



# Current Transformer

**Model 112, 113, 114, 115, 117**

rev 03182021



## CERTIFICATIONS:



**APPLICATION:**

Metering

**FREQUENCY:**

50-400 Hz.

**INSULATION LEVEL:**

600 Volts. 10 kV BIL. full wave

**WINDOW DIAMETER:** 2.25", 2.75", 3.25", 4.00", 4.62"

**APPROXIMATE WEIGHT:**

25, 22, 22, 17, 11.5 lbs.

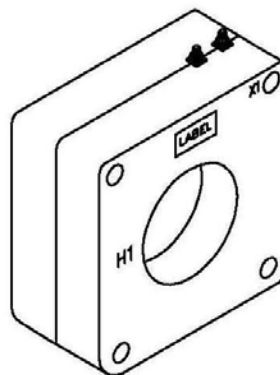
**CONNECTIONS:**

- Terminals are brass studs No. 8-32 UNC with one flat washer, lockwasher, and regular nut
- Mounting kits 59-0215 (CR) and 59-0216 (CL)
- Multi-ratios available upon request

<b>Model</b>	<b>112</b>	<b>113</b>	<b>114</b>	<b>115</b>	<b>117</b>
<b>Window Size</b>	2.25	2.75	3.25	4.00	4.62
<b>Width</b>	7.00	7.00	7.00	7.00	7.00
<b>Height</b>	7.12	7.12	7.12	7.12	7.12
<b>Depth</b>	4.00	4.00	4.00	4.00	4.00

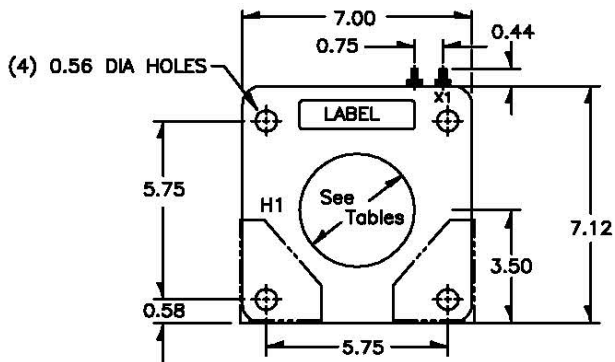
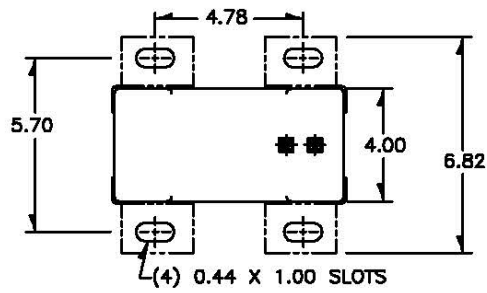
**MODEL 112**  
**Window Diameter 2.25"**  
**Approximate weight: 25 lbs.**

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

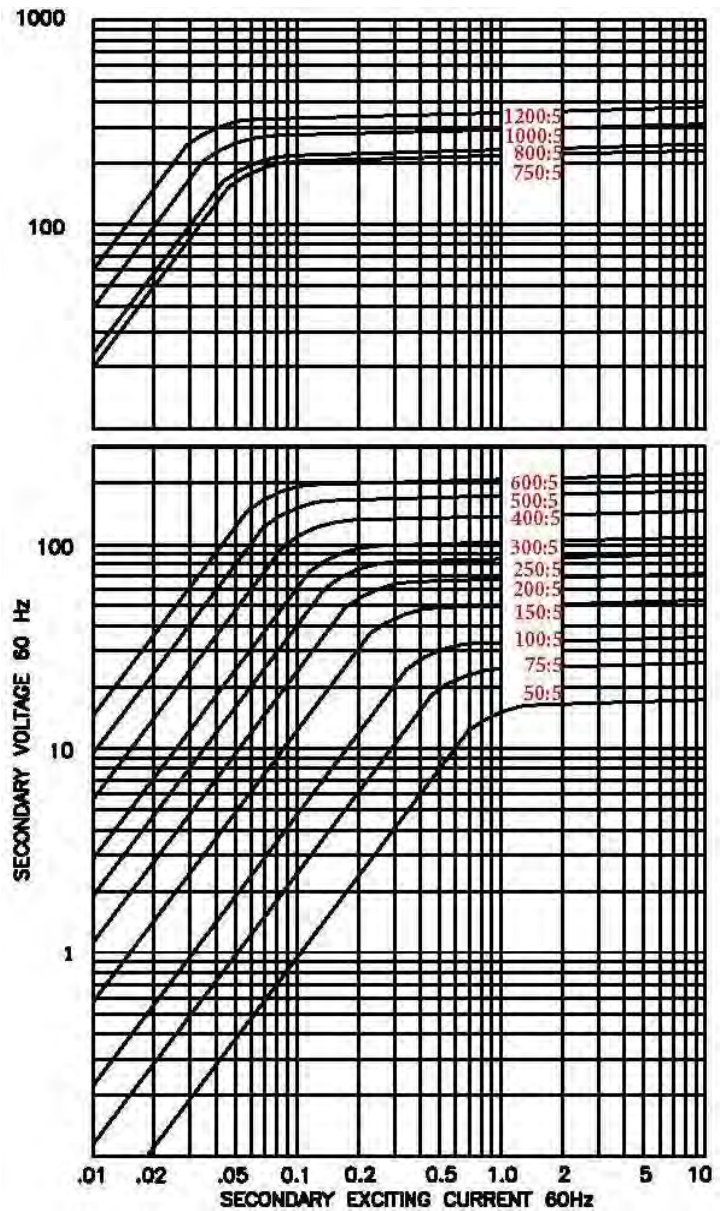




### Models 112, 113, 144, 115 & 117



### EXCITATION CURVE



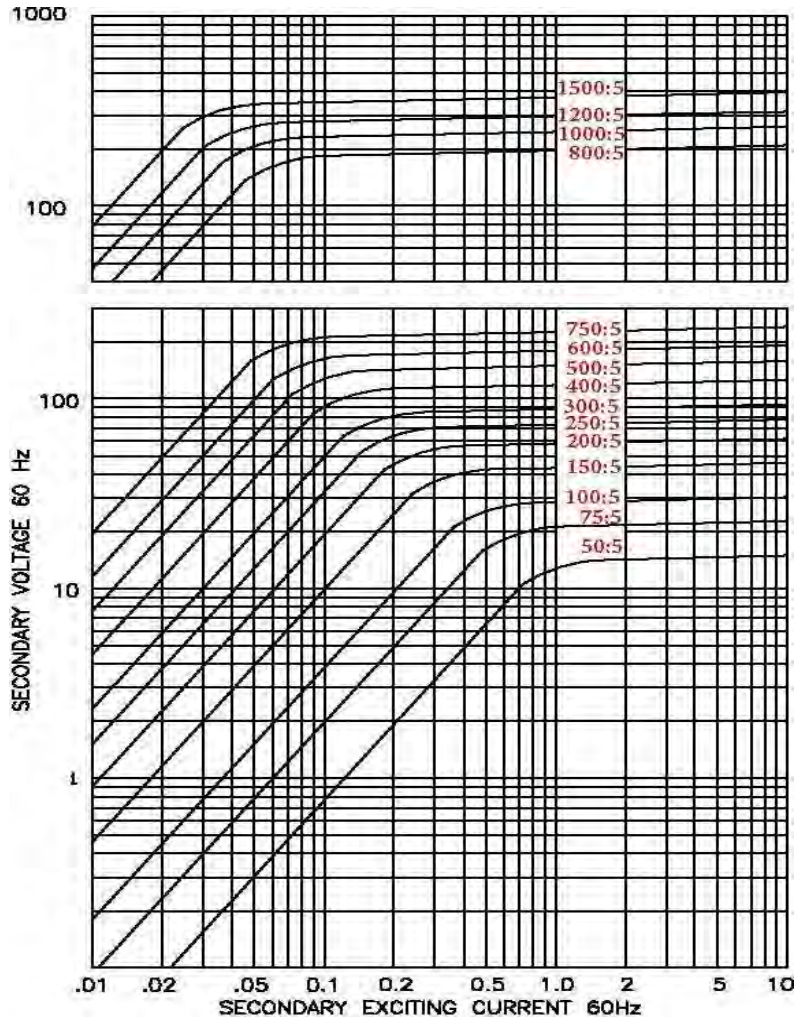
Model 112



**MODEL 113**  
Window Diameter 2.75"  
Approximate weight: 23 lbs.

CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 50 Hz					SECONDARY WINDING RESISTANCE (OHMS @ 75° C)	CONTINUOUS THERMAL RATING FACTOR	
			BO.1	BO.2	BO.5	BO.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

### EXCITATION CURVE



Model 113





# Current Transformer

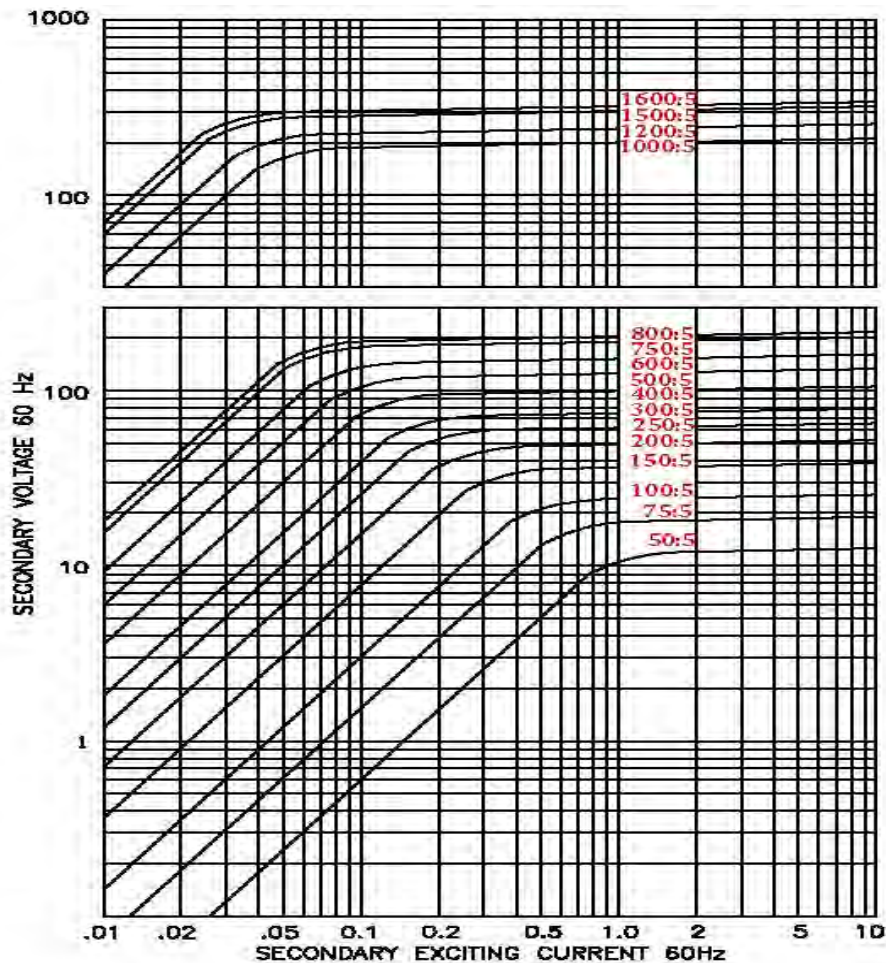
**Model 112, 113, 114, 115, 117**

rev 03182021

**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	
			BO.1	BO.2	BO.5	BO.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

## EXCITATION CURVE

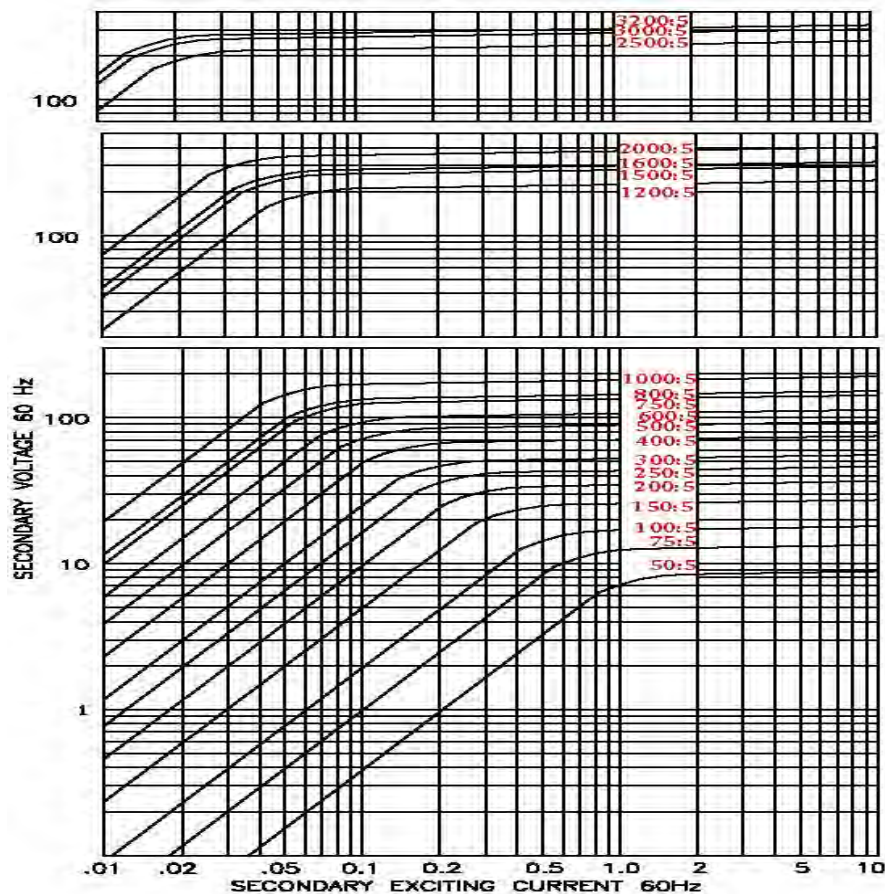


Model 114

**MODEL 115**  
 Window Diameter 4.0"  
 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	
			BO.1	BO.2	BO.5	BO.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

### EXCITATION CURVE



### MODEL 115

Products are manufactured in a plant whose quality management system has been certified to be in compliance with ISO 9001:2015 by NQA



# Current Transformer

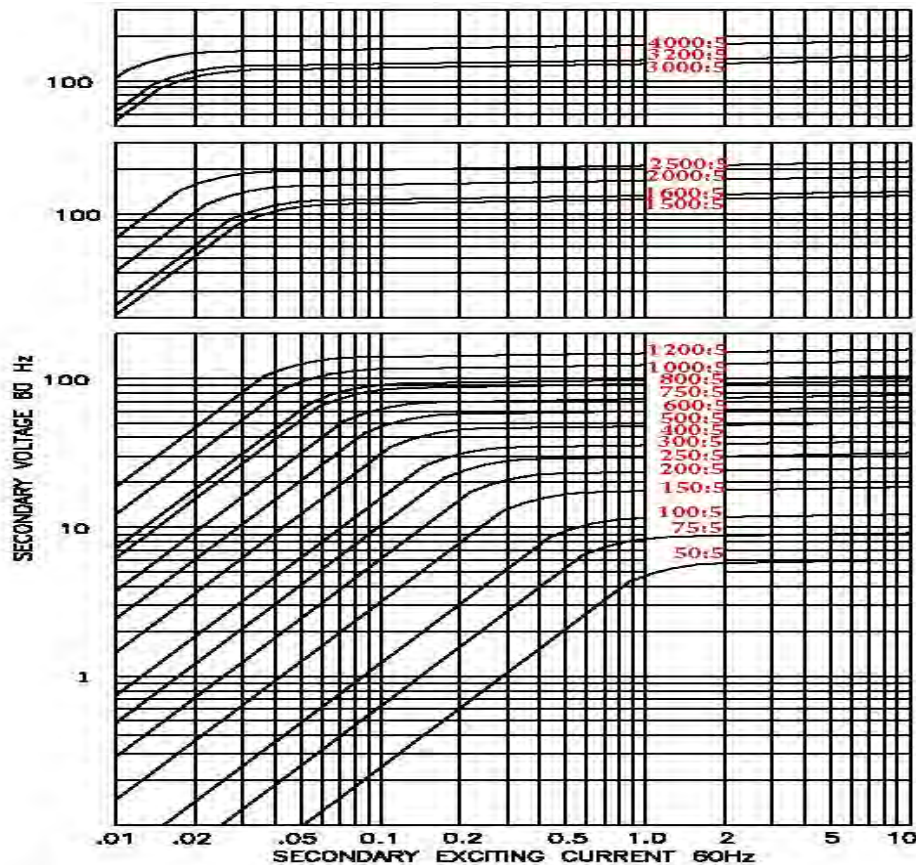
**Model 112, 113, 114, 115, 117**

rev 03182021

**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	
			BO.1	BO.2	BO.5	BO.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

## EXCITATION CURVE



Model 117

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