

GE

Energy Connections

Model 510

Current Transformer
Window Size 2.63" x 8.25"

Application

Relaying and metering.

Frequency

50-400 Hz.

Insulation Level

600 Volts, 10 kV BIL full wave.

Continuous Thermal Rating Factor

50:5-3,000:5 1.33 at 30 °C. amb.,
 1.0 at 55 °C. amb.
 3,200:5 1.25 at 30 °C. amb.
 4,000:5 1.0 at 30 °C. amb.
 5,000:5 0.8 at 30 °C. amb.

Terminals are brass screws No. 10-32 with one flatwasher and lockwasher.

Cast resin construction.

Approximate weight 22 lbs.



REGULATORY AGENCY APPROVALS

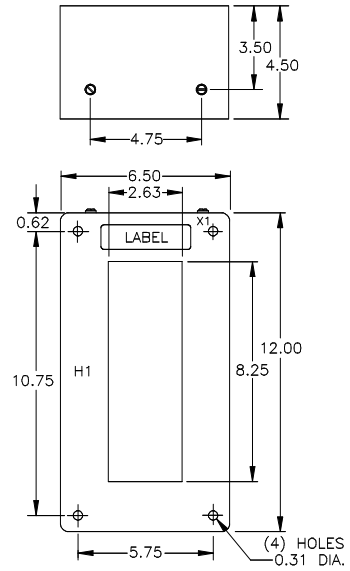
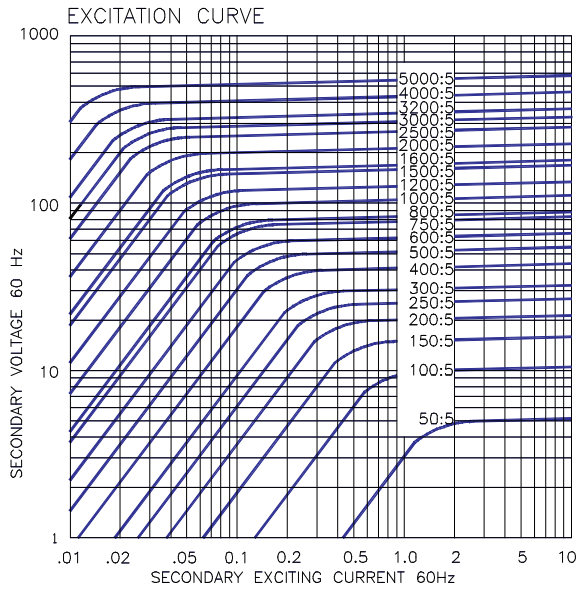
 Manufactured to meet the requirements of ANSI/IEEE C57.13.
 Classified by U.L. in accordance with IEC 44-1

Model 510

Catalog Number	Current Ratio	Relay Class	ANSI Metering Class at 60 Hz					Secondary Winding Resistance (Ω @ 75 °C)
			B0.1	B0.2	B0.5	B0.9	B1.8	
510-500	50:5	—	4.8	—	—	—	—	0.014
510-101	100:5	—	1.2	2.4	4.8	—	—	0.036
510-151	150:5	C10	1.2	1.2	2.4	4.8	—	0.051
510-201	200:5	C10	0.6	0.6	1.2	2.4	4.8	0.077
510-251	250:5	C20	0.6	0.6	1.2	2.4	4.8	0.096
510-301	300:5	C20	0.6	0.6	0.6	1.2	2.4	0.115
510-401	400:5	C20	0.3	0.3	0.6	1.2	1.2	0.166
510-501	500:5	C20	0.3	0.3	0.6	0.6	1.2	0.214
510-601	600:5	C20	0.3	0.3	0.3	0.6	1.2	0.257
510-751	750:5	C50	0.3	0.3	0.3	0.6	0.6	0.362
510-801	800:5	C50	0.3	0.3	0.3	0.6	0.6	0.386
510-102	1,000:5	C50	0.3	0.3	0.3	0.6	0.6	0.386
510-122	1,200:5	C50	0.3	0.3	0.3	0.3	0.6	0.482
510-152	1,500:5	C50	0.3	0.3	0.3	0.3	0.3	0.723
510-162	1,600:5	C100	0.3	0.3	0.3	0.3	0.3	0.771
510-202	2,000:5	C100	0.3	0.3	0.3	0.3	0.3	0.964
510-252	2,500:5	C200	0.3	0.3	0.3	0.3	0.3	1.256
510-302	3,000:5	C200	0.3	0.3	0.3	0.3	0.3	1.200
510-322	3,200:5	C200	0.3	0.3	0.3	0.3	0.3	1.607
510-402	4,000:5	C200	0.3	0.3	0.3	0.3	0.3	1.928
510-502	5,000:5	C200	0.3	0.3	0.3	0.3	0.3	2.410



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