Current Transformer

Model 21, 22, 23, 24, 25
rev 03182021

APPLICATION:
Relaying and Metering
FREQUENCY:
50-400 Hz.
INSULATION LEVEL:
600 Volts. 10 kV BIL. full wave
WINDOW DIAMETER:
1.25", 1.63", 2.00", 2.50", 3.13"
APPROXIMATE WEIGHT:
21, 22, 23: 7 lbs. 24: 6 lbs. 25: 4 lbs.
CONNECTIONS:
-Terminals are brass studs No. 8-32 UNC with one flat washer, lockwasher, and regular nut
-Order Mounting bracket kit separately 59-0224



Model	21	22	23	24	25
Window Size	1.25	1.63	2.00	2.50	3.13
Width	4.63	4.63	4.63	4.63	4.63
Height	5.10	5.10	5.10	5.10	5.10
Depth	3.00	3.00	3.00	3.00	3.00

CERTIFICATIONS:

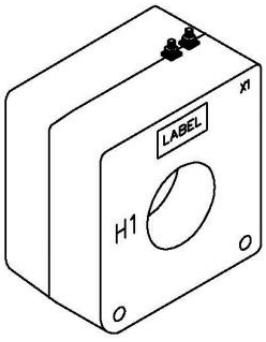
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ISO 9001 QUALITY MANAGEMENT

MODEL 21
Window Diameter 1.25"
Approximate weight: 7 lbs.

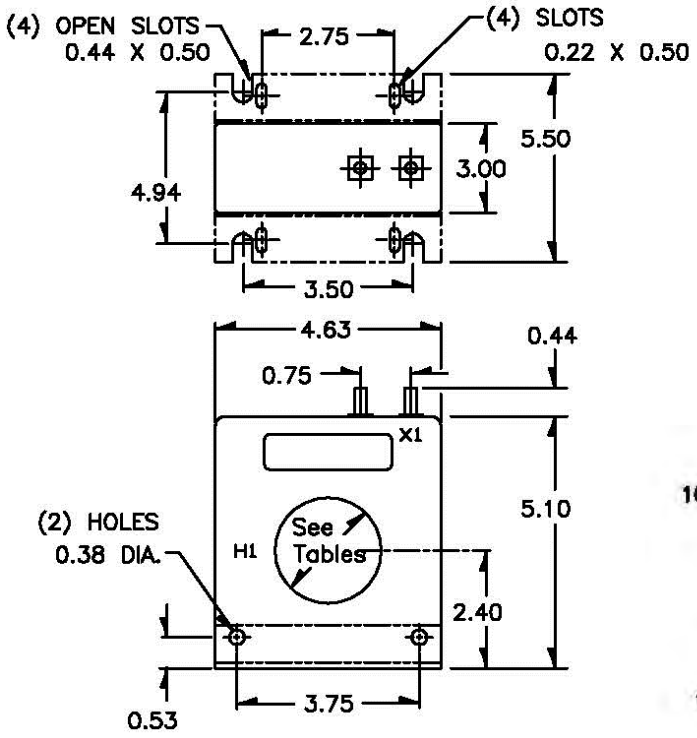
CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz					SECONDARY WINDING RESISTANCE (OHMS @ 75° C)	CONTINOUS THERMAL RATING FACTOR	
			BO.1	BO.2	BO.5	BO.9	B1.8		@ 30°C	@55°C
21 – 500	50:5	-	1.2	2.4	-	-	-	0.026	2.0	2.0
21 – 750	75:5	C10	0.6	1.2	2.4	4.8	-	0.042	2.0	2.0
21 – 101	100:5	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	750:0	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



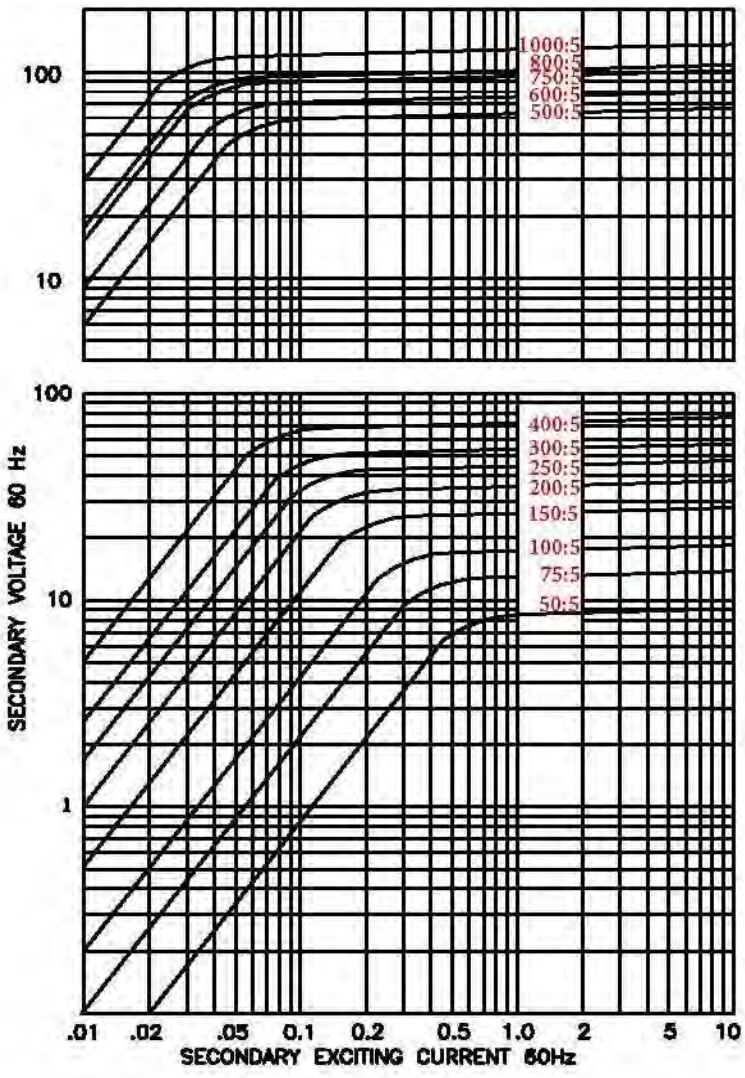
Products are manufactured in a plant whose quality management system has been certified to be in compliance with ISO 9001:2015 by NQA

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Models 21, 22, 23, 24 & 25



EXCITATION CURVE



Model 21

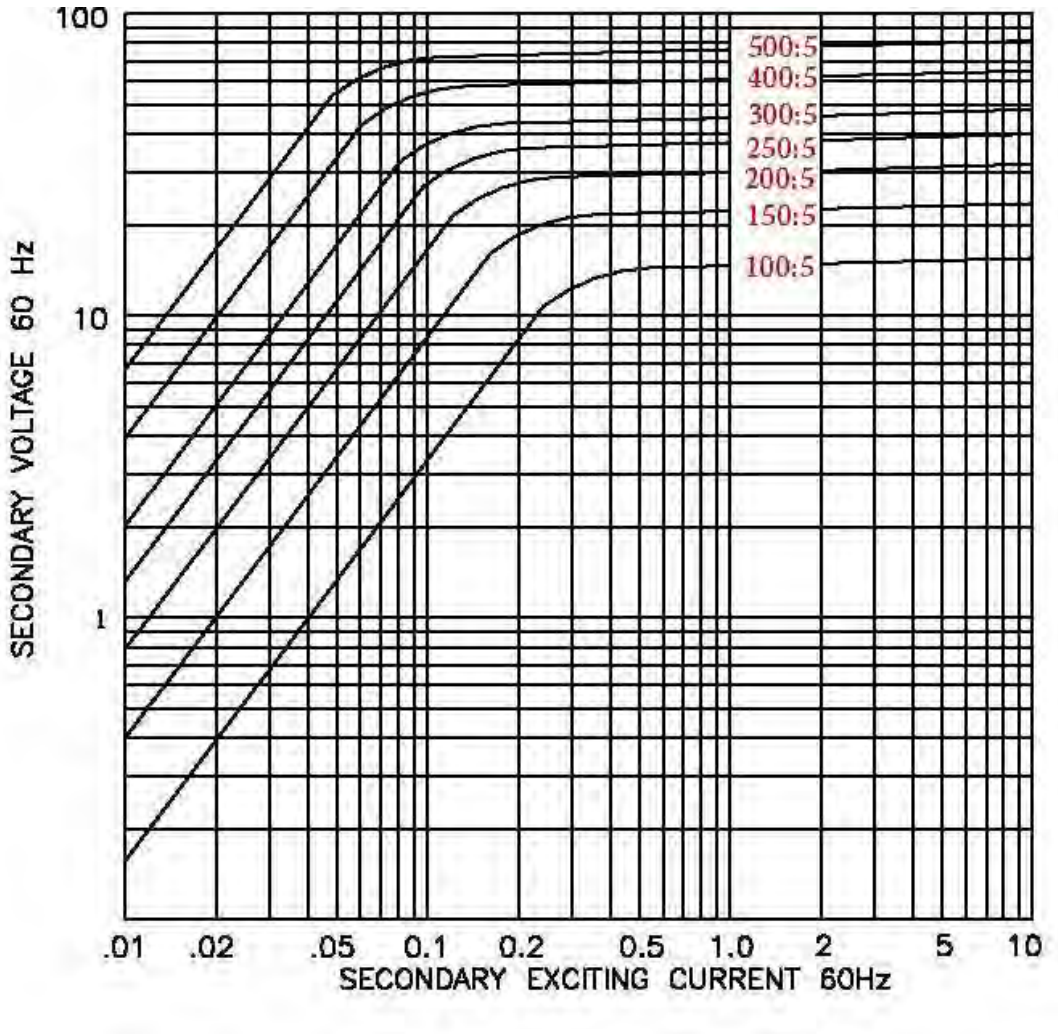
MODEL 22

Window Diameter 1.63”

Approximate weight: 7 lbs.

CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz					SECONDARY WINDING RESISTANCE	CONTINUOUS THERMAL RATING FACTOR	
			BO.1	BO.2	BO.5	BO.9	B1.B	(OHMS @ 75° C)	@ 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

EXCITATION CURVE



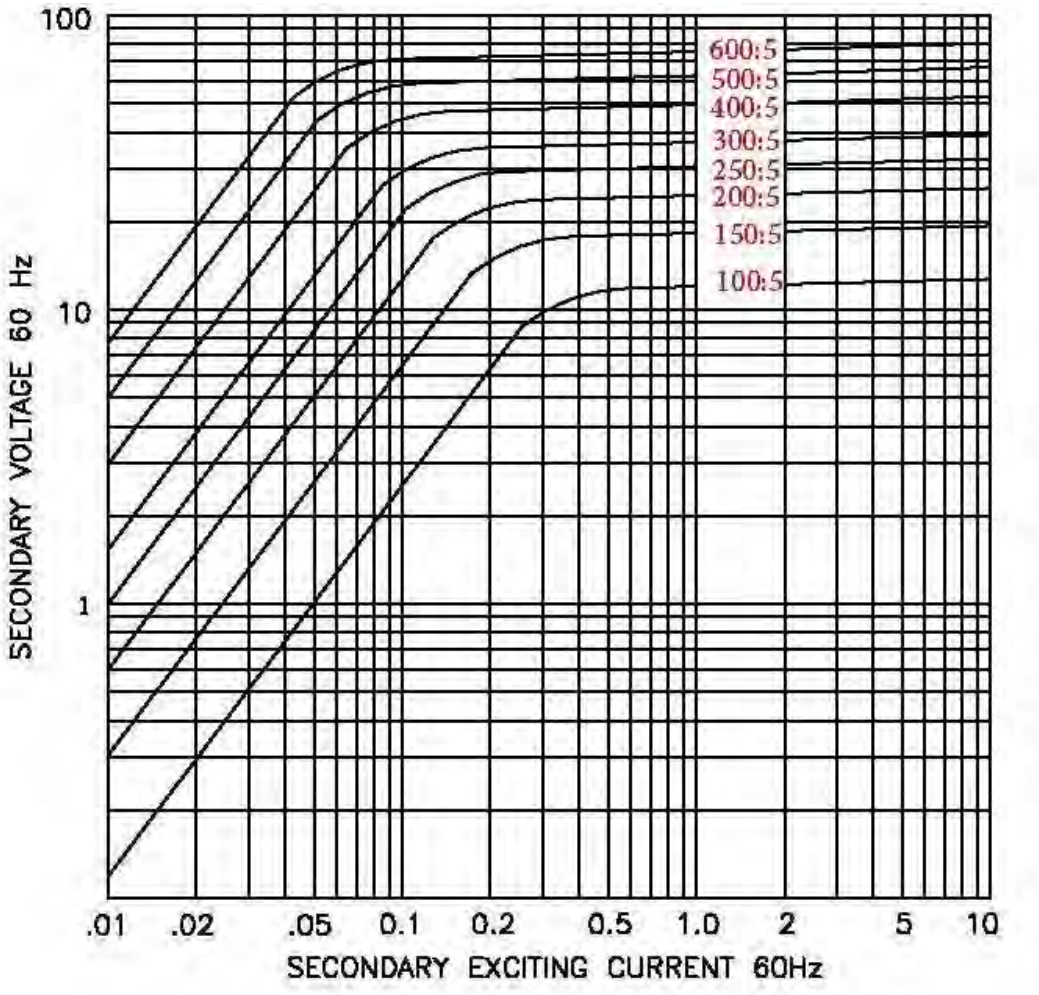
Model 22

MODEL 23

Window Diameter 2.00”
Approximate weight: 7 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.B		@ 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	0.8	0.228	1.5	1.0
23 – 501	500:5	C20	0.3	0.3	0.3	0.3	0.3	0.288	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



Model 23

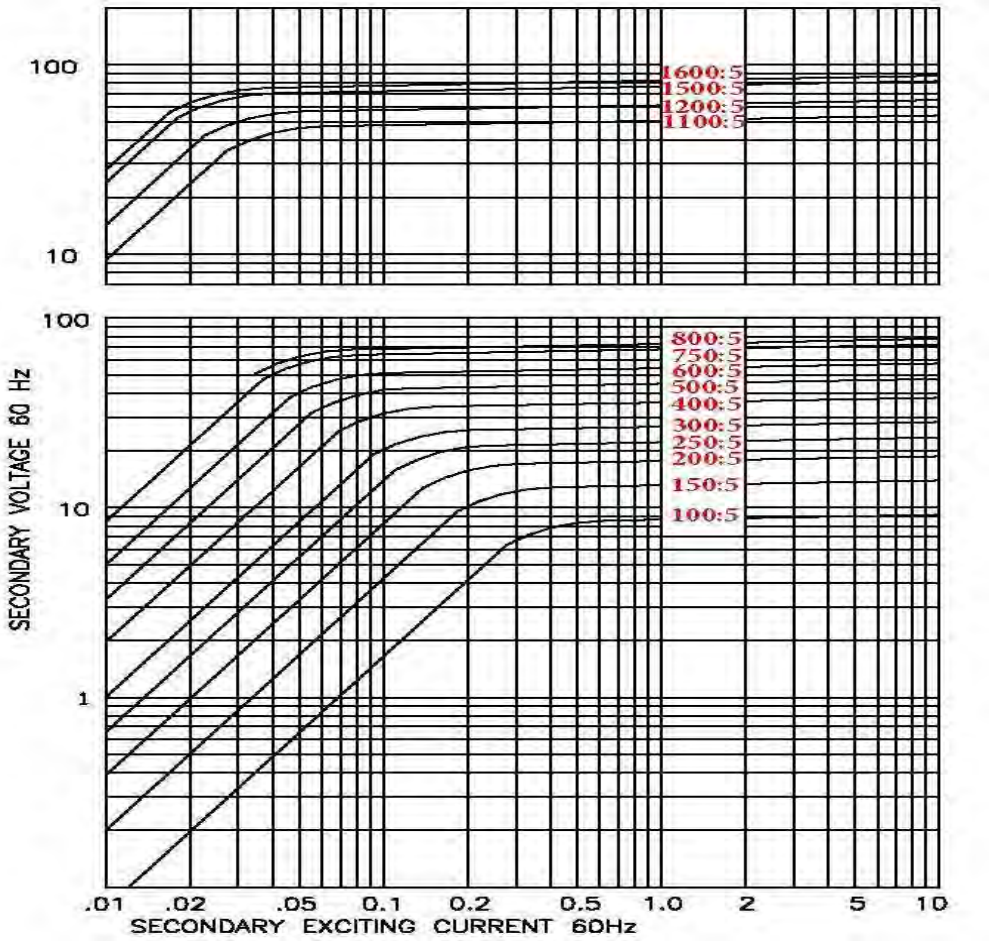
MODEL 24

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	
			BO.1	BO.2	BO.5	BO.9	B1.B		@ 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	0.8
24 – 162	1600:5	C10	0.3	0.3	0.3	0.3	0.3	0.713	0.8	0.8

EXCITATION CURVE



Model 24

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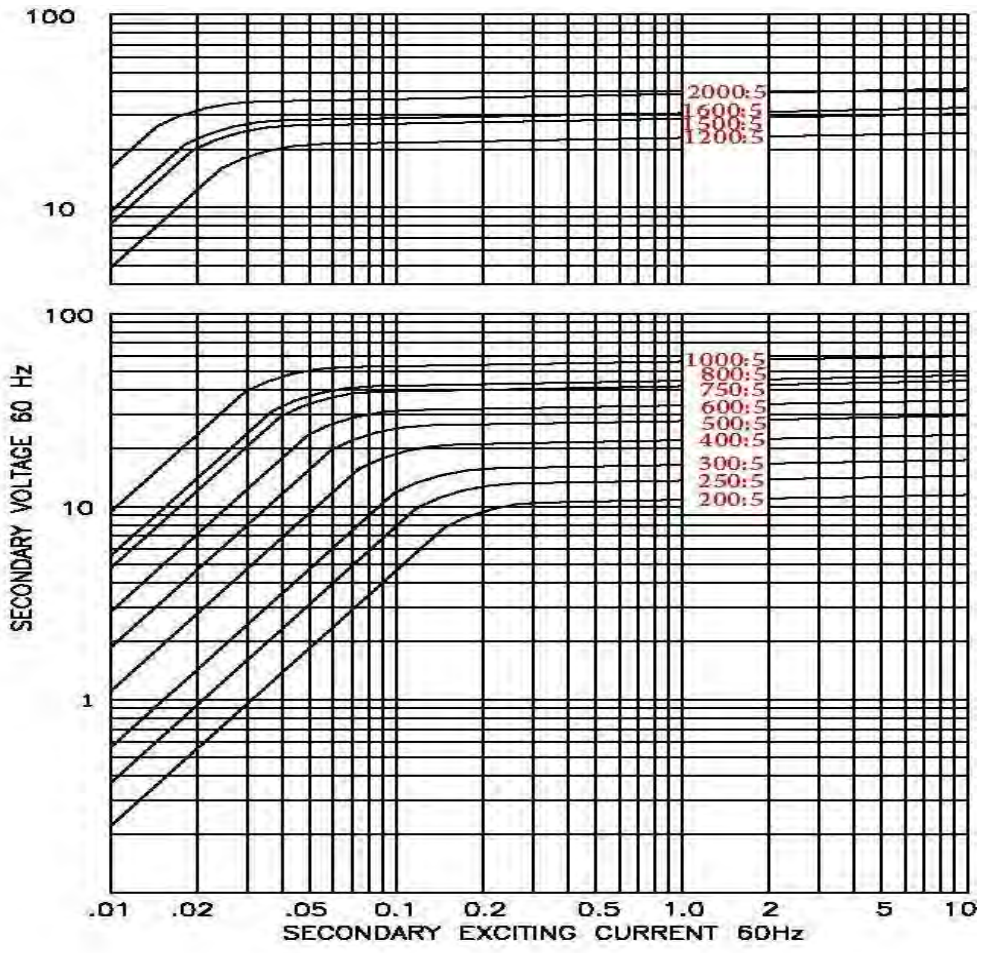
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MODEL 25

Window Diameter 3.13”
Approximate weight: 4 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	
			BO.1	BO.2	BO.5	BO.9	B1.B		@ 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

EXCITATION CURVE



Model 25