

# CURRENT TRANSFORMERS

Models  
112, 113, 114, 115, 117

Window Diameters  
2.25", 2.75", 3.25",  
4.00", 4.62"

**APPLICATION:**  
Relaying and metering.

**FREQUENCY:**  
50-400 Hz.

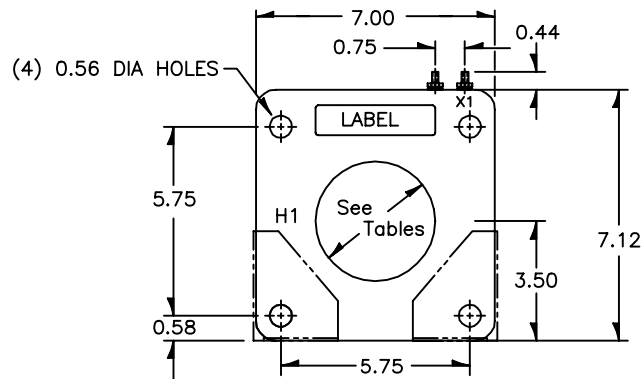
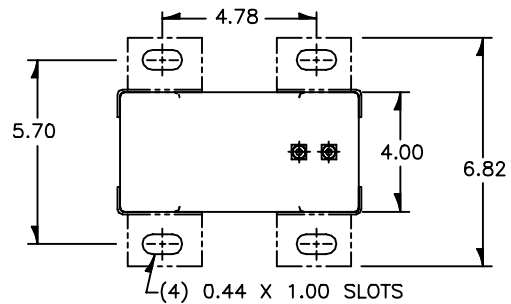
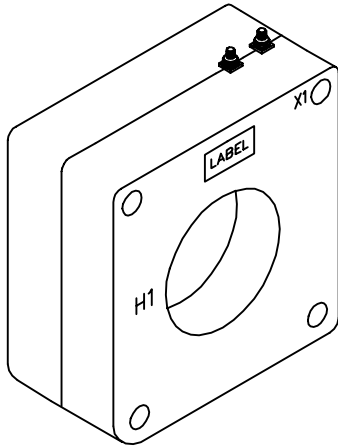
**INSULATION LEVEL:**  
600 Volts, 10 kV BIL full wave.

- Terminals are brass studs No. 8-32 UNC with one flatwasher, lockwasher and regular nut.
- Order mounting bracket kit 0221B01525 separately.
- Multi-ratios available upon request.

REGULATORY AGENCY APPROVALS



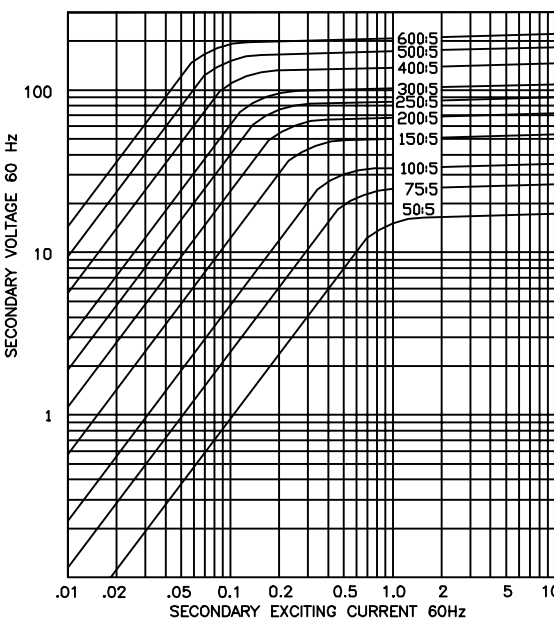
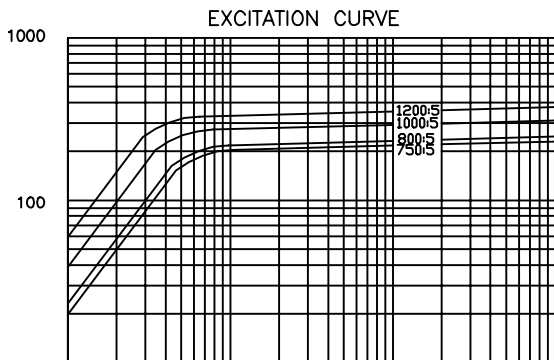
Manufactured to meet the requirements of ANSI/IEEE C57.13.  
Classified by U.L. in accordance with IEC 44-1  
Approved for revenue metering by Industry Canada. (\*)



## CURRENT TRANSFORMER MODEL 112

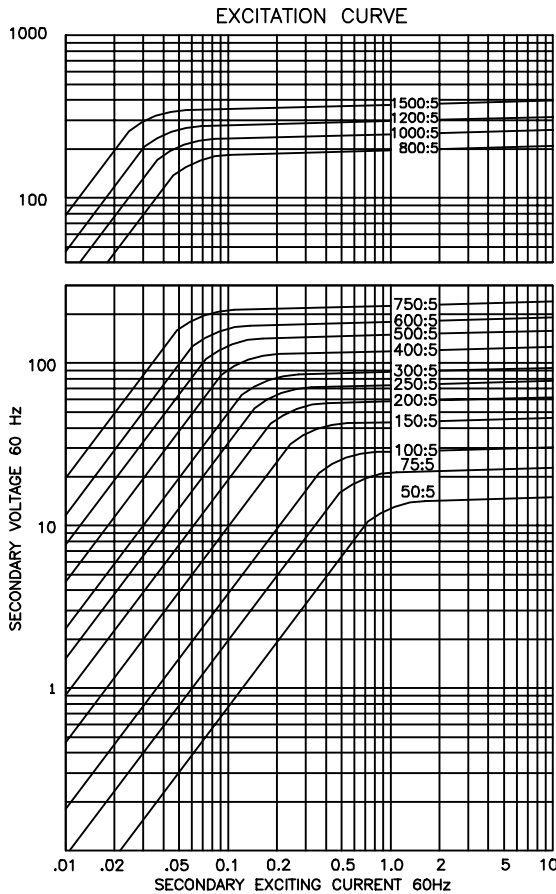
Window Diameter 2.25"

Approximate weight: 25 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
112-500	50:5	C10	1.2	2.4	-	-	-	0.029	2.0	2.0
112-750	75:5	C10	0.6	1.2	2.4	4.8	-	0.046	2.0	2.0
112-101	100:5 *	C20	0.6	0.6	2.4	2.4	4.8	0.062	2.0	2.0
112-151	150:5 *	C20	0.3	0.6	1.2	1.2	2.4	0.093	2.0	2.0
112-201	200:5 *	C50	0.3	0.3	0.3	0.6	1.2	0.124	2.0	2.0
112-251	250:5 *	C50	0.3	0.3	0.3	0.3	0.6	0.155	2.0	2.0
112-301	300:5 *	C50	0.3	0.3	0.3	0.3	0.6	0.186	2.0	2.0
112-401	400:5 *	C100	0.3	0.3	0.3	0.3	0.3	0.248	2.0	1.5
112-501	500:5 *	C100	0.3	0.3	0.3	0.3	0.3	0.341	2.0	1.5
112-601	600:5 *	C100	0.3	0.3	0.3	0.3	0.3	0.409	1.5	1.33
112-751	750:5 *	C200	0.3	0.3	0.3	0.3	0.3	0.495	1.5	1.0
112-801	800:5 *	C200	0.3	0.3	0.3	0.3	0.3	0.529	1.5	1.0
112-102	1000:5 *	C200	0.3	0.3	0.3	0.3	0.3	0.661	1.33	1.0
112-122	1200:5 *	C200	0.3	0.3	0.3	0.3	0.3	0.793	1.33	1.0

\* Industry Canada Approval No. AE-0837



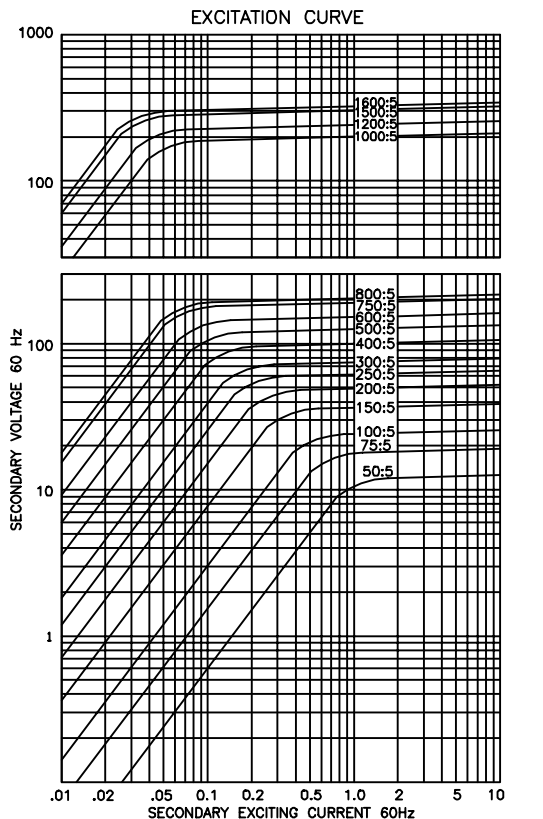
### CURRENT TRANSFORMER MODEL 113

*Window Diameter 2.75 "*

Approximate weight: 23 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
113-500	50:5	C10	2.4	4.8	—	—	—	0.033	2	2
113-750	75:5	C10	0.6	1.2	4.8	4.8	—	0.043	2	2
113-101	100:5	C20	0.6	0.6	2.4	2.4	4.8	0.059	2	2
113-151	150:5	C20	0.3	0.3	0.6	1.2	2.4	0.089	2	2
113-201	200:5 *	C20	0.3	0.3	0.6	0.6	1.2	0.118	2	2
113-251	250:5 *	C50	0.3	0.3	0.6	0.6	1.2	0.163	2	2
113-301	300:5 *	C50	0.3	0.3	0.3	0.6	1.2	0.195	2	2
113-401	400:5 *	C100	0.3	0.3	0.3	0.3	0.6	0.260	2	1.5
113-501	500:5 *	C100	0.3	0.3	0.3	0.3	0.3	0.325	2	1.5
113-601	600:5 *	C100	0.3	0.3	0.3	0.3	0.3	0.390	1.5	1.33
113-751	750:5 *	C200	0.3	0.3	0.3	0.3	0.3	0.488	1.5	1.0
113-801	800:5 *	C200	0.3	0.3	0.3	0.3	0.3	0.503	1.5	1.0
113-102	1000:5 *	C200	0.3	0.3	0.3	0.3	0.3	0.629	1.33	1.0
113-122	1200:5 *	C200	0.3	0.3	0.3	0.3	0.3	0.755	1.33	1.0
113-152	1500:5 *	C200	0.3	0.3	0.3	0.3	0.3	0.943	1.0	0.8

\* Industry Canada Approval No. T-190



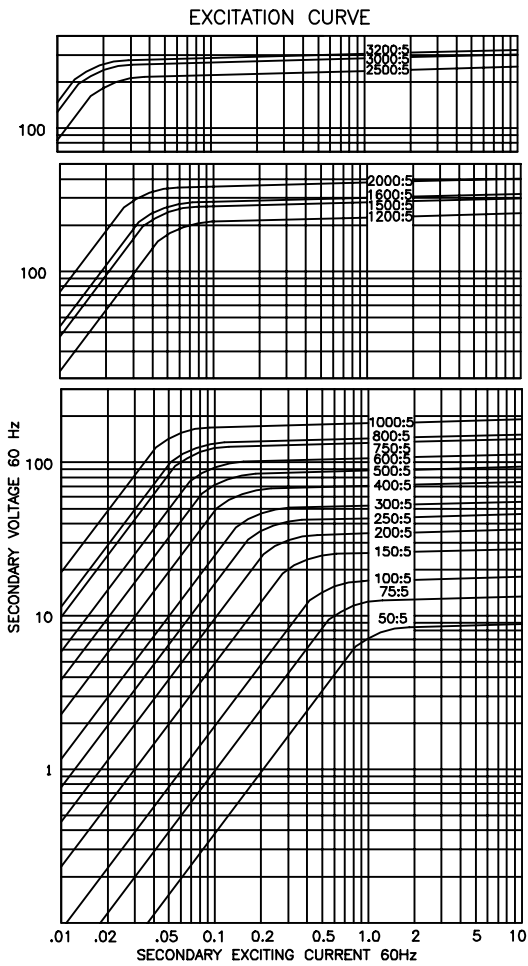
### CURRENT TRANSFORMER MODEL 114

*Window Diameter 3.25 "*

Approximate weight: 22 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
114-500	50:5	—	1.2	4.8	—	—	—	0.024	2.0	2.0
114-750	75:5	C10	1.2	2.4	4.8	—	—	0.040	2.0	2.0
114-101	100:5	C10	1.2	1.2	2.4	4.8	—	0.055	2.0	2.0
114-151	150:5 *	C20	0.6	0.6	1.2	2.4	4.8	0.082	2.0	2.0
114-201	200:5 *	C20	0.3	0.3	0.6	1.2	2.4	0.112	2.0	2.0
114-251	250:5 *	C50	0.3	0.3	0.6	1.2	1.2	0.141	2.0	2.0
114-301	300:5 *	C50	0.3	0.3	0.6	0.6	1.2	0.165	2.0	2.0
114-401	400:5 *	C100	0.3	0.3	0.3	0.3	0.6	0.220	2.0	1.5
114-501	500:5 *	C100	0.3	0.3	0.3	0.3	0.6	0.267	2.0	1.5
114-601	600:5 *	C100	0.3	0.3	0.3	0.3	0.3	0.371	1.5	1.33
114-751	750:5 *	C100	0.3	0.3	0.3	0.3	0.3	0.464	1.5	1.0
114-801	800:5 *	C200	0.3	0.3	0.3	0.3	0.3	0.495	1.5	1.0
114-102	1000:5 *	C100	0.3	0.3	0.3	0.3	0.3	0.597	1.5	1.0
114-122	1200:5 *	C200	0.3	0.3	0.3	0.3	0.3	0.716	1.33	1.0
114-152	1500:5 *	C200	0.3	0.3	0.3	0.3	0.3	0.896	1.0	0.8
114-162	1600:5 *	C200	0.3	0.3	0.3	0.3	0.3	0.955	1.0	0.8

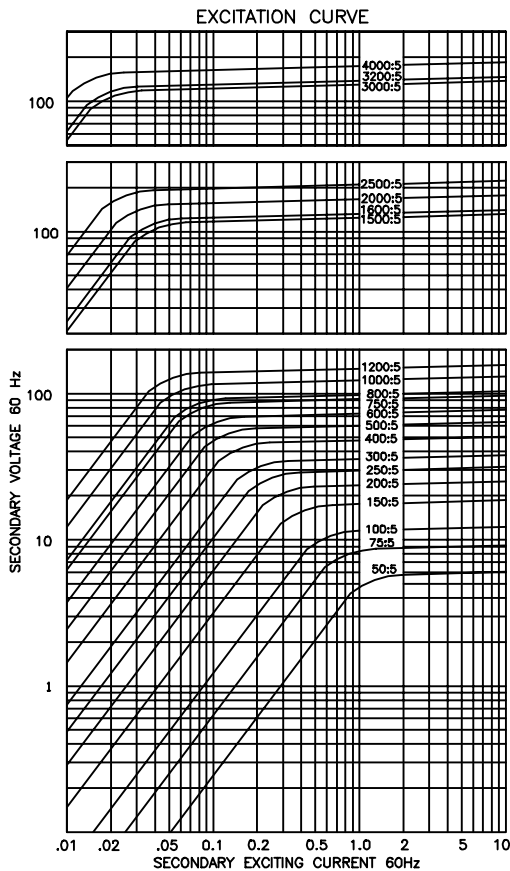
\* Industry Canada Approval No. T-191



**CURRENT TRANSFORMER MODEL 115**  
*Window Diameter 4.00"*  
 Approximate weight: 19 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
115-500	50:5	-	2.4	4.8	-	-	-	0.025	2.0	2.0
115-750	75:5	-	1.2	2.4	4.8	-	-	0.037	2.0	2.0
115-101	100:5	C10	1.2	1.2	2.4	4.8	-	0.046	2.0	2.0
115-151	150:5*	C10	0.6	0.6	1.2	2.4	4.8	0.074	2.0	2.0
115-201	200:5*	C20	0.3	0.3	0.6	1.2	2.4	0.099	2.0	2.0
115-251	250:5*	C20	0.3	0.3	0.6	1.2	2.4	0.127	2.0	2.0
115-301	300:5*	C20	0.3	0.3	0.3	0.6	1.2	0.148	2.0	2.0
115-401	400:5*	C50	0.3	0.3	0.3	0.3	0.6	0.208	2.0	2.0
115-501	500:5*	C50	0.3	0.3	0.3	0.3	0.3	0.247	2.0	1.5
115-601	600:5*	C50	0.3	0.3	0.3	0.3	0.3	0.305	2.0	1.5
115-751	750:5*	C100	0.3	0.3	0.3	0.3	0.3	0.428	1.5	1.33
115-801	800:5*	C100	0.3	0.3	0.3	0.3	0.3	0.457	1.5	1.0
115-102	1000:5*	C100	0.3	0.3	0.3	0.3	0.3	0.571	1.5	1.0
115-122	1200:5*	C100	0.3	0.3	0.3	0.3	0.3	0.660	1.33	1.0
115-152	1500:5*	C100	0.3	0.3	0.3	0.3	0.3	0.825	1.0	0.8
115-162	1600:5*	C100	0.3	0.3	0.3	0.3	0.3	0.880	1.0	0.8
115-202	2000:5*	C200	0.3	0.3	0.3	0.3	0.3	1.100	1.0	0.8
115-252	2500:5*	C100	0.3	0.3	0.3	0.3	0.3	1.292	1.0	0.8
115-302	3000:5*	C200	0.3	0.3	0.3	0.3	0.3	1.550	0.8	0.6
115-322	3200:5*	C200	0.3	0.3	0.3	0.3	0.3	1.653	0.8	0.6

\* Industry Canada Approval No. T-192



**CURRENT TRANSFORMER MODEL 117**  
*Window Diameter 4.62"*  
 Approximate weight: 13 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
117-500	50:5	-	2.4	-	-	-	-	0.015	2.0	2.0
117-750	75:5	-	2.4	2.4	-	-	-	0.024	2.0	2.0
117-101	100:5	-	1.2	2.4	4.8	-	-	0.043	2.0	2.0
117-151	150:5	C10	0.6	0.6	2.4	4.8	4.8	0.069	2.0	2.0
117-201	200:5	C10	0.6	0.6	1.2	2.4	4.8	0.085	2.0	2.0
117-251	250:5*	C20	0.6	0.6	0.6	1.2	2.4	0.106	2.0	2.0
117-301	300:5*	C20	0.3	0.3	0.6	1.2	2.4	0.145	2.0	2.0
117-401	400:5*	C20	0.3	0.3	0.3	0.6	1.2	0.184	2.0	2.0
117-501	500:5*	C20	0.3	0.3	0.3	0.3	0.6	0.236	2.0	1.5
117-601	600:5*	C20	0.3	0.3	0.3	0.3	0.6	0.283	2.0	1.5
117-751	750:5*	C50	0.3	0.3	0.3	0.3	0.3	0.354	1.5	1.33
117-801	800:5*	C50	0.3	0.3	0.3	0.3	0.3	0.425	1.5	1.33
117-102	1000:5*	C50	0.3	0.3	0.3	0.3	0.3	0.531	1.5	1.0
117-122	1200:5*	C100	0.3	0.3	0.3	0.3	0.3	0.637	1.33	1.0
117-152	1500:5*	C50	0.3	0.3	0.3	0.3	0.3	0.768	1.33	1.0
117-162	1600:5*	C50	0.3	0.3	0.3	0.3	0.3	0.819	1.0	0.8
117-202	2000:5*	C50	0.3	0.3	0.3	0.3	0.3	1.024	1.0	0.6
117-252	2500:5*	C100	0.3	0.3	0.3	0.3	0.3	1.279	1.0	0.6
117-302	3000:5*	-	0.3	0.3	0.3	0.3	0.3	1.428	1.0	0.6
117-322	3200:5*	-	0.3	0.3	0.3	0.3	0.3	1.523	1.0	0.6
117-402	4000:5*	-	0.3	0.3	0.3	0.3	0.3	2.385	0.8	0.6

\* Industry Canada Approval No. T-193