

MODEL 680

Current Transformer

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

600 Volts, 10 kV BIL full wave.

Continuous Thermal Current Rating Factor

50:5-1200:5 2.0 at 30°C. amb., 1.5 at 55°C amb. and 2000:5

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.

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CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz				
			B0.1	B0.2	B0.5	B0.9	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



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Model 680 (cont'd)

CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz				
			B0.1	B0.2	B0.5	B0.9	B1.8
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

Approved for revenue metering by ndustry Canada No. AE-0644(*)

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