

# CURRENT TRANSFORMERS

Models 181, 182, 183

Window Diameters  
2.50", 1.25", 1.50"

**APPLICATION:**  
Relaying and metering.

**FREQUENCY:**  
50-400 Hz.

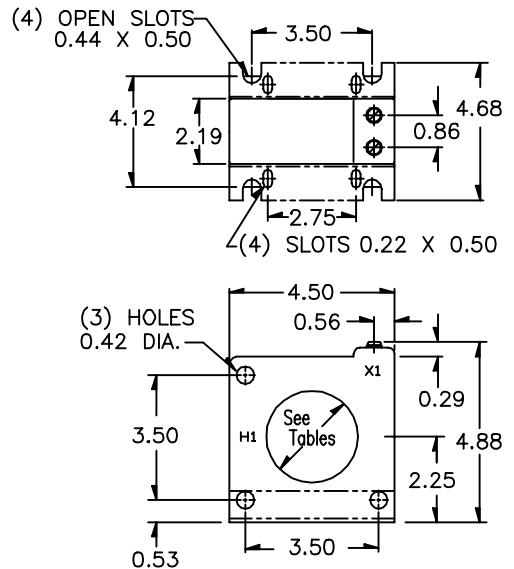
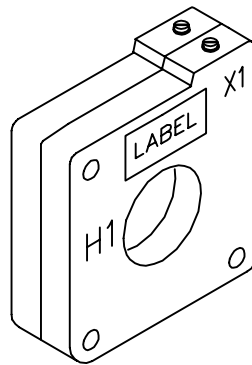
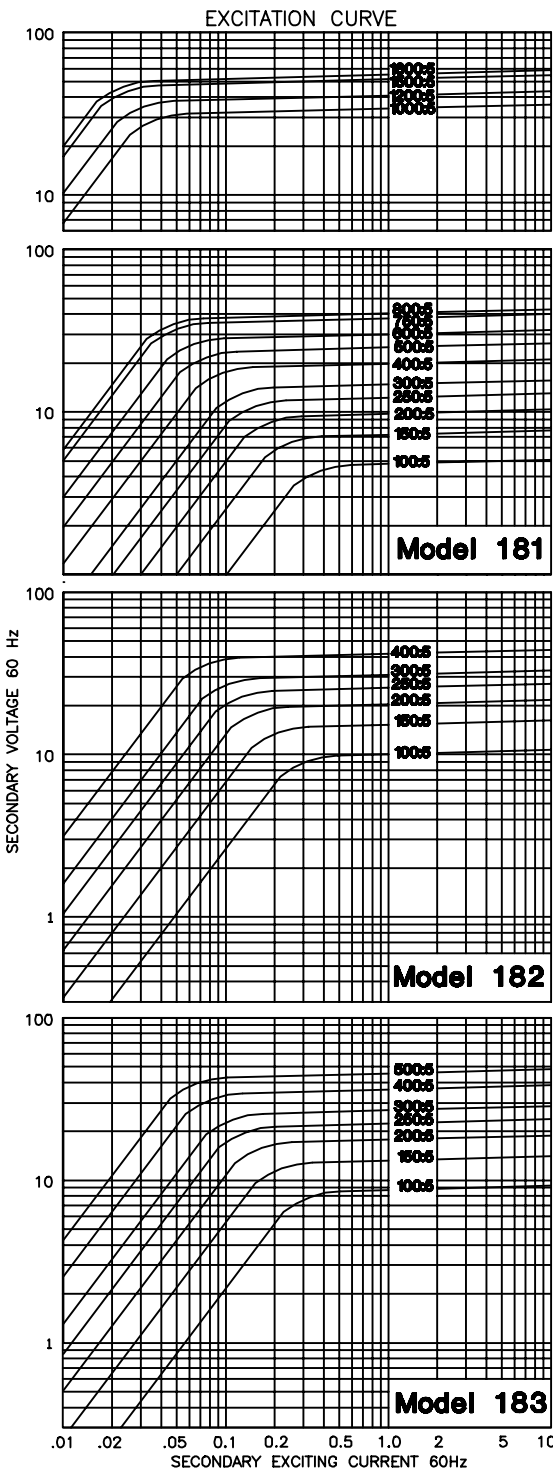
**INSULATION LEVEL:**  
600 Volts, 10 kV BIL full wave.

REGULATORY AGENCY APPROVALS



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

- Terminals are brass screws No. 10-32 slotted head with one flatwasher and lockwasher.
- Order mounting bracket kit 0221B00777 separately.



**Model 181**  
Window Diameter 2.50

Approximate weight 3.5 lbs.

CATALOG NUMBER	CURRENT RATIO	V.A. FOR ±1% CLASS	ANSI METERING CLASS AT 60 Hz					SECONDARY WINDING RESISTANCE (OHMS @ 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	0.226	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	0.6
181 - 162	1600:5	175.0	0.3	0.3	0.3	0.3	0.3	0.566	1.0	0.6

**Model 182**  
Window Diameter 1.25

Approximate weight 5.5 lbs.

CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz					SECONDARY WINDING RESISTANCE (OHMS @ 75°C)	CONTINUOUS THERMAL RATING FACTOR	
			B0.1	B0.2	B0.5	B0.9	B1.8		30°C	55°C
182 - 101	100:5	-	0.6	0.6	2.4	4.8	-	0.034	2.0	2.0
182 - 151	150:5	C10	0.3	0.3	1.2	1.2	2.4	0.051	2.0	2.0
182 - 201	200:5	C10	0.3	0.3	0.6	1.2	2.4	0.068	2.0	2.0
182 - 251	250:5	C20	0.3	0.3	0.3	0.6	1.2	0.085	2.0	1.5
182 - 301	300:5	C20	0.3	0.3	0.3	0.3	0.6	0.102	2.0	1.5
182 - 401	400:5	C20	0.3	0.3	0.3	0.3	0.6	0.189	1.5	1.0

**Model 183**  
Window Diameter 1.50

Approximate weight 4.75 lbs.

CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz					SECONDARY WINDING RESISTANCE (OHMS @ 75°C)	CONTINUOUS THERMAL RATING FACTOR	
			B0.1	B0.2	B0.5	B0.9	B1.8		30°C	55°C
183 - 101	100:5	-	0.6	1.2	2.4	4.8	-	0.032	2.0	2.0
183 - 151	150:5	-	0.3	0.6	1.2	2.4	4.8	0.049	2.0	2.0
183 - 201	200:5	C10	0.3	0.6	0.6	1.2	2.4	0.071	2.0	2.0
183 - 251	250:5	C10	0.3	0.3	0.6	1.2	1.2	0.089	2.0	1.5
183 - 301	300:5	C20	0.3	0.3	0.3	0.6	1.2	0.107	2.0	1.5
183 - 401	400:5	C20	0.3	0.3	0.3	0.3	0.6	0.143	1.5	1.33
183 - 501	500:5	C20	0.3	0.3	0.3	0.3	0.6	0.179	1.5	1.0