

# Model 181

## Current Transformer Window Diameter 2.50"

### Application

Relaying and metering.

### Frequency

50-400 Hz.

### Insulation Level

600 Volt, 10 kV BIL full wave.

Terminals are brass studs No. 8-32 with one flatwasher, lockwasher, and regular nut.

Order mounting bracket kit 0221B00777 separately.

Approximate weight 3.5 lbs.



#### REGULATORY AGENCY APPROVALS



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

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Catalog Number	Current Ratio	VA for ± 1 % Class	ANSI Metering Class at 60 HZ					Secondary Winding Resistance (Ω@ 75 °C)	Continuous Thermal Rating Factor	
			B0.1	B0.2	B0.5	B0.9	B1.8		@ 30 °C	@ 55 °C
181-101	100:5	2.5	1.2	2.4	4.8	—	—	0.033	2.0	2.0
181-151	150:5	5.0	0.6	0.6	2.4	4.8	4.8	0.050	2.0	2.0
181-201	200:5	12.5	0.3	0.3	1.2	2.4	4.8	0.065	2.0	2.0
181-251	250:5	12.5	0.3	0.3	0.6	1.2	2.4	0.084	2.0	1.5
181-301	300:5	25.0	0.3	0.3	0.6	1.2	2.4	0.101	2.0	1.5
181-401	400:5	50.0	0.3	0.3	0.3	0.6	1.2	0.130	1.5	1.33
181-501	500:5	50.0	0.3	0.3	0.3	0.6	0.6	0.189	1.33	1.0
181-601	600:5	50.0	0.3	0.3	0.3	0.3	0.6	0.228	1.33	1.0
181-751	750:5	50.0	0.3	0.3	0.3	0.3	0.3	0.283	1.0	0.8
181-801	800:5	75.0	0.3	0.3	0.3	0.3	0.3	0.302	1.0	0.8
181-102	1000:5	100.0	0.3	0.3	0.3	0.3	0.3	0.354	1.0	0.8
181-122	1200:5	125.0	0.3	0.3	0.3	0.3	0.3	0.425	1.0	0.8
181-152	1500:5	160.0	0.3	0.3	0.3	0.3	0.3	0.531	1.0	0.8
181-162	1600:5	175.0	0.3	0.3	0.3	0.3	0.3	0.566	1.0	0.8



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