

# CURRENT TRANSFORMER

Model 170

Window Diameter 4.25"

APPLICATION:  
Metering.

FREQUENCY:  
50-400 Hz.

INSULATION LEVEL:  
600 Volts, 10 kV BIL full wave.

REGULATORY AGENCY APPROVALS



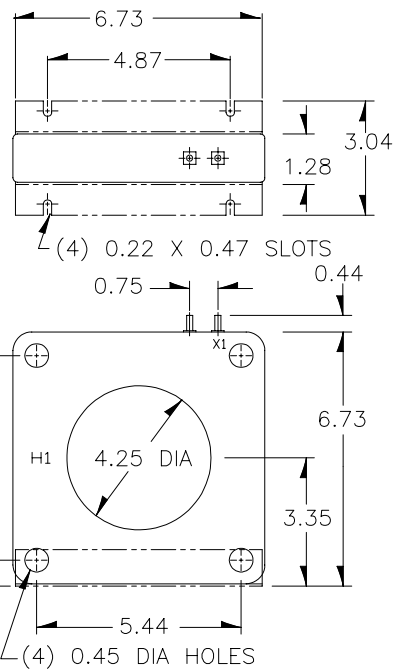
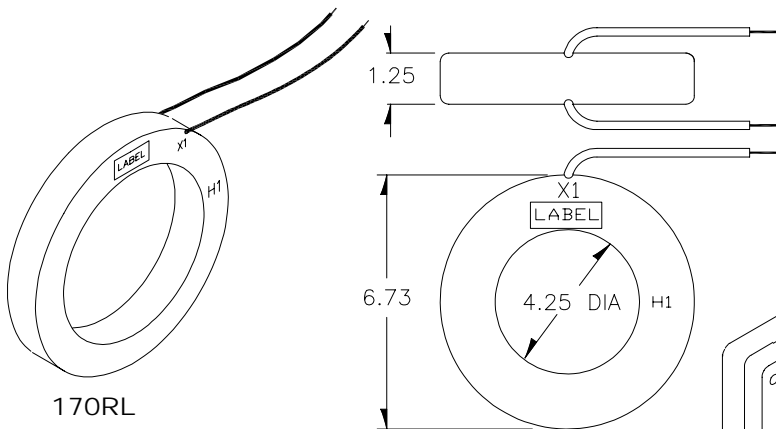
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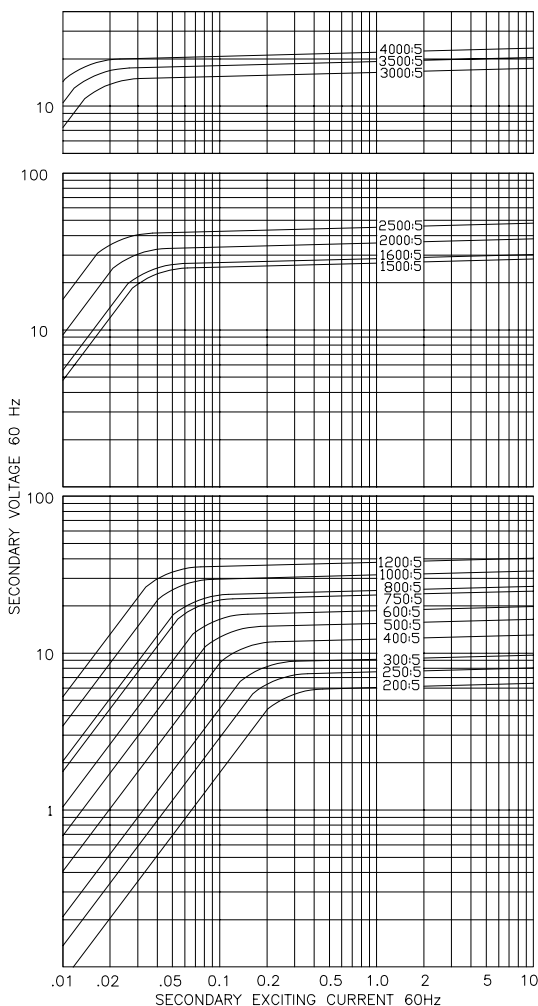
LR89403

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

- Terminals are brass studs No. 8-32 UNC with one flatwasher, lockwasher and regular nut.
- Flexible leads are UL 1015 105 °C CSA approved, #16 AWG, 24" long.
- Non-standard lead length can be specified.
- Order mounting bracket kit 0221B00187 separately.
- Model 170SHT also available as 170SHL with leads.
- Approximate weight 3 lbs.



EXCITATION CURVE



CATALOG NUMBER	CURRENT RATIO	V.A. FOR ± 1% CLASS	ANSI METERING CLASS AT 60 Hz					SECONDARY WINDING RESISTANCE (OHMS @ 75 °C)	CONTINUOUS THERMAL RATING FACTOR	
			B0.1	B0.2	B0.5	B0.9	B1.8		@30°C	@55°C
170 **- 201	200:5	5.0	0.6	1.2	2.4	-	-	0.040	2.0	2.0
170 **- 251	250:5	5.0	0.6	0.6	1.2	2.4	-	0.047	2.0	2.0
170 **- 301	300:5	12.5	0.6	0.6	1.2	2.4	-	0.053	2.0	2.0
170 **- 401	400:5	25.0	0.3	0.3	0.6	1.2	2.4	0.080	2.0	2.0
170 **- 501	500:5	25.0	0.3	0.3	0.6	1.2	1.2	0.110	2.0	1.5
170 **- 601	600:5	25.0	0.3	0.3	0.6	0.6	1.2	0.121	2.0	1.5
170 **- 751	750:5	40.0	0.3	0.3	0.3	0.6	0.6	0.151	2.0	1.5
170 **- 801	800:5	50.0	0.3	0.3	0.3	0.6	0.6	0.162	2.0	1.5
170 **- 102	1000:5	75.0	0.3	0.3	0.3	0.6	0.6	0.265	1.33	1.0
170 **- 122	1200:5	100.0	0.3	0.3	0.3	0.3	0.6	0.318	1.33	1.0
170 **- 152	1500:5	80.0	0.3	0.3	0.3	0.3	0.6	0.344	1.33	1.0
170 **- 162	1600:5	90.0	0.3	0.3	0.3	0.3	0.6	0.367	1.33	1.0
170 **- 202	2000:5	100.0	0.3	0.3	0.3	0.3	0.3	0.459	1.0	0.8
170 **- 252	2500:5	130.0	0.3	0.3	0.3	0.3	0.3	0.573	1.0	0.8
170 **- 302	3000:5	160.0	0.3	0.3	0.3	0.3	0.6	0.424	1.0	1.0
170 **- 352	3500:5	190.0	0.3	0.3	0.3	0.3	0.6	0.495	1.0	0.8
170 **- 402	4000:5	200.0	0.3	0.3	0.3	0.3	0.6	0.646	1.0	0.8

\*\*NOTE: When ordering, prefix catalog number with model designation required, i.e. 170SHT-201, or 170RL-301.