

# GE

## Energy Connections

# Model 582

**Current Transformer**  
**Window Size 3.25" x 2.00"**

### 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.

Cast resin construction.

Approximate weight 4 lbs.



REGULATORY AGENCY APPROVALS

 E93779  LR89403

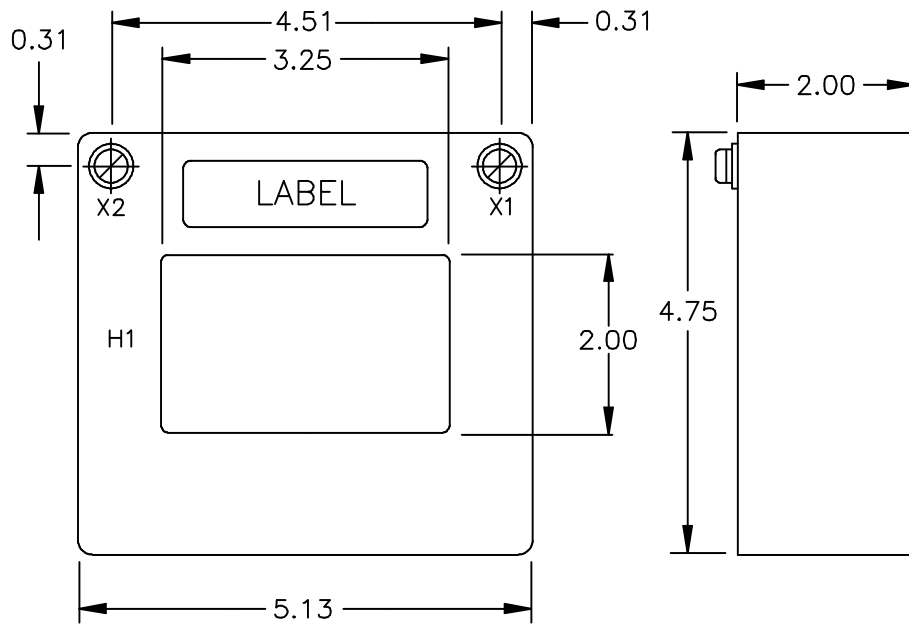
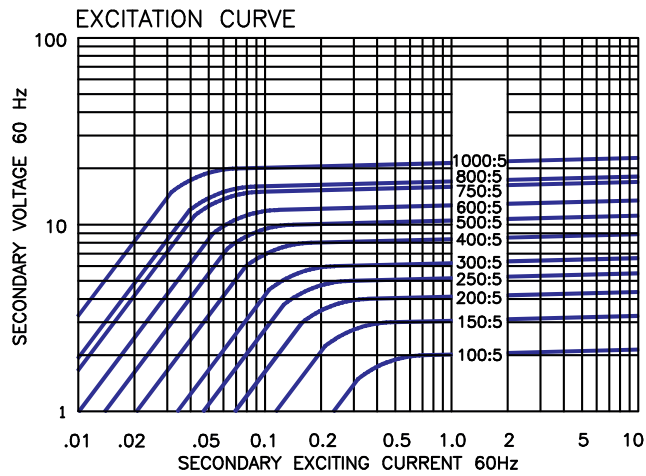
Manufactured to meet the requirements of ANSI/IEEE C57.13.  
 Classified by U.L. in accordance with IEC 44-1

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Catalog Number	Current Ratio	ANSI Metering Class at 60 Hz					Secondary Winding Resistance ( $\Omega$ @ 75 °C)
		BO.1	BO.2	BO.5	BO.9	B1.8	
582-101	100:5	4.8	4.8	—	—	—	0.020
582-151	150:5	2.4	4.8	—	—	—	0.029
582-201	200:5	1.2	2.4	—	—	—	0.039
582-251	250:5	1.2	1.2	2.4	—	—	0.049
582-301	300:5	0.6	1.2	2.4	—	—	0.059
582-401	400:5	0.6	0.6	1.2	—	—	0.078
582-501	500:5	0.3	0.6	1.2	1.2	—	0.098
582-601	600:5	0.3	0.3	0.6	1.2	—	0.117
582-751	750:5	0.3	0.3	0.6	0.6	—	0.147
582-801	800:5	0.3	0.3	0.6	0.6	—	0.157
582-102	1,000:5	0.3	0.3	0.3	0.6	0.6	0.246



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