

MODELS 112, 113, 114, 115 AND 117

Current Transformers

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



REGULATORY AGENCY APPROVALS
 E93779  LR89403
 Manufactured to meet the requirements of ANSI/IEEE C57.13.
 Classified by U.L. in accordance with IEC 44-1

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.

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



461 Boston Street, Unit E6, Topsfield, MA 01983
 Toll Free (800) 644-9773 · Phone (978) 887-2020
meters@spectrumind.com

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



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



461 Boston Street, Unit E6, Topsfield, MA 01983
Toll Free (800) 644-9773 · Phone (978) 887-2020
meters@spectrumind.com

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

* Industry Canada Approval No. T-193



Models 112, 113, 114, 115 and 117

