



# Current Transformer Model 170

Window Diameter 4.25"

REGULATORY AGENCY APPROVALS



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



**APPLICATION:**  
Metering.

**FREQUENCY:**  
50-400 Hz.

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

Terminals are brass studs No. 8-32 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.

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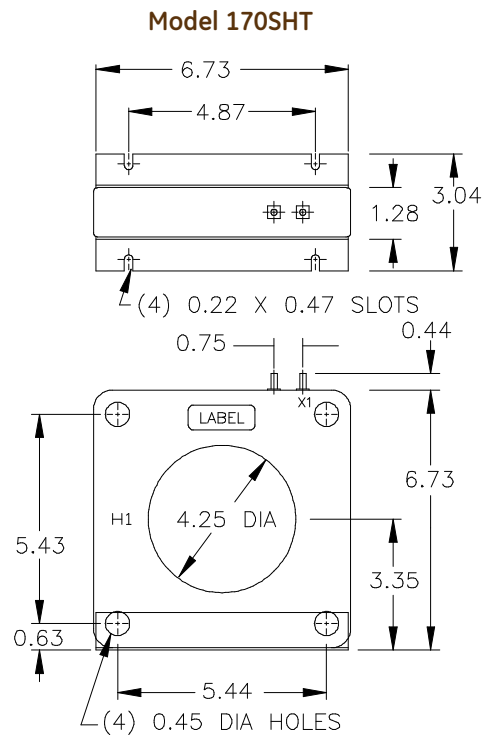
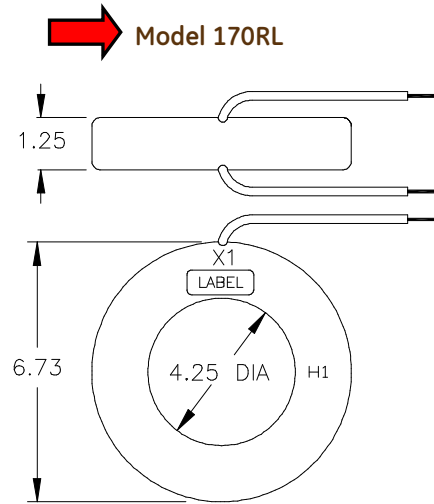
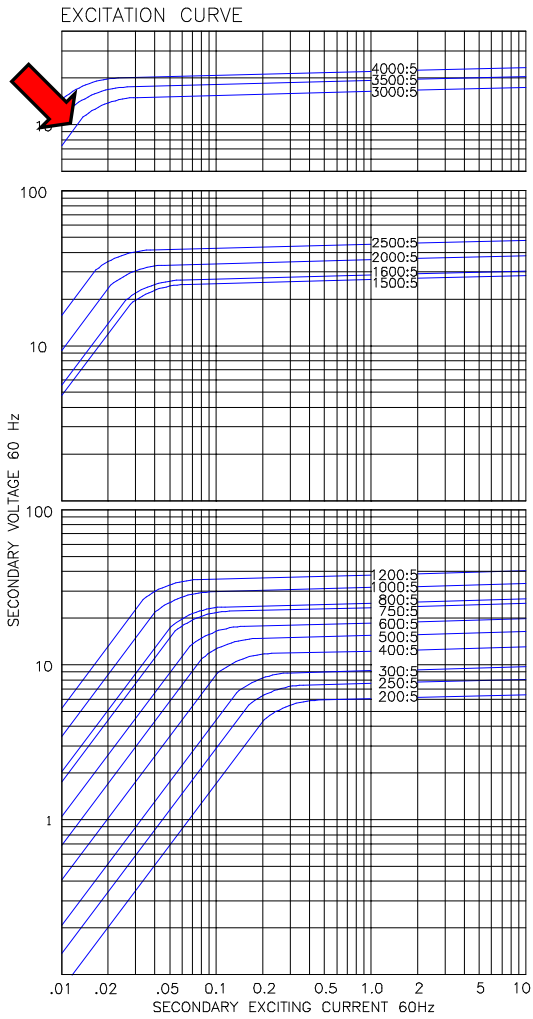
CATALOG NUMBER	CURRENT RATIO	V.A. ± 1% CLASS	ANSI METERING CLASS AT 60HZ					SECONDARY WINDING RESISTANCE (OHMS @ 75°C)	CONTINUOUS THERMAL RATING FACTOR	
			BO.1	BO.2	BO.5	BO.9	B1.8		@ 30°C	@ 55°C
170**-201	200:5	5.0	0.6	1.2	2.4	—	—	0.040	2.0	2.0
170**-251	250:5	5.0	0.6	0.6	1.2	2.4	—	0.047	2.0	2.0
170**-301	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	0.3	0.424	1.0	1.0
170**-352	3500:5	190.0	0.3	0.3	0.3	0.3	0.3	0.495	1.0	0.8
170**-402	4000:5	200.0	0.3	0.3	0.3	0.3	0.3	0.646	1.0	0.8

\*\*Note: When order, prefix Cat No. with model designation required i.e. 170SHT-201, 170RL-301, etc.



# Model 170

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USA, Canada, Asia, Latin America

Tel: +1-800-547-8629

Fax: +1-905-201-2455

e-mail: [sales.multilin@ge.com](mailto:sales.multilin@ge.com)

Europe, Middle East, Africa

Tel: +34-94-485-88-00

Fax: +34-94-485-88-45

e-mail: [gmultilin.euro@ge.com](mailto:gmultilin.euro@ge.com)