

MODEL 780

Current Transformer

Window Diameter 6.50"



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

Application

Relaying and metering.

Frequency

50-400 Hz

Insulation Level

0.6 kV, BIL 10 kV full wave.

Continuous Thermal Current Rating Factor

50:5-1,200:5 & 2,000:5

2.0 at 30°C. amb., 1.5 at 55°C. amb.

1,500:5-1600:5, 2,500:5-3,500:5

1.5 at 30°C. amb., 1.33 at 55°C. amb.

4,000:5-5,000:5 1.0 at 30°C. amb.,

6,000:5 0.8 30°C. amb.

Secondary terminals are brass screws No.10-32 with one flat washer, lockwasher and regular nut.

Approximate weight 30 lbs. Excitation data available upon request.

Model 780

CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz				
			B0.1	B0.2	B0.5	B0.9	B1.8
780-500	50:5	—	4.8	—	—	—	—
780-750	75:5	C10	4.8	4.8	—	—	—
780-101	100:5 *	C10	1.2	2.4	4.8	—	—
780-151	150:5 *	C20	0.6	1.2	2.4	2.4	4.8
780-201	200:5 *	C20	0.6	0.6	1.2	2.4	4.8
780-251	250:5 *	C20	0.6	0.6	0.6	1.2	2.4
780-301	300:5 *	C20	0.3	0.6	0.6	1.2	2.4
780-401	400:5 *	C50	0.3	0.3	0.6	0.6	1.2
780-501	500:5 *	C50	0.3	0.3	0.3	0.6	0.6
780-601	600:5 *	C100	0.3	0.3	0.3	0.3	0.6
780-801	800:5*	C100	0.3	0.3	0.3	0.3	0.6
780-102	1,000:5*	C100	0.3	0.3	0.3	0.3	0.3



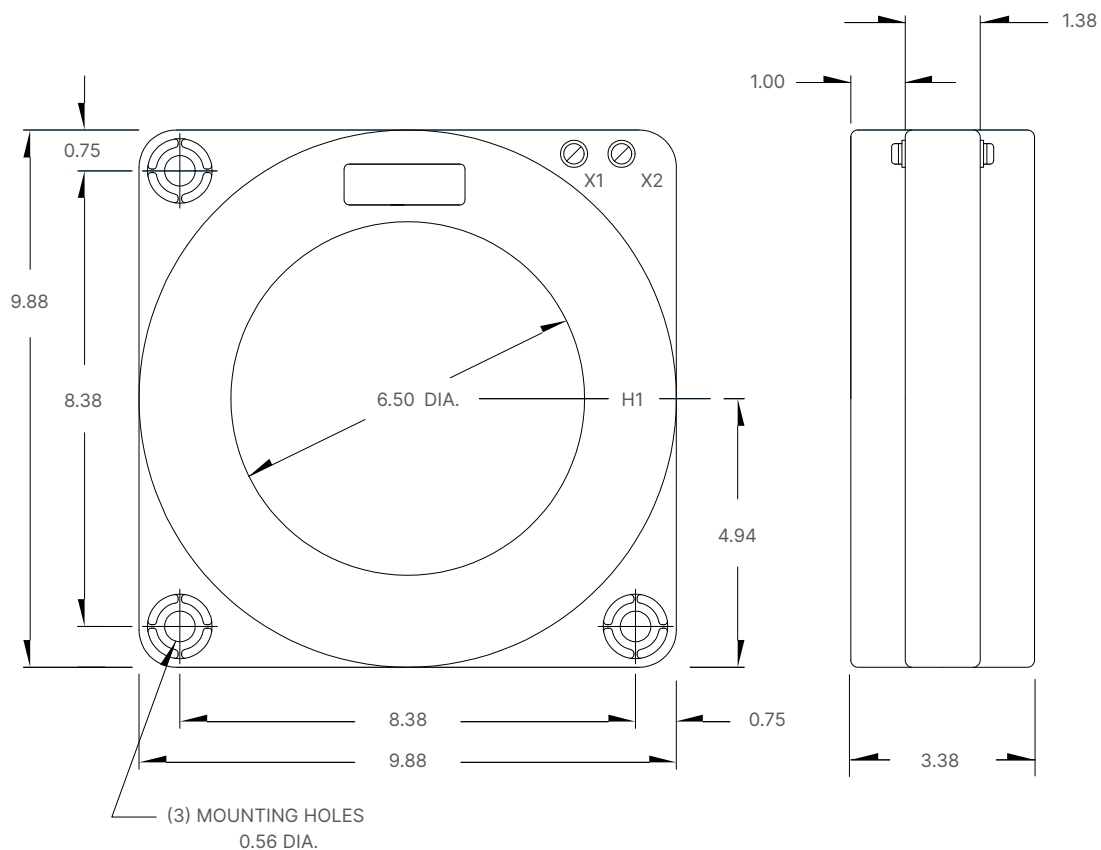
461 Boston Street, Unit E6, Topsfield, MA 01983
Toll Free (800) 644-9773 · Phone (978) 887-2020
meters@spectrumind.com

Model 780 (cont'd)

Catalog Number	Current Ratio	Relay Class	ANSI Metering Class at 60 Hz				
			B0.1	B0.2	B0.5	B0.9	B1.8
780-122	1,200:5*	C200	0.3	0.3	0.3	0.3	0.3
780-152	1,500:5*	C200	0.3	0.3	0.3	0.3	0.3
780-162	1,600:5*	C200	0.3	0.3	0.3	0.3	0.3
780-202	2,000:5*	C200	0.3	0.3	0.3	0.3	0.3
780-252	2,500:5*	C200	0.3	0.3	0.3	0.3	0.3
780-302	3,000:5*	C200	0.3	0.3	0.3	0.3	0.3
780-322	3,200:5*	C200	0.3	0.3	0.3	0.3	0.3
780-352	3,500:5*	C200	0.3	0.3	0.3	0.3	0.3
780-402	4,000:5*	C200	0.3	0.3	0.3	0.3	0.3
780-502	5,000:5	C200	0.3	0.3	0.3	0.3	0.3
780-602	6,000:5*	C200	0.3	0.3	0.3	0.3	0.3

(*) Approved for revenue metering by Industry Canada No. AE-0656

Model 780



461 Boston Street, Unit E6, Topsfield, MA 01983
Toll Free (800) 644-9773 · Phone (978) 887-2020
meters@spectrumind.com