

CURRENT TRANSFORMER

Model 623

Window Diameter 6.50"

APPLICATION:
Relaying and metering.

FREQUENCY:
50-400 Hz.

INSULATION LEVEL:
0.6 kV, BIL 10 kV full wave.

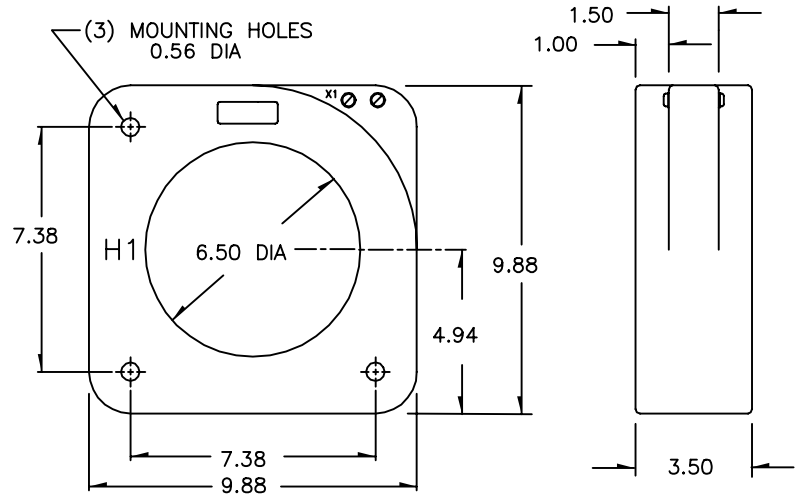
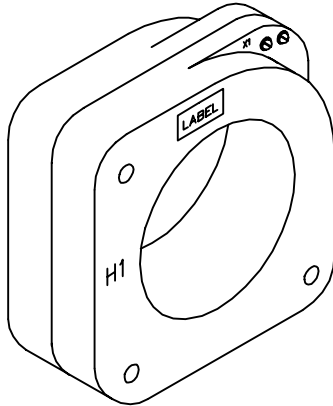
REGULATORY AGENCY APPROVALS



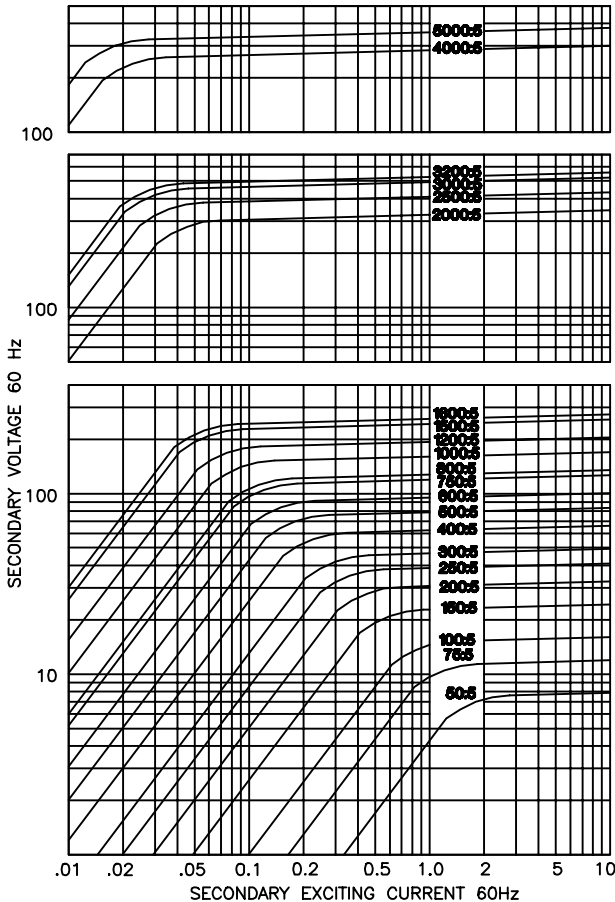
Manufactured to meet the requirements of ANSI/IEEE C57.13.
Classified by U.L. in accordance with IEC 44-1.

CONTINUOUS THERMAL CURRENT RATING FACTOR:
1.33 at 30°C. amb., 1.0 at 55°C. amb.

- Secondary terminals are brass screws No. 10-32 with one flatwasher and lockwasher, accessible from either side.
- Multi-ratios available on request.
- Approximate weight 24 lbs.



EXCITATION CURVE



CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz					SECONDARY WINDING RESISTANCE (OHMS @ 75 °C)
			B0.1	B0.2	B0.5	B0.9	B1.8	
623-500	50:5	-	4.8	-	-	-	-	0.015
623-750	75:5	C 10	4.8	4.8	-	-	-	0.023
623-101	100:5	C 10	2.4	2.4	4.8	-	-	0.030
623-151	150:5	C 20	1.2	1.2	2.4	4.8	4.8	0.048
623-201	200:5	C 20	0.6	1.2	2.4	2.4	4.8	0.063
623-251	250:5	C 20	0.6	0.6	1.2	2.4	2.4	0.079
623-301	300:5	C 20	0.3	0.3	0.6	1.2	1.2	0.095
623-401	400:5	C 50	0.3	0.3	0.6	0.6	1.2	0.127
623-501	500:5	C 50	0.3	0.3	0.3	0.6	0.6	0.159
623-601	600:5	C 50	0.3	0.3	0.3	0.3	0.6	0.190
623-751	750:5	C100	0.3	0.3	0.3	0.3	0.3	0.238
623-801	800:5	C100	0.3	0.3	0.3	0.3	0.3	0.254
623-102	1000:5	C100	0.3	0.3	0.3	0.3	0.3	0.317
623-122	1200:5	C100	0.3	0.3	0.3	0.3	0.3	0.381
623-152	1500:5	C200	0.3	0.3	0.3	0.3	0.3	0.598
623-162	1600:5	C200	0.3	0.3	0.3	0.3	0.3	0.638
623-202	2000:5	C200	0.3	0.3	0.3	0.3	0.3	0.583
623-252	2500:5	C200	0.3	0.3	0.3	0.3	0.3	0.729
623-302	3000:5	C200	0.3	0.3	0.3	0.3	0.3	1.096
623-322	3200:5	C200	0.3	0.3	0.3	0.3	0.3	1.169
623-402	4000:5	C200	0.3	0.3	0.3	0.3	0.3	1.065
623-502	5000:5	C200	0.3	0.3	0.3	0.3	0.3	2.071