

Product Details and Certifications

 RA Part Number: **25645-012-05**

Description: Current Transformer Model 170RL, Ratio 1600:5, $\pm 1\%$
Accuracy, 90 VA Burden at 60 Hz



Representative Photo Only (actual product may vary based on configuration selections)

CURRENT TRANSFORMER DATA

Current Ratio	1600:5 A
Accuracy at 60 Hz (%)	$\pm 1\%$
Burden at 60 Hz (VA)	90 VA
Frequency	50-400 Hz
Insulation Level	600 Volts

CERTIFICATIONS AND APPROVALS

UL	1015
CSA	LR89403
CURUS	E93779

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



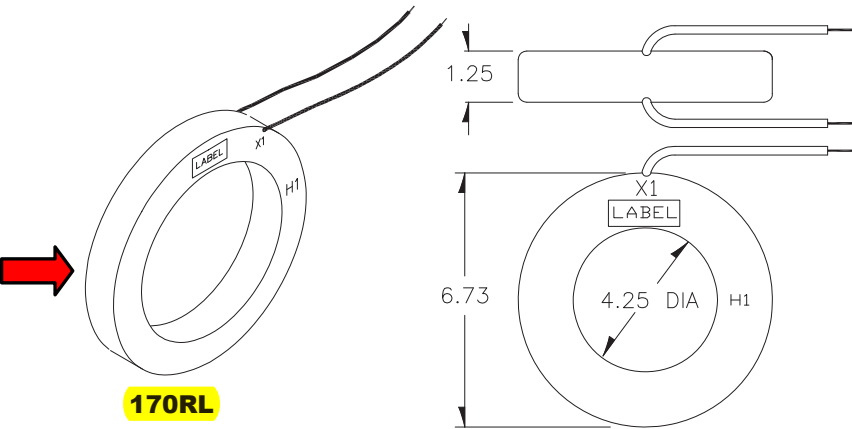
E93779



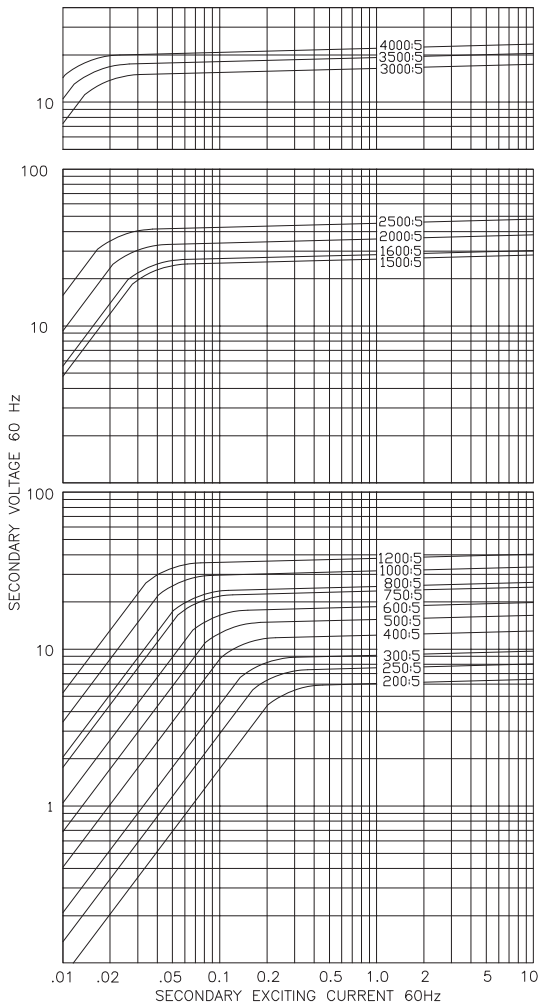
LR89403

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.