

MODELS 296, 297, 298, 299, 300

Current Transformers

Window Diameter

1.50", 2.25", 3.00", 3.38", 3.75"



Model 296

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.

Model 296 Window Diameter 1.50"

Approximate weight 18 lbs.

CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz					SECONDARY WINDING RESISTANCE (Ω @ 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	1,000:5	C100	0.3	0.3	0.3	0.3	0.3	0.449	1.33	1.0

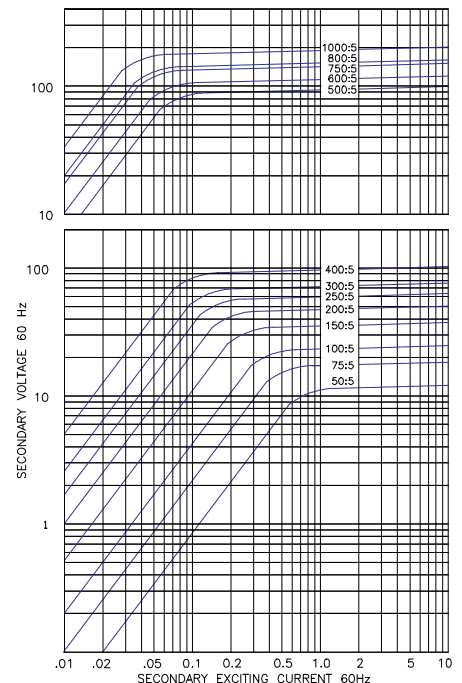
*Industry Canada Approval No. T-202

Terminals are brass studs No. 8-32 with one flatwasher, lockwasher and regular nut.

Order mounting bracket kit 0221B00259 separately.

Multi-ratios available on request.

EXCITATION CURVE



GE VERNOVA



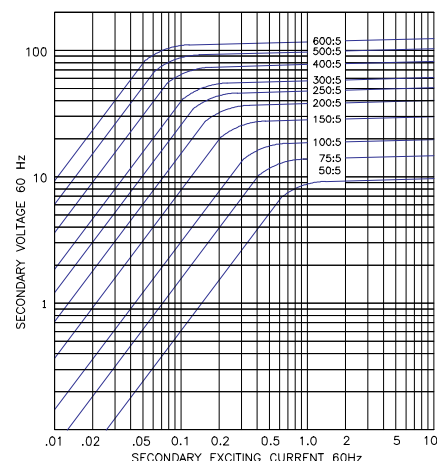
Model 297 Window Diameter 2.25"

Approximate weight 15 lbs.

CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz					SECONDARY WINDING RESISTANCE (Ω @ 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	0.0	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

*Industry Canada Approval No. T-203

EXCITATION CURVE



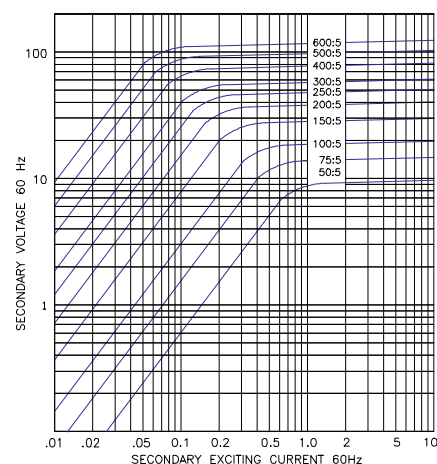
Model 298 Window Diameter 3.00"

Approximate weight 12 lbs.

CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz					SECONDARY WINDING RESISTANCE (Ω @ 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

*Industry Canada Approval No. T-204

EXCITATION CURVE



Model 299 Window Diameter 3.38"

Approximate weight 10 lbs.

CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz					SECONDARY WINDING RESISTANCE (Ω @ 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	—	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

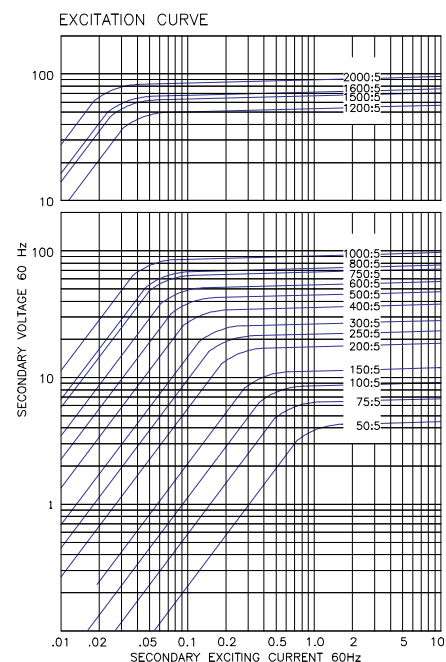
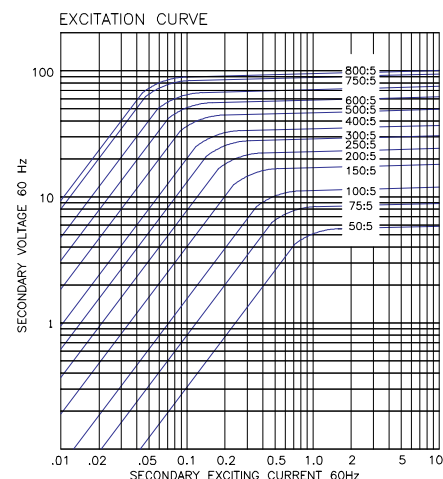
*Industry Canada Approval No. T-205

Model 300 Window Diameter 3.75"

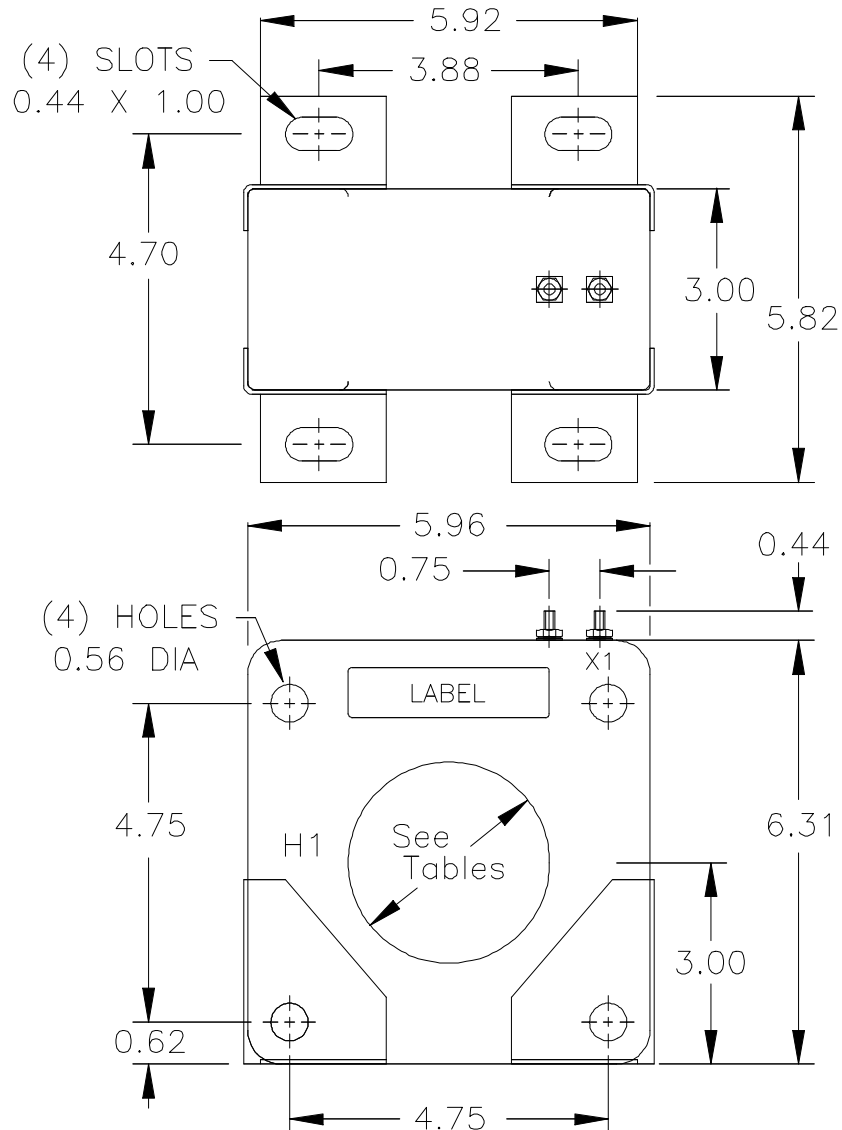
Approximate weight 9 lbs.

CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz					SECONDARY WINDING RESISTANCE (Ω @ 75°C)	CONTINUOUS THERMAL RATING FACTOR	
			B0.1	B0.2	B0.5	B0.9	B1.8		@ 30°C	@ 55°C
300-500	50:5	—	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	4.8	—	—	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	1,000:5*	C50	0.3	0.3	0.3	0.3	0.3	0.418	1.33	1.0
300-122	1,200:5*	C10	0.3	0.3	0.3	0.3	0.3	0.425	1.33	1.0
300-152	1,500:5*	C10	0.3	0.3	0.3	0.3	0.3	0.531	1.0	1.0
300-162	1,600:5*	C10	0.3	0.3	0.3	0.3	0.3	0.567	1.0	0.8
300-202	2,000:5*	C20	0.3	0.3	0.3	0.3	0.3	0.708	1.0	0.8

*Industry Canada Approval No. T-206 Rev. 01



Models 296, 297, 298, 299, 300



For more information, visit
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