

**Current Transformer  
Model 680**  
*Window Diameter 7.02"*

REGULATORY AGENCY APPROVALS



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:**

50:5-2000:5: 2.0 at 30°C. amb., 1.5 at 55°C. amb.

2500:5-4000:5: 1.33 at 30°C. amb., 1.0 at 55°C. amb.

5000:5: 1.0 at 30°C. amb., 0.8 at 55°C. amb.

Secondary terminals are brass screws No. 10-32 with one flatwasher, lockwasher, accessible from either side.

Approximate weight 34 lbs.

CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60HZ				
			BO.1	BO.2	BO.5	BO.9	B1.8
680-500	50:5	—	4.8	4.8	—	—	—
680-750	75:5	C10	1.2	2.4	—	—	—
680-101	100:5	C10	1.2	1.2	4.8	—	—
680-151	150:5 *	C20	0.6	1.2	2.4	4.8	—
680-201	200:5 *	C20	0.6	1.2	1.2	2.4	4.8
680-251	250:5 *	C20	0.6	0.6	1.2	2.4	2.4
680-301	300:5 *	C20	0.3	0.6	0.6	1.2	2.4
680-401	400:5 *	C50	0.3	0.3	0.6	0.6	1.2
680-501	500:5 *	C50	0.3	0.3	0.3	0.6	0.6
680-601	600:5 *	C100	0.3	0.3	0.3	0.3	0.6
680-751	750:5 *	C100	0.3	0.3	0.3	0.3	0.6
680-801	800:5 *	C100	0.3	0.3	0.3	0.3	0.3
680-102	1000:5 *	C100	0.3	0.3	0.3	0.3	0.3
680-122	1200:5 *	C200	0.3	0.3	0.3	0.3	0.3
680-152	1500:5 *	C200	0.3	0.3	0.3	0.3	0.3
680-202	2000:5 *	C200	0.3	0.3	0.3	0.3	0.3
680-252	2500:5 *	C200	0.3	0.3	0.3	0.3	0.3
680-302	3000:5 *	C200	0.3	0.3	0.3	0.3	0.3
680-402	4000:5 *	C200	0.3	0.3	0.3	0.3	0.3
680-502	5000:5 *	C200	0.3	0.3	0.3	0.3	0.3

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