Crompton TECHNOLOGY

Current Transformer

Model 137
rev 09182025



APPLICATION:
Relaying and metering.
FREQUENCY:
50-400 Hz.
INSULATION LEVEL:
600 Volts. 10 kV BIL. full wave
WINDOW DIAMETER:
5.5”
APPROXIMATE WEIGHT:
50 lbs.
CONNECTIONS

-Terminals are brass screws No. 10-32 UNF with one flat washer and a split lock washer
-Multi-ratios available upon request
-Mounting bracket # 137-KIT (optional)

Model	137
Window Size	5.50
Width	9.88
Height	9.88
Depth	5.00

MODEL 137
Window Diameter 5.50”
Approximate weight 50 lbs.

CERTIFICATIONS:

c UL us
E228202

CSA C US
223647

nqa.
ISO 9001
QUALITY MANAGEMENT

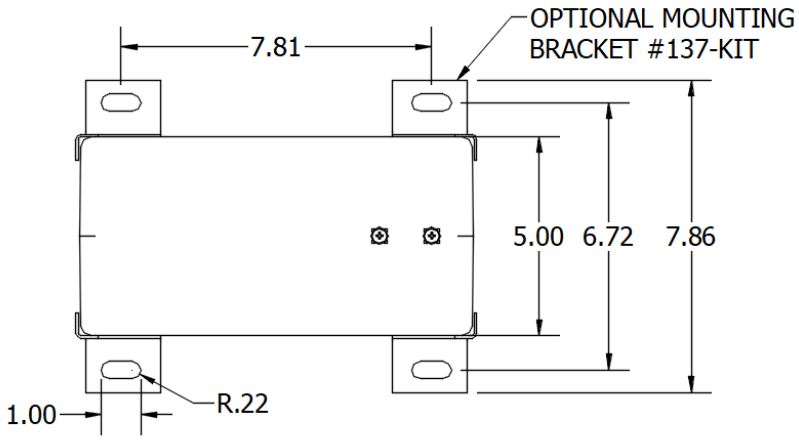
CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 HZ					SECONDARY WINDING RESISTANCE (OHMS @ 75°C)	CONTINUOUS THERMAL RATING FACTOR	
			B0.1	B0.2	B0.5	BO.9	B1.8		@ 30°C	@ 55°C
137 – 500	50:5	C10	2.4	4.8	-	-	-	0.019	2	2
137 – 750	75:5	C20	1.2	2.4	4.8	-	-	0.029	2	2
137 – 101	100:5	C20	1.2	1.2	2.4	4.8	-	0.039	2	2
137 – 151	150:5	C20	0.6	0.6	1.2	2.4	4.8	0.058	2	2
137 – 201	200:5	C50	0.3	0.6	1.2	1.2	2.4	0.078	2	2
137 – 251	250:5	C50	0.3	0.3	0.6	1.2	1.2	0.097	2	2
137 – 301	300:5	C100	0.3	0.3	0.6	0.6	1.2	0.116	2	2
137 – 401	400:5	C100	0.3	0.3	0.3	0.3	0.6	0.155	2	2
137 – 501	500:5	C100	0.3	0.3	0.3	0.3	0.6	0.194	2	2
137 – 601	600:5	C200	0.3	0.3	0.3	0.3	0.3	0.233	2	2
137 – 751	750:5	C200	0.3	0.3	0.3	0.3	0.3	0.291	2	2
137 – 801	800:5	C200	0.3	0.3	0.3	0.3	0.3	0.390	2	2
137 – 102	1000:5	C200	0.3	0.3	0.3	0.3	0.3	0.488	2	1.5
137 – 122	1200:5	C400	0.3	0.3	0.3	0.3	0.3	0.585	2	1.5
137 – 152	1500:5	C400	0.3	0.3	0.3	0.3	0.3	0.678	1.5	1.33
137 – 162	1600:5	C400	0.3	0.3	0.3	0.3	0.3	0.723	1.5	1.33
137 – 202	2000:5	C400	0.3	0.3	0.3	0.3	0.3	0.903	1.5	1
137 – 252	2500:5	C400	0.3	0.3	0.3	0.3	0.3	1.129	1.5	1
137 – 302	3000:5	C400	0.3	0.3	0.3	0.3	0.3	1.279	1.33	1
137 – 352	3500:5	C400	0.3	0.3	0.3	0.3	0.3	1.492	1	0.8
137 – 402	4000:5	C400	0.3	0.3	0.3	0.3	0.3	2.136	1	0.8
137 – 502	5000:5	C400	0.3	0.3	0.3	0.3	0.3	4.199	0.6	0.3

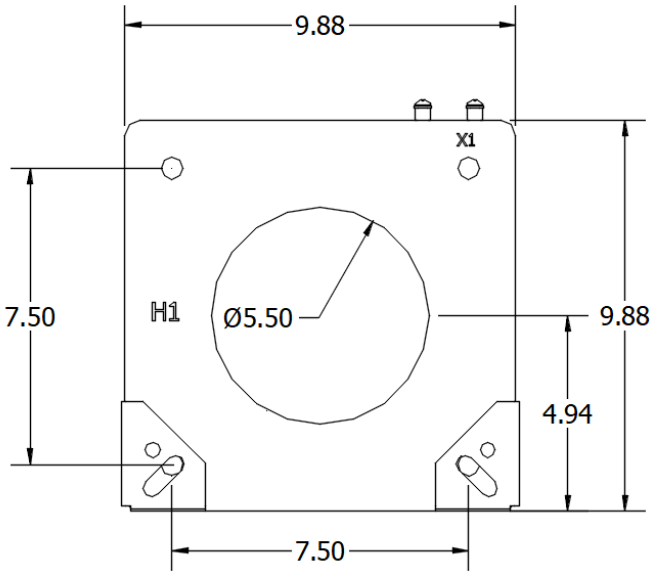
Products are manufactured in a plant whose quality management system has been certified to be in compliance with ISO 9001:2015 by NQA

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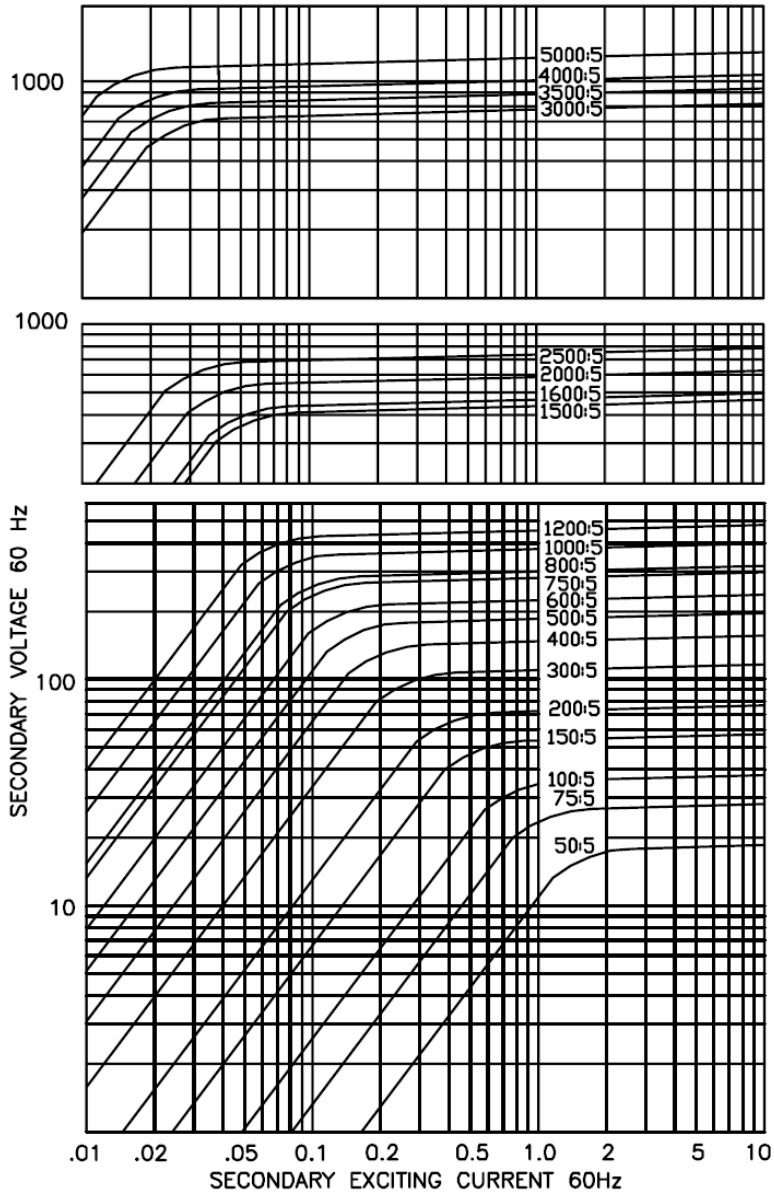
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EXCITATION CURVE



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