

CURRENT TRANSFORMERS

Models 296, 297, 298, 299, 300

Window Diameters

1.5", 2.25", 3.0", 3.38", 3.75"

Application:
Metering.

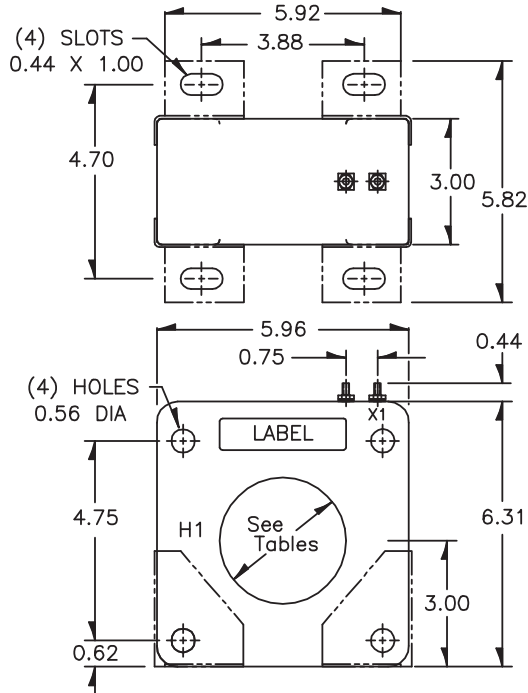
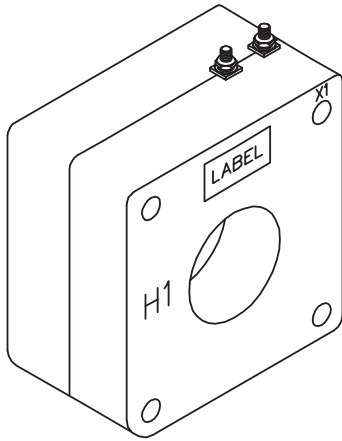
Frequency:
50 - 400 Hz

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 296-CR-CL separately
- Multi-ratios available upon request



E228202



CURRENT TRANSFORMER

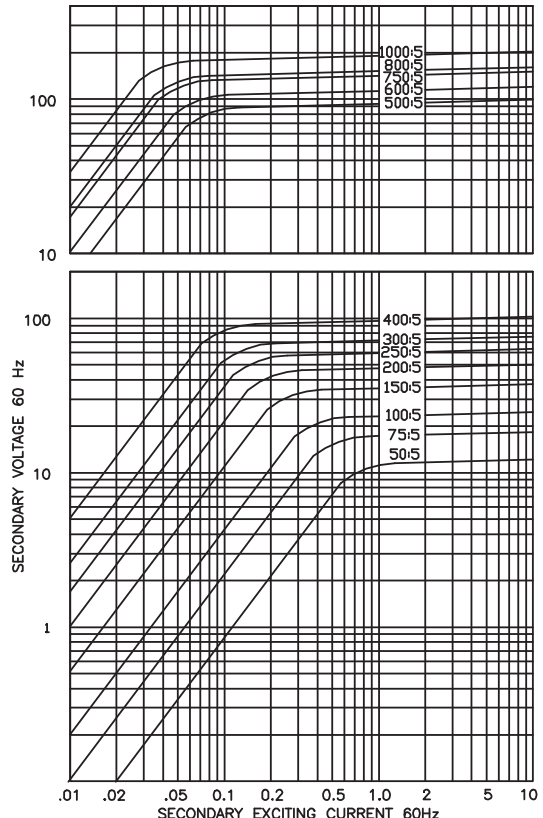
Model 296

Window Diameter 1.5"

Approx. weight 18 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
296-500	50:5	C10	1.2	2.4	4.8	-	-	0.018	2.0	2.0
296-750	75:5	C10	0.6	1.2	2.4	4.8	-	0.027	2.0	2.0
296-101	100:5 *	C20	0.6	0.6	1.2	2.4	4.8	0.035	2.0	2.0
296-151	150:5 *	C20	0.3	0.3	0.6	1.2	2.4	0.053	2.0	2.0
296-201	200:5 *	C20	0.3	0.3	0.6	0.6	1.2	0.071	2.0	2.0
296-251	250:5 *	C50	0.3	0.3	0.3	0.3	0.6	0.121	2.0	2.0
296-301	300:5 *	C50	0.3	0.3	0.3	0.3	0.6	0.168	2.0	1.5
296-401	400:5 *	C100	0.3	0.3	0.3	0.3	0.3	0.224	2.0	1.5
296-501	500:5	C50	0.3	0.3	0.3	0.3	0.3	0.249	1.5	1.5
296-601	600:5	C100	0.3	0.3	0.3	0.3	0.3	0.298	1.5	1.33
296-751	750:5	C100	0.3	0.3	0.3	0.3	0.3	0.373	1.5	1.0
296-801	800:5	C100	0.3	0.3	0.3	0.3	0.3	0.398	1.5	1.0
296-102	1000:5	C100	0.3	0.3	0.3	0.3	0.3	0.497	1.33	1.0

EXCITATION CURVE



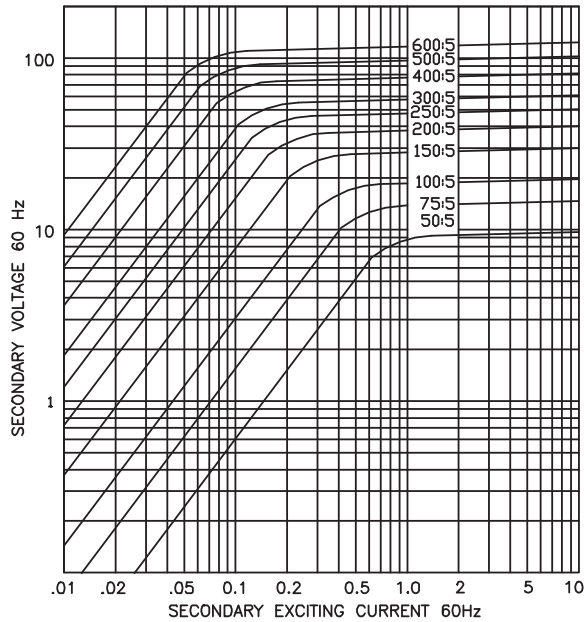
CURRENT TRANSFORMER

Model 297 □

Window Diameter 2.25"

Approx. weight 15 lbs.

EXCITATION CURVE



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
297-500	50:5	-	2.4	4.8	-	-	-	0.015	2.0	2.0
297-750	75:5	C10	1.2	2.4	4.8	4.8	-	0.023	2.0	2.0
297-101	100:5	C10	0.6	1.2	2.4	4.8	4.8	0.051	2.0	2.0
297-151	150:5 *	C20	0.6	0.6	1.2	2.4	2.4	0.048	2.0	2.0
297-201	200:5 *	C20	0.3	0.6	0.6	1.2	2.4	0.103	2.0	2.0
297-251	250:5 *	C20	0.3	0.3	0.3	0.6	1.2	0.111	2.0	2.0
297-301	300:5 *	C50	0.3	0.3	0.3	0.6	1.2	0.154	2.0	1.5
297-401	400:5 *	C50	0.3	0.3	0.3	0.3	0.6	0.205	2.0	1.5
297-501	500:5 *	C50	0.3	0.3	0.3	0.3	0.3	0.233	2.0	1.5
297-601	600:5 *	C100	0.3	0.3	0.3	0.3	0.3	0.308	1.5	1.33

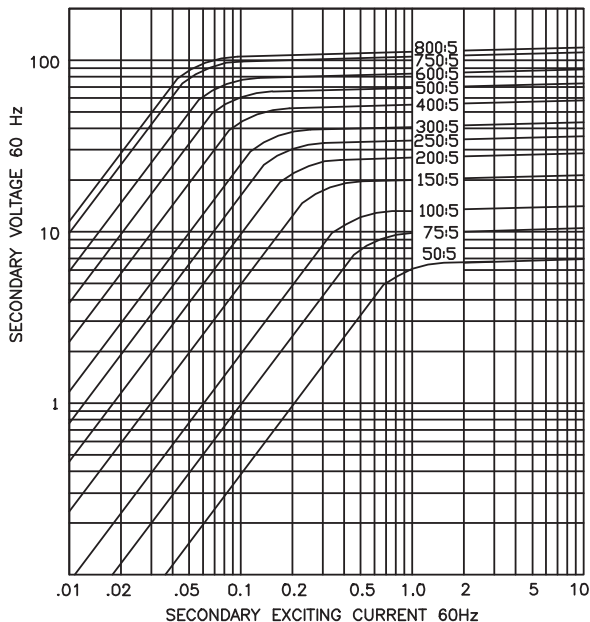
CURRENT TRANSFORMER

Model 298

Window Diameter 3.00"

Approx. weight 12 lbs.

EXCITATION CURVE



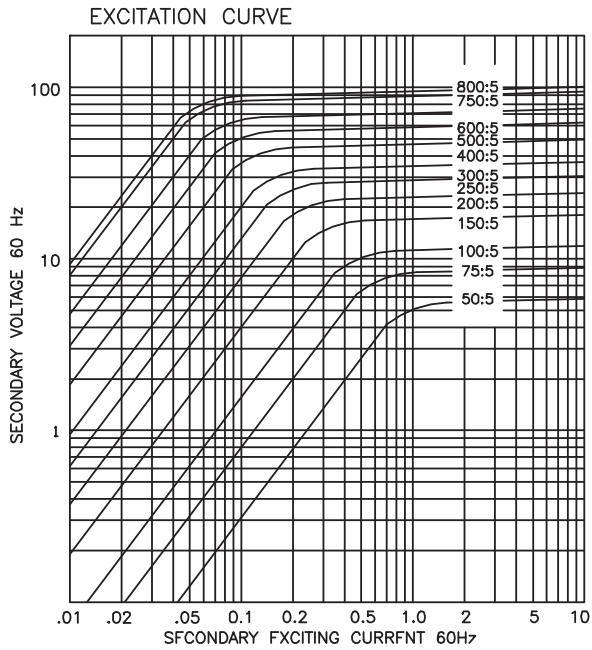
CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz					SECONDARY WINDING RESISTANCE (OHMS @ 75 ° C)	CONTINUOUS THERMAL RATING FACTOR	
			B0.1	B0.2	B0.5	B0.9	B1.8		@30°C	@55°C
298-500	50:5	-	2.4	4.8	-	-	-	0.023	2.0	2.0
298-750	75:5	-	1.2	1.2	4.8	-	-	0.028	2.0	2.0
298-101	100:5	C10	0.6	0.6	2.4	4.8	-	0.040	2.0	2.0
298-151	150:5 *	C10	0.6	0.6	1.2	2.4	4.8	0.060	2.0	2.0
298-201	200:5 *	C20	0.6	0.6	0.6	1.2	2.4	0.080	2.0	2.0
298-251	250:5 *	C20	0.3	0.3	0.6	1.2	2.4	0.073	2.0	2.0
298-301	300:5 *	C20	0.3	0.3	0.6	0.6	1.2	0.087	2.0	2.0
298-401	400:5 *	C20	0.3	0.3	0.3	0.3	0.6	0.186	2.0	1.5
298-501	500:5 *	C50	0.3	0.3	0.3	0.3	0.6	0.233	2.0	1.5
298-601	600:5 *	C50	0.3	0.3	0.3	0.3	0.3	0.279	1.5	1.33
298-751	750:5 *	C50	0.3	0.3	0.3	0.3	0.3	0.349	1.5	1.0
298-801	800:5 *	C50	0.3	0.3	0.3	0.3	0.3	0.372	1.5	1.0

CURRENT TRANSFORMER

Model 299

Window Diameter 3.38"

Approx. weight 10 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
299-500	50:5	-	4.8	4.8	-	-	-	0.022	2.0	2.0
299-750	75:5	-	1.2	2.4	4.8	-	-	0.028	2.0	2.0
299-101	100:5	C10	0.6	1.2	2.4	4.8	-	0.038	2.0	2.0
299-151	150:5 *	C10	0.6	0.6	1.2	2.4	4.8	0.057	2.0	2.0
299-201	200:5 *	C10	0.6	0.6	1.2	1.2	2.4	0.088	2.0	2.0
299-251	250:5 *	C20	0.3	0.3	0.6	1.2	2.4	0.098	2.0	2.0
299-301	300:5 *	C20	0.3	0.3	0.3	0.6	1.2	0.118	2.0	2.0
299-401	400:5 *	C20	0.3	0.3	0.3	0.6	0.6	0.177	2.0	1.5
299-501	500:5 *	C20	0.3	0.3	0.3	0.3	0.6	0.221	2.0	1.5
299-601	600:5 *	C50	0.3	0.3	0.3	0.3	0.3	0.265	1.5	1.33
299-751	750:5 *	C50	0.3	0.3	0.3	0.3	0.3	0.331	1.5	1.0
299-801	800:5 *	C50	0.3	0.3	0.3	0.3	0.3	0.353	1.5	1.0

CURRENT TRANSFORMER

Model 300

Window Diameter 3.75"

Approx. weight 9 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
300-500	50:5	-	2.4	4.8	-	-	-	0.012	2.0	2.0
300-750	75:5	-	2.4	2.4	-	-	-	0.019	2.0	2.0
300-101	100:5	-	2.4	2.4	2.4	-	-	0.026	2.0	2.0
300-151	150:5 *	-	0.6	0.6	2.4	2.4	4.8	0.054	2.0	2.0
300-201	200:5 *	C10	0.6	0.6	1.2	2.4	4.8	0.072	2.0	2.0
300-251	250:5 *	C10	0.3	0.6	1.2	1.2	2.4	0.104	2.0	2.0
300-301	300:5 *	C10	0.3	0.3	0.3	0.6	1.2	0.108	2.0	2.0
300-401	400:5 *	C20	0.3	0.3	0.3	0.6	1.2	0.144	2.0	1.5
300-501	500:5 *	C20	0.3	0.3	0.3	0.6	0.6	0.209	2.0	1.5
300-601	600:5 *	C20	0.3	0.3	0.3	0.3	0.6	0.251	1.5	1.33
300-751	750:5 *	C20	0.3	0.3	0.3	0.3	0.3	0.329	1.5	1.0
300-801	800:5 *	C50	0.3	0.3	0.3	0.3	0.3	0.334	1.5	1.0
300-102	1000:5 *	C50	0.3	0.3	0.3	0.3	0.3	0.418	1.33	1.0
300-122	1200:5 *	C10	0.3	0.3	0.3	0.3	0.3	0.425	1.33	1.0
300-152	1500:5 *	C10	0.3	0.3	0.3	0.3	0.3	0.531	1.0	1.0
300-162	1600:5 *	C10	0.3	0.3	0.3	0.3	0.3	0.567	1.0	0.8
300-202	2000:5 *	C20	0.3	0.3	0.3	0.3	0.3	0.708	1.0	0.8

