

# Model 3P670

## Current Transformer Window Diameter 3.88"

### Application

3 phase relay, metering and motor overload protection.

### Frequency

50-400 Hz.

### Insulation Level

600 Volts, 10 kV BIL full wave.

Terminals are brass studs No. 8-32 with one flatwasher and regular nut.

Flexible leads UL 1015, 105 °C, CSA approved, No. 16 AWG , 24" long are available.

Approximate weight 8 lbs.



### Data Table: Model 3P670

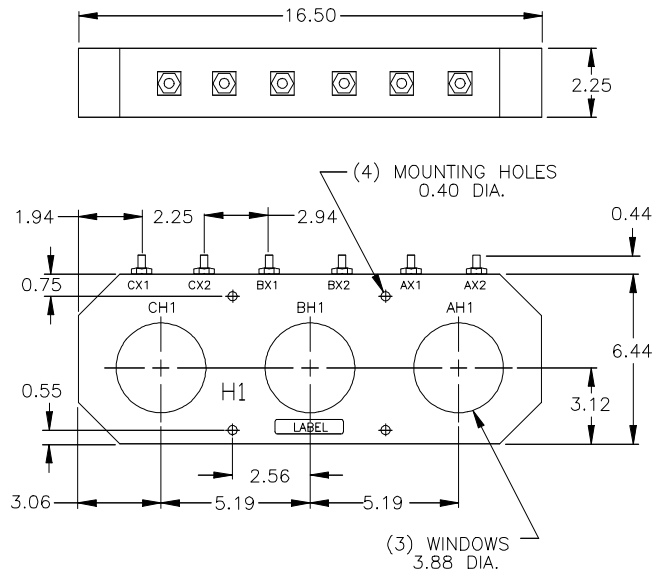
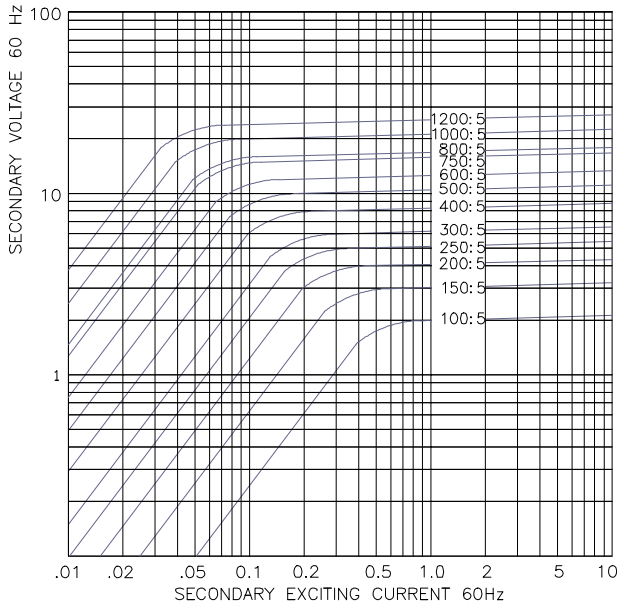
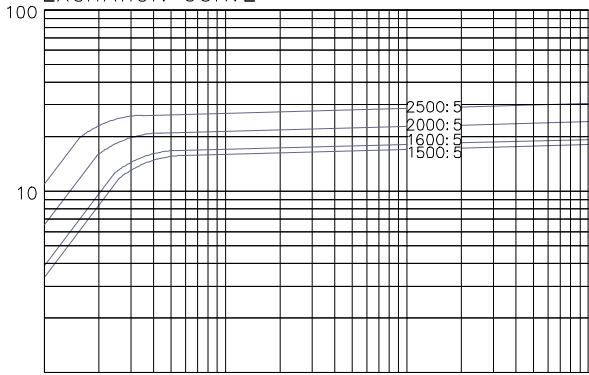
| Catalog Number | Current Ratio | ANSI Metering Class at 60 Hz |      |      |      |      | Secondary Winding Resistance (Ω @ 75°C) |
|----------------|---------------|------------------------------|------|------|------|------|---|
|                |               | BO.1                         | BO.2 | BO.5 | BO.9 | B1.8 |   |
| 3P670-101      | 100:5         | 4.8                          | —    | —    | —    | —    | 0.020                                   |
| 3P670-151      | 150:5         | 1.2                          | 2.4  | —    | —    | —    | 0.030                                   |
| 3P670-201      | 200:5         | 1.2                          | 1.2  | —    | —    | —    | 0.040                                   |
| 3P670-251      | 250:5 *       | 0.6                          | 1.2  | 2.4  | —    | —    | 0.050                                   |
| 3P670-301      | 300:5 *       | 0.6                          | 0.6  | 1.2  | 4.8  | —    | 0.061                                   |
| 3P670-401      | 400:5 *       | 0.6                          | 0.6  | 1.2  | 2.4  | —    | 0.081                                   |
| 3P670-501      | 500:5 *       | 0.3                          | 0.3  | 0.6  | 1.2  | 2.4  | 0.101                                   |
| 3P670-601      | 600:5 *       | 0.3                          | 0.3  | 0.6  | 1.2  | 2.4  | 0.121                                   |
| 3P670-751      | 750:5 *       | 0.3                          | 0.3  | 0.6  | 1.2  | 2.4  | 0.151                                   |
| 3P670-801      | 800:5 *       | 0.3                          | 0.3  | 0.3  | 0.6  | 0.6  | 0.174                                   |
| 3P670-102      | 1000:5 *      | 0.3                          | 0.3  | 0.3  | 0.6  | 0.6  | 0.202                                   |
| 3P670-122      | 1200:5 *      | 0.3                          | 0.3  | 0.3  | 0.3  | 0.6  | 0.242                                   |
| 3P670-152      | 1500:5 *      | 0.3                          | 0.3  | 0.3  | 0.6  | 0.6  | 0.211                                   |
| 3P670-162      | 1600:5 *      | 0.3                          | 0.3  | 0.3  | 0.6  | 0.6  | 0.225                                   |
| 3P670-202      | 2000:5 *      | 0.3                          | 0.3  | 0.3  | 0.3  | 0.6  | 0.281                                   |
| 3P670-252      | 2500:5 *      | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.352                                   |

Approved for revenue metering by Industry Canada No. AE-0636(\*)



# Model 3P670

EXCITATION CURVE



## GEGridSolutions.com

Grid-AIS-L4-ITL\_Model\_3P670-1202-2017\_05-EN. © Copyright 2017. General Electric Company and Instrument Transformers LLC reserve the right to change specifications of described products at any time without notice and without obligation to notify any person of such changes.

### Worldwide Contact Center

Web: [www.GEGridSolutions.com/contact](http://www.GEGridSolutions.com/contact)

Phone: +44 (0) 1785 250 070

USA and Canada: +1 (0) 800 547 8629

Europe, Middle East and Africa: +34 (0) 94 485 88 00

