



**Current Transformer
Technologies LTD**



Current Transformer

Model 137

rev 09182025

CERTIFICATIONS:



E228202



223647



ISO 9001

QUALITY
MANAGEMENT



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

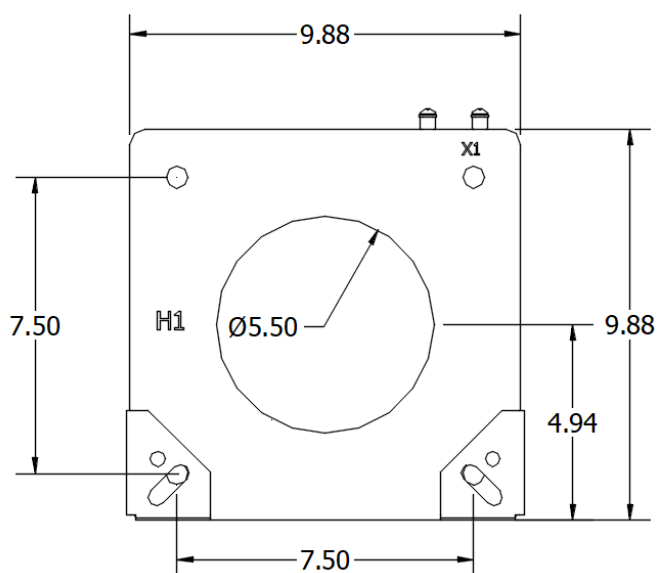
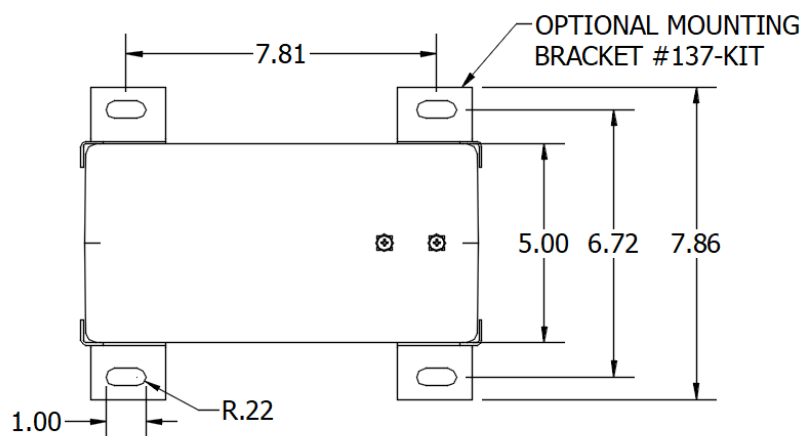
MODEL 137

Window Diameter 5.50"

Approximate weight 50 lbs.

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
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



EXCITATION CURVE

