

# CURRENT TRANSFORMER

## Model 700

Window Diameter 4.50"

**APPLICATION:**  
Relaying and metering.

**FREQUENCY:**  
50–400 Hz.

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

REGULATORY AGENCY APPROVALS

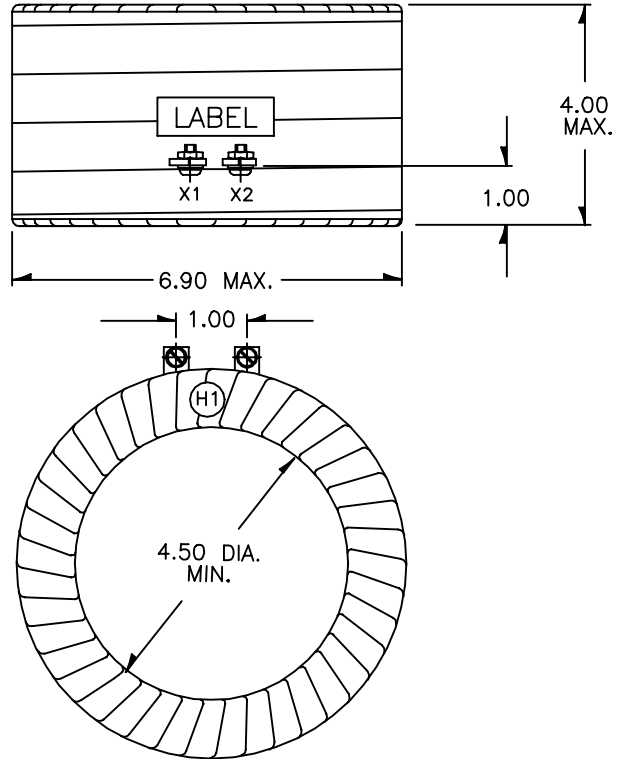
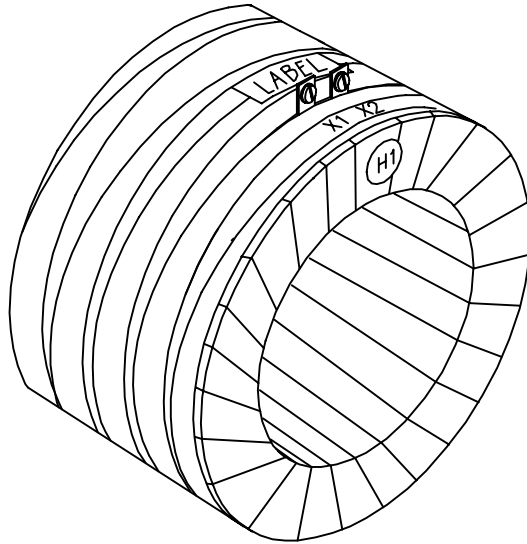


Manufactured to meet the requirements of ANSI/IEEE C57.13.  
Classified by U.L. in accordance with IEC 44-1.

Approved for revenue metering by Industry Canada. T-207(\*)

**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 flat-washer, lockwasher and regular nut.
- Approximate weight 12 lbs.



CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz				
			B0.1	B0.2	B0.5	B0.9	B1.8
700-101	100:5	C 10	2.4	2.4	4.8	—	—
700-151	150:5	C 15	1.2	1.2	2.4	4.8	—
700-201	200:5	C 20	0.6	1.2	2.4	4.8	—
700-251	250:5 *	C 30	0.3	0.6	1.2	2.4	4.8
700-301	300:5 *	C 30	0.3	0.6	0.6	2.4	4.8
700-401	400:5 *	C 50	0.3	0.3	0.6	1.2	2.4
700-501	500:5 *	C 60	0.3	0.3	0.3	0.6	1.2
700-601	600:5 *	C 70	0.3	0.3	0.3	0.6	1.2
700-750	750:5 *	C 90	0.3	0.3	0.3	0.3	0.6
700-801	800:5 *	C100	0.3	0.3	0.3	0.3	0.6
700-102	1000:5 *	C130	0.3	0.3	0.3	0.3	0.3
700-122	1200:5 *	C110	0.3	0.3	0.3	0.3	0.3
700-152	1500:5 *	C140	0.3	0.3	0.3	0.3	0.3
700-162	1600:5 *	C150	0.3	0.3	0.3	0.3	0.3
700-202	2000:5 *	C120	0.3	0.3	0.3	0.3	0.3
700-252	2500:5 *	C100	0.3	0.3	0.3	0.3	0.3
700-302	3000:5 *	C100	0.3	0.3	0.3	0.3	0.3

# TYPICAL EXCITATION CURVE - MODEL 700

