

GE

Energy Connections

Model 309

Current Transformer Window Diameter 5.75"

Application

Relaying and metering.

Frequency

50-400 Hz.

Insulation Level

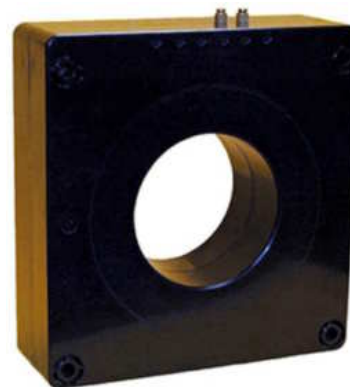
600 Volt, 10 kV BIL full wave.

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

Order mounting bracket kit 0221B01525 separately.

Multi-ratios available on request.

Approximate weight 62 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

Model 309

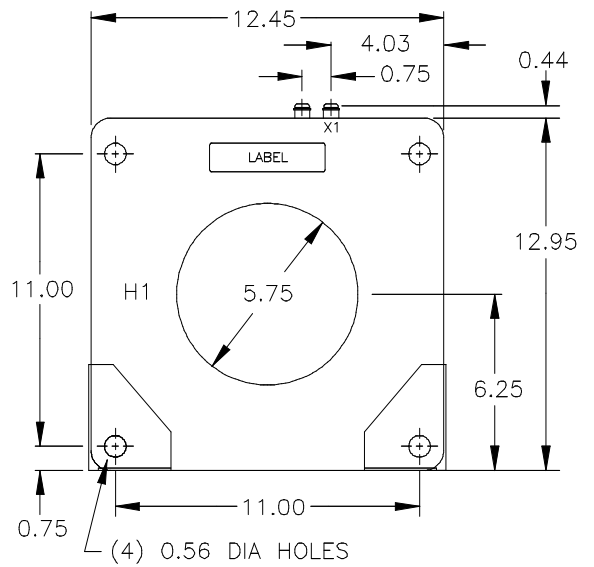
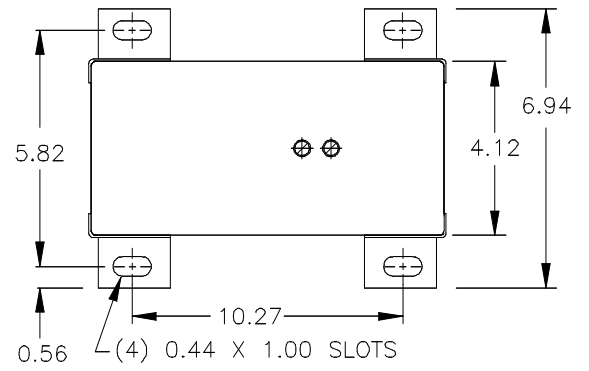
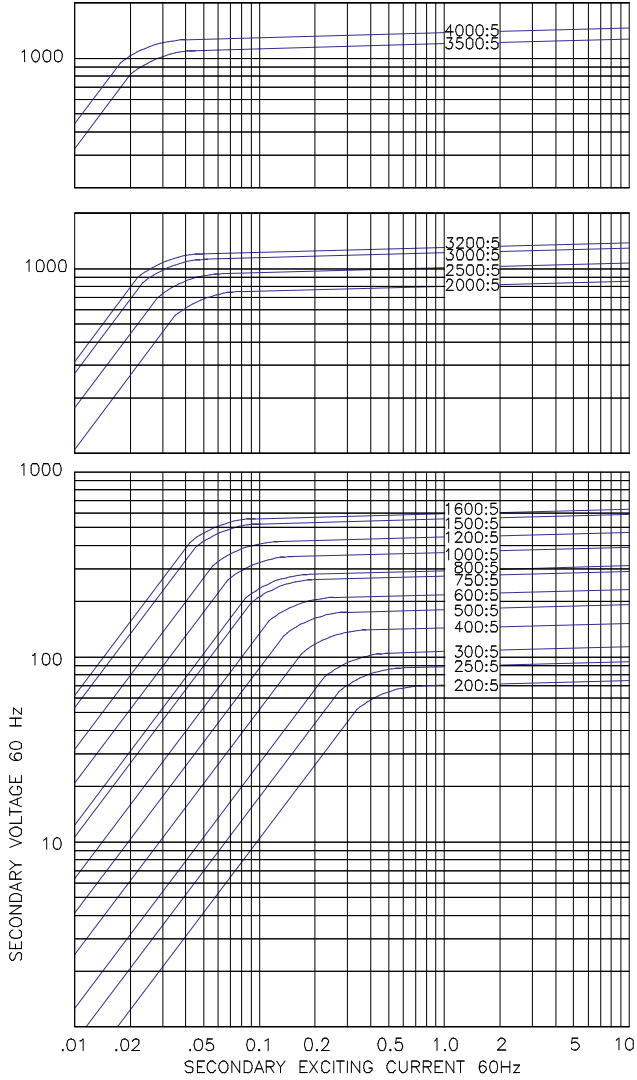
Catalog Number	Current Ratio	Relay Class	ANSI Metering Class at 60 Hz					Secondary Winding Resistance (Ω@ 75 °C)	Continuous Thermal Rating Factor	
			B0.1	B0.2	B0.5	B0.9	B1.8		@ 30 °C	@ 55 °C
309-201	200:5	C50	0.3	0.6	1.2	1.2	2.4	0.141	2.0	2.0
309-251	250:5	C50	0.3	0.3	0.6	1.2	1.2	0.177	2.0	2.0
309-301	300:5	C100	0.3	0.3	0.6	0.6	1.2	0.212	2.0	2.0
309-401	400:5	C100	0.3	0.3	0.3	0.3	0.6	0.283	2.0	2.0
309-501	500:5	C100	0.3	0.3	0.3	0.3	0.6	0.354	2.0	2.0
309-601	600:5	C200	0.3	0.3	0.3	0.3	0.3	0.424	2.0	2.0
309-751	750:5	C200	0.3	0.3	0.3	0.3	0.3	0.530	2.0	1.5
309-801	800:5	C200	0.3	0.3	0.3	0.3	0.3	0.566	2.0	1.5
309-102	1,000:5	C200	0.3	0.3	0.3	0.3	0.3	0.707	2.0	1.5
309-122	1,200:5	C400	0.3	0.3	0.3	0.3	0.3	0.849	2.0	1.5
309-152	1,500:5	C400	0.3	0.3	0.3	0.3	0.3	1.061	1.5	1.33
309-162	1,600:5	C400	0.3	0.3	0.3	0.3	0.3	1.132	1.5	1.0
309-202	2,000:5	C800	0.3	0.3	0.3	0.3	0.3	1.464	1.5	1.0
309-252	2,500:5	C800	0.3	0.3	0.3	0.3	0.3	1.830	1.33	1.0
309-302	3,000:5	C800	0.3	0.3	0.3	0.3	0.3	2.196	1.0	0.8
309-322	3,200:5	C800	0.3	0.3	0.3	0.3	0.3	2.342	1.0	0.8
309-352	3,500:5	C800	0.3	0.3	0.3	0.3	0.3	2.421	1.0	0.8
309-402	4,000:5	C800	0.3	0.3	0.3	0.3	0.3	2.766	1.0	0.8

Approved for revenue metering by Industry Canada No. AE-0661



Model 309

EXCITATION CURVE



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