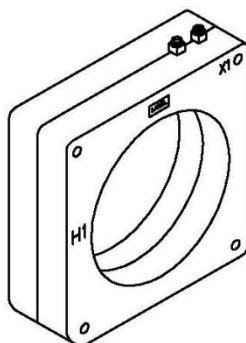
|             |       |
|-------------|-------|
| Model       | 140   |
| Window Size | 8.13  |
| Width       | 11.10 |
| Height      | 11.47 |
| Depth       | 3.00  |

### MODEL 140

Window Diameter 8.13"

Approximate weight: 22 lbs.

| CATALOG<br>NUMBER | CURRENT<br>RATIO | RELAY<br>CLASS | ANSI METERING CLASS AT 60 HZ |      |      |      |      | SECONDARY<br>WINDING<br>RESISTANCE<br>(OHMS @ 75°C) | CONTINUOUS<br>THERMAL RATING<br>FACTOR |        |
|-------------------|------------------|----------------|------------------------------|------|------|------|------|-----------------------------------------------------|----------------------------------------|--------|
|                   |                  |                | B0.1                         | B0.2 | B0.5 | B0.9 | B1.8 |                                                     | @ 30°C                                 | @ 55°C |
| 140 – 500         | 50:5             | -              | -                            | -    | -    | -    | -    | 0.022                                               | 2                                      | 2      |
| 140 – 101         | 100:5            | -              | 2.4                          | 4.8  | -    | -    | -    | 0.043                                               | 2                                      | 2      |
| 140 – 201         | 200:5            | C10            | 1.2                          | 1.2  | 2.4  | 4.8  | -    | 0.088                                               | 2                                      | 2      |
| 140 – 251         | 250:5            | C20            | 1.2                          | 1.2  | 2.4  | 2.4  | 4.8  | 0.110                                               | 2                                      | 2      |
| 140 – 301         | 300:5            | C20            | 0.6                          | 1.2  | 1.2  | 2.4  | 2.4  | 0.131                                               | 2                                      | 2      |
| 140 – 401         | 400:5            | C20            | 0.3                          | 0.3  | 0.6  | 1.2  | 2.4  | 0.150                                               | 2                                      | 2      |
| 140 – 501         | 500:5            | C20            | 0.3                          | 0.3  | 0.6  | 1.2  | 1.2  | 0.216                                               | 2                                      | 2      |
| 140 – 601         | 600:5            | C50            | 0.3                          | 0.3  | 0.3  | 0.6  | 1.2  | 0.276                                               | 2                                      | 2      |
| 140 – 801         | 800:5            | C50            | 0.3                          | 0.3  | 0.3  | 0.3  | 0.6  | 0.351                                               | 2                                      | 2      |
| 140 – 102         | 1000:5           | C50            | 0.3                          | 0.3  | 0.3  | 0.3  | 0.6  | 0.432                                               | 2                                      | 1.5    |
| 140 – 122         | 1200:5           | C100           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.529                                               | 1.5                                    | 1.5    |
| 140 – 152         | 1500:5           | C100           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.657                                               | 1.5                                    | 1      |
| 140 – 202         | 2000:5           | C100           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.865                                               | 1.33                                   | 1      |
| 140 – 252         | 2500:5           | C100           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 1.009                                               | 1.33                                   | 1      |
| 140 – 302         | 3000:5           | C100           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 1.211                                               | 1                                      | 0.8    |
| 140 – 402         | 4000:5           | C200           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 1.614                                               | 1                                      | 0.8    |
| 140 – 502         | 5000:5           | C50            | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 1.836                                               | 1                                      | 0.8    |
| 140 – 602         | 6000:5           | C100           | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 2.203                                               | 1                                      | 0.6    |



Products are manufactured in a plant whose quality management system has been certified to be in compliance with ISO 9001:2015 by NQA



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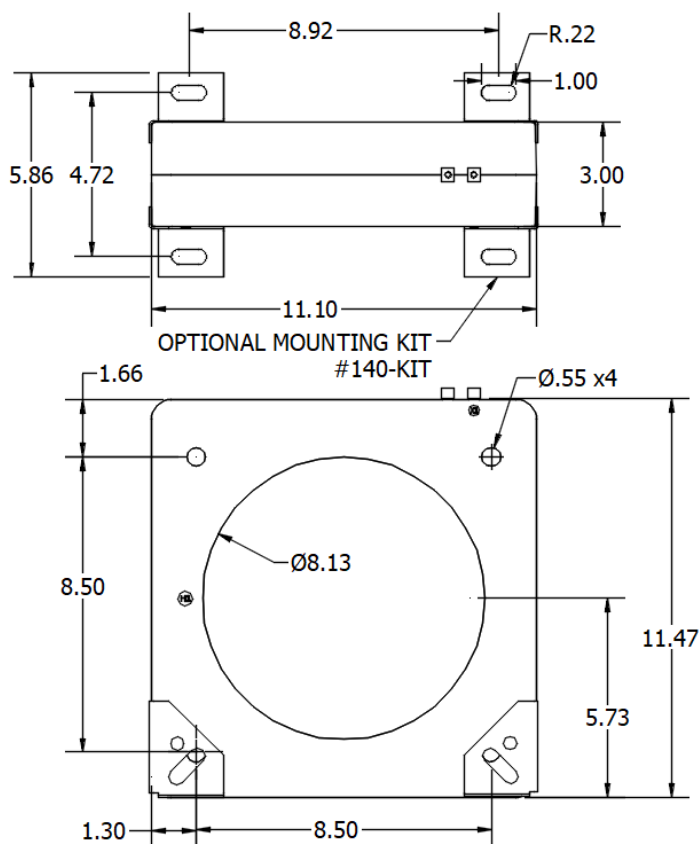


## Current Transformer

**Model 140**

rev 011218

**Model 140**



**EXCITATION CURVE**

