

Model 583

Current Transformer
Window Size 0.59" x 3.12"

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 3 lbs.



REGULATORY AGENCY APPROVALS



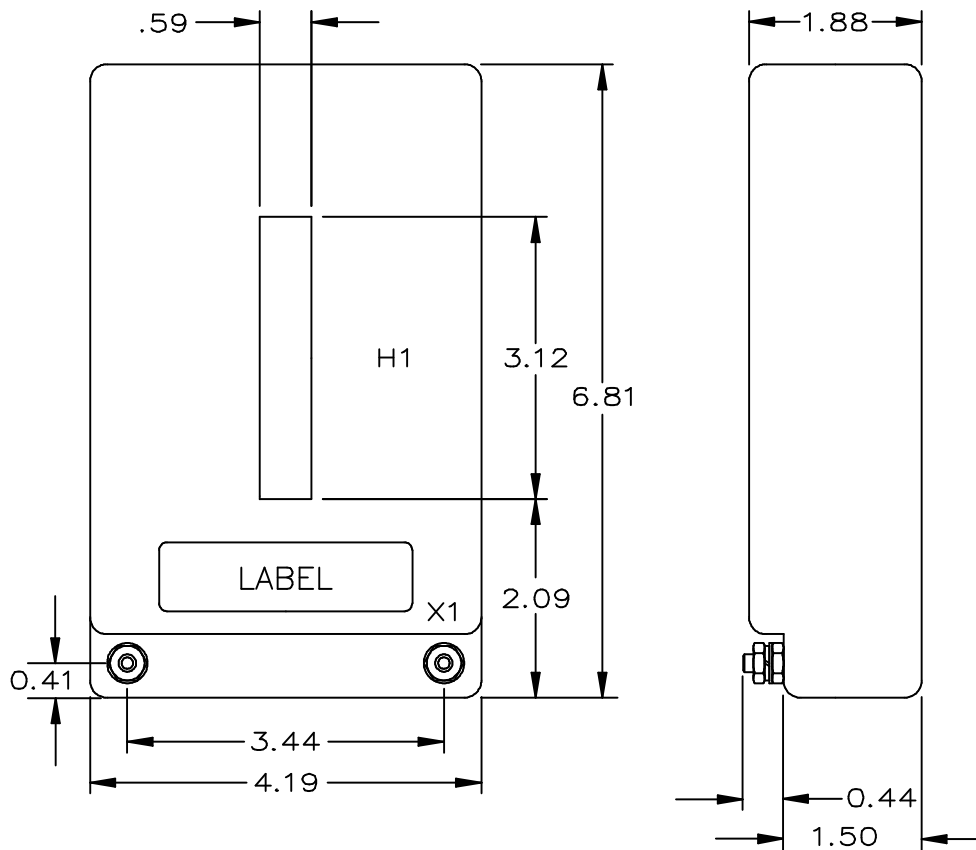
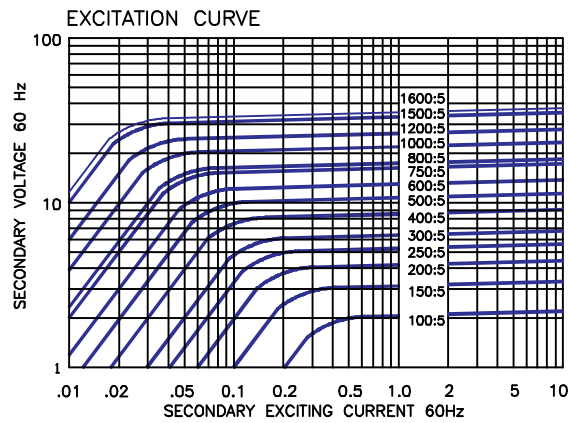
Manufactured to meet the requirements of ANSI/IEEE C57.13.
Classified by U.L. in accordance with IEC 44-1

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Catalog Number	Current Ratio	ANSI Metering Class at 60 Hz					Secondary Winding Resistance (Ω @ 75 °C)
		B0.1	B0.2	B0.5	B0.9	B1.8	
583-101	100:5	4.8	4.8	—	—	—	0.019
583-151	150:5	2.4	2.4	—	—	—	0.028
583-201	200:5	1.2	2.4	2.4	—	—	0.038
583-251	250:5	0.6	1.2	2.4	—	—	0.047
583-301	300:5	0.6	1.2	1.2	—	—	0.056
583-401	400:5	0.3	0.6	1.2	1.2	—	0.075
583-501	500:5	0.3	0.3	0.6	1.2	—	0.094
583-601	600:5	0.3	0.3	0.6	0.6	—	0.113
583-751	750:5	0.3	0.3	0.6	0.6	—	0.113
583-801	800:5	0.3	0.3	0.6	0.6	0.6	0.150
583-102	1,000:5	0.3	0.3	0.3	0.3	0.6	0.188
583-122	1,200:5	0.3	0.3	0.3	0.3	0.3	0.226
583-152	1,500:5	0.3	0.3	0.3	0.3	0.3	0.282
583-162	1,600:5	0.3	0.3	0.3	0.3	0.3	0.301



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