

CURRENT TRANSFORMERS

Models
21, 22, 23, 24, 25

Window Diameters

*1.25", 1.63", 2.00",
2.50", 3.13"*

APPLICATION:
Relaying and metering.

FREQUENCY:
50–400 Hz.

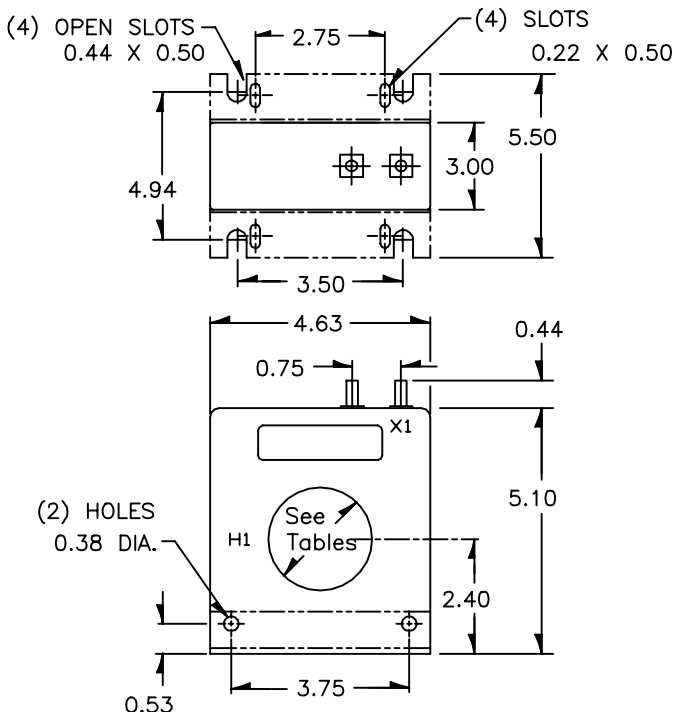
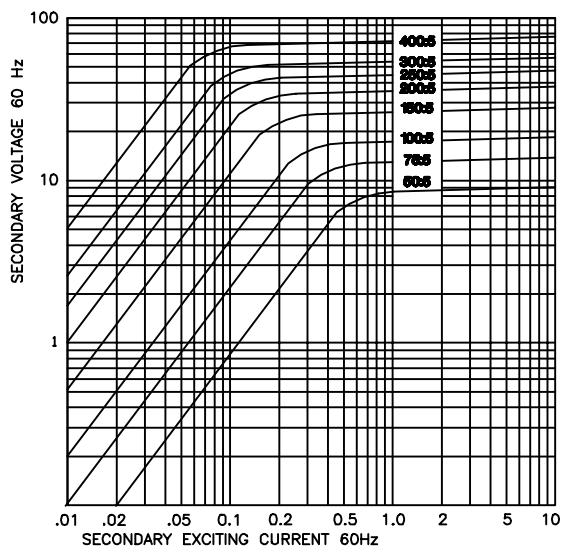
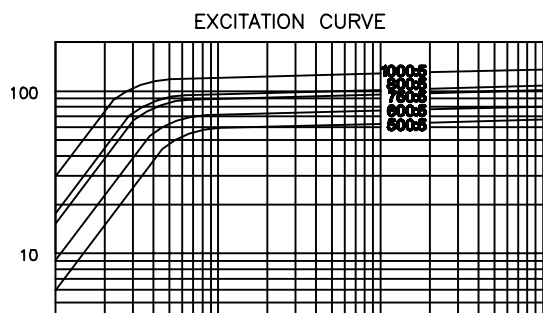
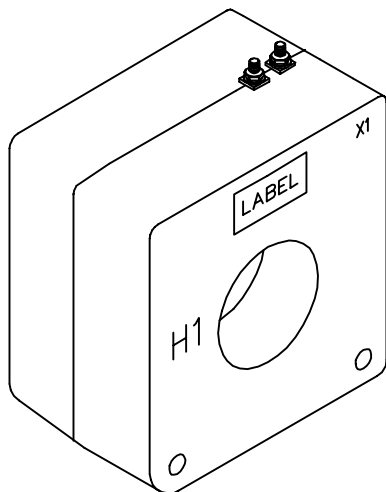
INSULATION LEVEL:
600 Volts, 10 kV BIL full wave.

REGULATORY AGENCY APPROVALS



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

- Terminals are brass studs No. 8–32 UNC with one flatwasher, lockwasher and regular nut.
- Order mounting bracket kit 0221B00541 separately.
- Multi-ratios available upon request.
- Approximate weight 10 lbs.



CURRENT TRANSFORMER MODEL 21

Window Diameter 1.25"

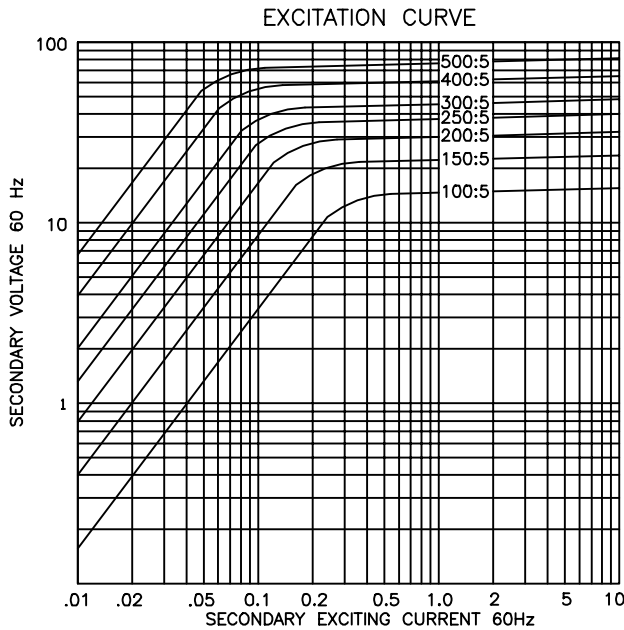
Approximate weight: 10 lbs.

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
21 – 500	50:5	—	1.2	2.4	—	—	—	0.026	2.0	2.0
21 – 750	75:5	C10	0.6	1.2	2.4	4.8	—	0.042	2.0	2.0
21 – 101	100:5	C10	0.6	1.2	1.2	2.4	4.8	0.063	2.0	2.0
21 – 151	150:5	C20	0.3	0.6	0.6	1.2	2.4	0.098	2.0	1.5
21 – 201	200:5	C20	0.3	0.3	0.6	0.6	1.2	0.126	2.0	1.5
21 – 251	250:5	C20	0.3	0.3	0.3	0.6	1.2	0.158	1.5	1.5
21 – 301	300:5	C20	0.3	0.3	0.3	0.3	0.3	0.168	1.5	1.33
21 – 401	400:5	C50	0.3	0.3	0.3	0.3	0.3	0.253	1.5	1.0
21 – 501	500:5	C20	0.3	0.3	0.3	0.3	0.6	0.283	1.5	1.0
21 – 601	600:5	C50	0.3	0.3	0.3	0.3	0.3	0.339	1.33	1.0
21 – 751	750:5	C50	0.3	0.3	0.3	0.3	0.3	0.424	1.0	0.8
21 – 801	800:5	C50	0.3	0.3	0.3	0.3	0.3	0.452	1.0	0.8
21 – 102	1000:5	C100	0.3	0.3	0.3	0.3	0.3	0.565	1.0	0.8

CURRENT TRANSFORMER MODEL 22

Window Diameter 1.63"

Approximate weight: 9 lbs.

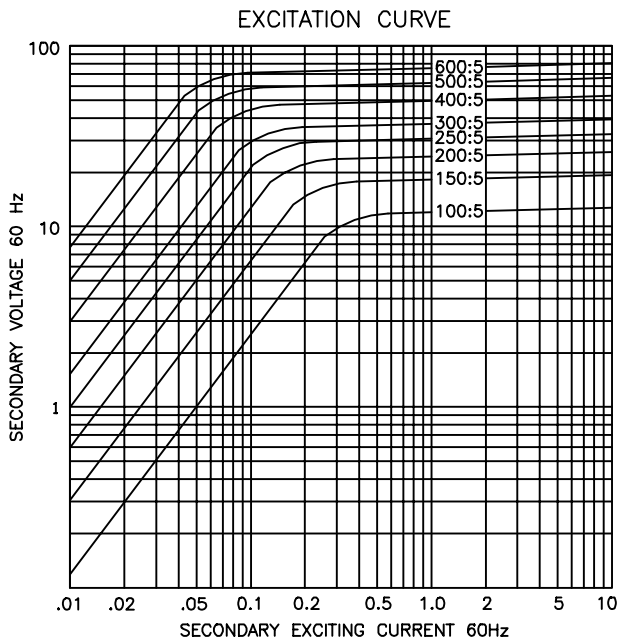


CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz					SECONDARY WINDING RESISTANCE (OHMS @ 75 °C)	CONTINUOUS THERMAL RATING FACTOR	
			B0.1	B0.2	B0.5	B0.9	B1.8		@30°C	@55°C
22-101	100:5	C10	0.6	1.2	2.4	2.4	4.8	0.060	2.0	2.0
22-151	150:5	C10	0.3	0.6	1.2	1.2	2.4	0.090	2.0	2.0
22-201	200:5	C20	0.3	0.3	0.6	1.2	1.2	0.120	2.0	1.5
22-251	250:5	C20	0.3	0.3	0.6	0.6	1.2	0.150	1.5	1.5
22-301	300:5	C20	0.3	0.3	0.3	0.6	0.6	0.180	1.5	1.33
22-401	400:5	C20	0.3	0.3	0.3	0.3	0.6	0.241	1.5	1.0
22-501	500:5	C50	0.3	0.3	0.3	0.3	0.3	0.301	1.5	1.0

CURRENT TRANSFORMER MODEL 23

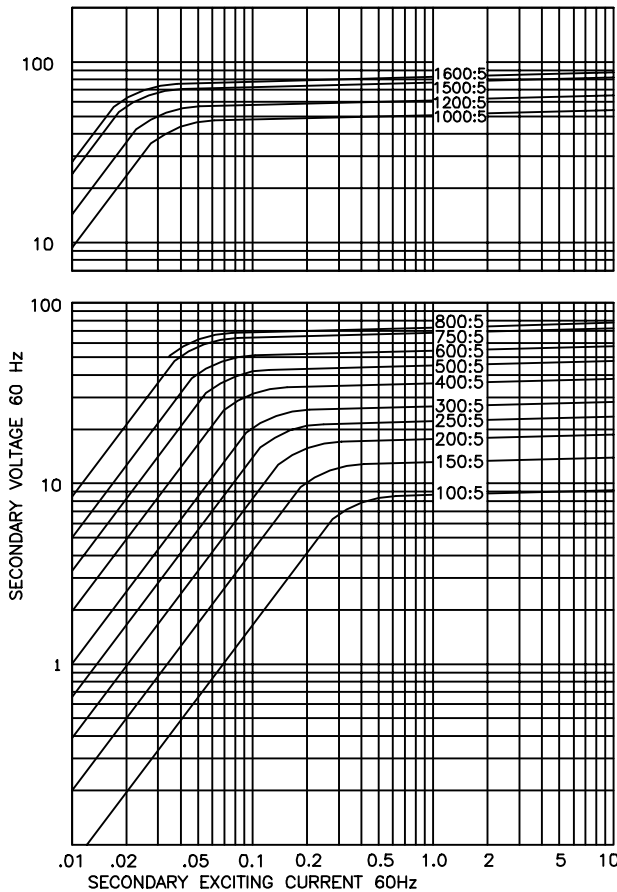
Window Diameter 2.00"

Approximate weight: 8.5 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
23-101	100:5	—	0.6	0.6	2.4	4.8	—	0.051	2.0	2.0
23-151	150:5	C10	0.6	0.6	0.6	1.2	2.4	0.076	2.0	2.0
23-201	200:5	C10	0.3	0.6	0.6	1.2	2.4	0.114	2.0	1.5
23-251	250:5	C20	0.3	0.3	0.6	0.6	1.2	0.143	2.0	1.5
23-301	300:5	C20	0.3	0.3	0.3	0.6	1.2	0.171	1.5	1.33
23-401	400:5	C20	0.3	0.3	0.3	0.3	0.6	0.228	1.5	1.0
23-501	500:5	C20	0.3	0.3	0.3	0.3	0.3	0.286	1.5	1.0
23-601	600:5	C50	0.3	0.3	0.3	0.3	0.3	0.343	1.33	1.0

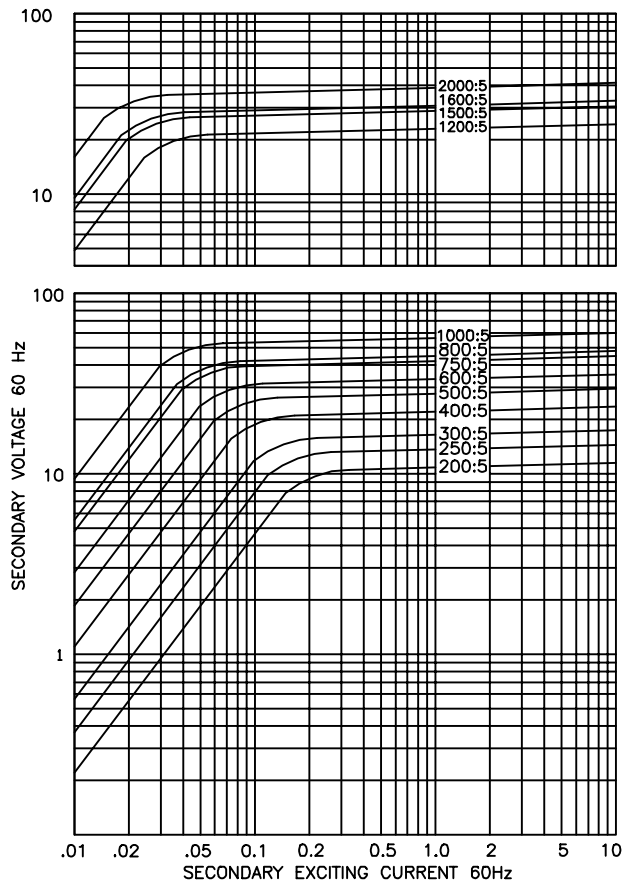
EXCITATION CURVE

**CURRENT TRANSFORMER MODEL 24***Window Diameter 2.50 "*

Approximate weight: 6.5 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
24 - 101	100:5	—	0.6	1.2	2.4	4.8	—	0.046	2.0	2.0
24 - 151	150:5	—	0.6	0.6	1.2	2.4	4.8	0.069	2.0	2.0
24 - 201	200:5	C10	0.3	0.3	0.6	1.2	2.4	0.096	2.0	1.5
24 - 251	250:5	C10	0.3	0.3	0.3	0.6	1.2	0.118	2.0	1.5
24 - 301	300:5	C10	0.3	0.3	0.3	0.6	1.2	0.133	2.0	1.5
24 - 401	400:5	C20	0.3	0.3	0.3	0.6	0.6	0.212	1.5	1.0
24 - 501	500:5	C20	0.3	0.3	0.3	0.3	0.6	0.265	1.5	1.0
24 - 601	600:5	C20	0.3	0.3	0.3	0.3	0.3	0.317	1.33	1.0
24 - 751	750:5	C20	0.3	0.3	0.3	0.3	0.3	0.396	1.0	1.0
24 - 801	800:5	C20	0.3	0.3	0.3	0.3	0.3	0.423	1.0	0.8
24 - 102	1000:5	C10	0.3	0.3	0.3	0.3	0.3	0.446	1.0	0.8
24 - 122	1200:5	C10	0.3	0.3	0.3	0.3	0.3	0.535	1.0	0.8
24 - 152	1500:5	C10	0.3	0.3	0.3	0.3	0.3	0.669	1.0	0.6
24 - 162	1600:5	C10	0.3	0.3	0.3	0.3	0.3	0.713	0.8	0.6

EXCITATION CURVE

**CURRENT TRANSFORMER MODEL 25***Window Diameter 3.13 "*

Approximate weight: 5.5 lbs.

CATALOG NUMBER	CURRENT RATIO	V.A. FOR ±1% 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
25 - 201	200:5	10	0.6	0.6	1.2	2.4	4.8	0.081	2.0	2.0
25 - 251	250:5	15	0.3	0.3	1.2	1.2	2.4	0.108	2.0	1.5
25 - 301	300:5	20	0.3	0.3	0.6	1.2	2.4	0.129	2.0	1.5
25 - 401	400:5	30	0.3	0.3	0.6	0.6	1.2	0.194	1.5	1.33
25 - 501	500:5	45	0.3	0.3	0.3	0.6	1.2	0.243	1.5	1.0
25 - 601	600:5	60	0.3	0.3	0.3	0.3	0.6	0.292	1.33	1.0
25 - 751	750:5	75	0.3	0.3	0.3	0.3	0.6	0.364	1.0	0.8
25 - 801	800:5	80	0.3	0.3	0.3	0.3	0.3	0.389	1.0	0.8
25 - 102	1000:5	100	0.3	0.3	0.3	0.3	0.3	0.486	1.0	0.8
25 - 122	1200:5	75	0.3	0.3	0.3	0.3	0.3	0.389	1.0	0.8
25 - 152	1500:5	90	0.3	0.3	0.3	0.3	0.3	0.617	1.0	0.8
25 - 162	1600:5	95	0.3	0.3	0.3	0.3	0.3	0.658	1.0	0.6
25 - 202	2000:5	100	0.3	0.3	0.3	0.3	0.3	0.822	0.8	0.6