

# Models 112, 113, 114, 115 and 117

## Current Transformers

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

### Application

Relaying and metering.

### Features

50-400 Hz

### Insulation Level

600 Volts, 10 kV BIL full wave.

Terminals are brass studs No. 8-32 with one flat washer, lock washer and regular nut.

Order mounting bracket kit 0221B01525 separately.

Multi-ratios available upon request.

Excitation data 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

## Model 112 Window Diameter 2.25"

Approximate weight 25 lbs.

Catalog Number	Current Ratio	Relay Class	ANSI Metering Class at 60 Hz					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	—	—	—	2.0	2.0
112-750	75:5	C20	0.6	1.2	2.4	4.8	—	2.0	2.0
112-101	100:5 *	C20	0.6	0.6	2.4	2.4	4.8	2.0	2.0
112-151	150:5 *	C50	0.3	0.6	1.2	1.2	2.4	2.0	2.0
112-201	200:5 *	C50	0.3	0.3	0.6	0.6	1.2	2.0	2.0
112-251	250:5 *	C50	0.3	0.3	0.3	0.3	0.6	2.0	2.0
112-301	300:5 *	C100	0.3	0.3	0.3	0.3	0.6	2.0	2.0
112-401	400:5 *	C100	0.3	0.3	0.3	0.3	0.3	2.0	1.5
112-501	500:5 *	C100	0.3	0.3	0.3	0.3	0.3	2.0	1.5
112-601	600:5 *	C100	0.3	0.3	0.3	0.3	0.3	1.5	1.33
112-751	750:5 *	C200	0.3	0.3	0.3	0.3	0.3	1.5	1.0
112-801	800:5 *	C200	0.3	0.3	0.3	0.3	0.3	1.5	1.0
112-102	1000:5 *	C200	0.3	0.3	0.3	0.3	0.3	1.33	1.0
112-122	1200:5 *	C200	0.3	0.3	0.3	0.3	0.3	1.33	1.0

\* Industry Canada approval No. AE-0837



### Model 113 Window Diameter 2.75"

Approximate weight 23 lbs

Catalog Number	Current Ratio	Relay Class	ANSI Metering Class at 60 Hz					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	—	—	—	2.0	2.0
113-750	75:5	C10	0.6	1.2	4.8	4.8	—	2.0	2.0
113-101	100:5	C20	0.6	0.6	2.4	2.4	4.8	2.0	2.0
113-151	150:5	C20	0.3	0.3	0.6	1.2	2.4	2.0	2.0
113-201	200:5 *	C50	0.3	0.3	0.6	0.6	1.2	2.0	2.0
113-251	250:5 *	C50	0.3	0.3	0.6	0.6	1.2	2.0	2.0
113-301	300:5 *	C50	0.3	0.3	0.3	0.6	1.2	2.0	2.0
113-401	400:5 *	C100	0.3	0.3	0.3	0.3	0.6	2.0	1.5
113-501	500:5 *	C100	0.3	0.3	0.3	0.3	0.3	2.0	1.5
113-601	600:5 *	C100	0.3	0.3	0.3	0.3	0.3	1.5	1.33
113-751	750:5 *	C200	0.3	0.3	0.3	0.3	0.3	1.5	1.0
113-801	800:5 *	C200	0.3	0.3	0.3	0.3	0.3	1.5	1.0
113-102	1000:5 *	C200	0.3	0.3	0.3	0.3	0.3	1.33	1.0
113-122	1200:5 *	C200	0.3	0.3	0.3	0.3	0.3	1.33	1.0
113-152	1500:5 *	C200	0.3	0.3	0.3	0.3	0.3	1.0	0.8

\* Industry Canada Approval No. T-190

### Model 114 Window Diameter 3.25"

Approximate weight 22 lbs.

Catalog Number	Current Ratio	Relay Class	ANSI Metering Class at 60 Hz					Continuous Thermal Rating Factor	
			B0.1	B0.2	B0.5	B0.9	B1.8	@ 30 °C	@ 55 °C
114-500	50:5	C10	2.4	4.8	—	—	—	2.0	2.0
114-750	75:5	C10	1.2	2.4	4.8	—	—	2.0	2.0
114-101	100:5	C10	1.2	1.2	2.4	4.8	—	2.0	2.0
114-151	150:5 *	C20	0.6	0.6	1.2	2.4	4.8	2.0	2.0
114-201	200:5 *	C20	0.3	0.3	0.6	1.2	2.4	2.0	2.0
114-251	250:5 *	C50	0.3	0.3	0.6	1.2	1.2	2.0	2.0
114-301	300:5 *	C50	0.3	0.3	0.6	0.6	1.2	2.0	2.0
114-401	400:5 *	C100	0.3	0.3	0.3	0.3	0.6	2.0	1.5
114-501	500:5 *	C100	0.3	0.3	0.3	0.3	0.6	2.0	1.5
114-601	600:5 *	C100	0.3	0.3	0.3	0.3	0.3	1.5	1.33
114-751	750:5 *	C100	0.3	0.3	0.3	0.3	0.3	1.5	1.0
114-801	800:5 *	C200	0.3	0.3	0.3	0.3	0.3	1.5	1.0
114-102	1000:5 *	C100	0.3	0.3	0.3	0.3	0.3	1.5	1.0
114-122	1200:5 *	C200	0.3	0.3	0.3	0.3	0.3	1.33	1.0
114-152	1500:5 *	C200	0.3	0.3	0.3	0.3	0.3	1.0	0.8
114-162	1600:5 *	C200	0.3	0.3	0.3	0.3	0.3	1.0	0.8

\* Industry Canada Approval No. T-190



## Model 115 Window Diameter 4.00"

Approximate weight 19 lbs.

Catalog Number	Current Ratio	Relay Class	ANSI Metering Class at 60 Hz					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	—	—	—	2.0	2.0
115-750	75:5	—	1.2	2.4	4.8	—	—	2.0	2.0
115-101	100:5	C10	1.2	1.2	2.4	4.8	—	2.0	2.0
115-151	150:5 *	C10	0.6	0.6	1.2	2.4	4.8	2.0	2.0
115-201	200:5 *	C20	0.3	0.6	0.6	1.2	2.4	2.0	2.0
115-251	250:5 *	C20	0.3	0.3	0.6	1.2	2.4	2.0	2.0
115-301	300:5 *	C20	0.3	0.3	0.3	0.6	1.2	2.0	2.0
115-401	400:5 *	C50	0.3	0.3	0.3	0.3	0.6	2.0	2.0
115-501	500:5 *	C50	0.3	0.3	0.3	0.3	0.3	2.0	1.5
115-601	600:5 *	C50	0.3	0.3	0.3	0.3	0.3	2.0	1.5
115-751	750:5 *	C100	0.3	0.3	0.3	0.3	0.3	1.5	1.33
115-801	800:5 *	C100	0.3	0.3	0.3	0.3	0.3	1.5	1.0
115-102	1000:5 *	C100	0.3	0.3	0.3	0.3	0.3	1.5	1.0
115-122	1200:5 *	C100	0.3	0.3	0.3	0.3	0.3	1.33	1.0
115-152	1500:5 *	C100	0.3	0.3	0.3	0.3	0.3	1.0	0.8
115-162	1600:5 *	C100	0.3	0.3	0.3	0.3	0.3	1.0	0.8
115-202	2000:5 *	C200	0.3	0.3	0.3	0.3	0.3	1.0	0.8
115-252	2500:5 *	C100	0.3	0.3	0.3	0.3	0.3	1.0	0.8
115-302	3000:5 *	C200	0.3	0.3	0.3	0.3	0.3	0.8	0.6
115-322	3200:5 *	C200	0.3	0.3	0.3	0.3	0.3	0.8	0.6

\* Industry Canada Approval No. T-192

## Model 117 Window Diameter 4.62"

Approximate weight 13 lbs.

Catalog Number	Current Ratio	Relay Class	ANSI Metering Class at 60 Hz					Continuous Thermal Rating Factor	
			B0.1	B0.2	B0.5	B0.9	B1.8	@ 30°C	@ 55°C
117-500	50:5	—	2.4	—	—	—	—	2.0	2.0
117-750	75:5	—	2.4	2.4	—	—	—	2.0	2.0
117-101	100:5	—	1.2	2.4	4.8	—	—	2.0	2.0
117-151	150:5	C10	0.6	0.6	2.4	4.8	4.8	2.0	2.0
117-201	200:5	C10	0.6	0.6	1.2	2.4	4.8	2.0	2.0
117-251	250:5 *	C20	0.6	0.6	0.6	1.2	2.4	2.0	2.0
117-301	300:5 *	C20	0.3	0.3	0.6	1.2	2.4	2.0	2.0
117-401	400:5 *	C20	0.3	0.3	0.3	0.6	1.2	2.0	2.0
117-501	500:5 *	C20	0.3	0.3	0.3	0.3	0.6	2.0	1.5
117-601	600:5 *	C20	0.3	0.3	0.3	0.3	0.6	2.0	1.5
117-751	750:5 *	C50	0.3	0.3	0.3	0.3	0.3	1.5	1.33
117-801	800:5 *	C50	0.3	0.3	0.3	0.3	0.3	1.5	1.33
117-102	1000:5 *	C50	0.3	0.3	0.3	0.3	0.3	1.5	1.0
117-122	1200:5 *	C100	0.3	0.3	0.3	0.3	0.3	1.33	1.0
117-152	1500:5 *	C50	0.3	0.3	0.3	0.3	0.3	1.33	1.0
117-162	1600:5 *	C50	0.3	0.3	0.3	0.3	0.3	1.0	0.8
117-202	2000:5 *	C100	0.3	0.3	0.3	0.3	0.3	1.0	0.6
117-252	2500:5 *	C100	0.3	0.3	0.3	0.3	0.3	1.0	0.6
117-302	3000:5 *	—	0.3	0.3	0.3	0.3	0.3	1.0	0.6
117-322	3200:5 *	—	0.3	0.3	0.3	0.3	0.3	1.0	0.6
117-402	4000:5 *	—	0.3	0.3	0.3	0.3	0.3	0.8	0.6

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