



**Current Transformer
Technologies LTD**



Current Transformer

Model 100

rev 08192025

CERTIFICATIONS:



E228202



223647



ISO 9001

QUALITY
MANAGEMENT



Model	100
Window Size	4.00
Width	7.00
Height	7.00
Depth	2.17

APPLICATION:

Relaying and Metering

FREQUENCY:

50-400 Hz.

INSULATION LEVEL:

600 Volts. 10 kV BIL. full wave

WINDOW DIAMETER:

4.0"

APPROXIMATE WEIGHT:

6.5 lbs.

CONNECTIONS:

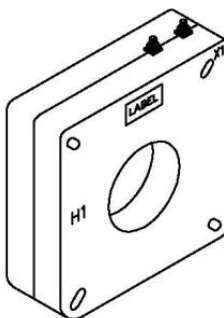
Terminals are brass studs No. 8-32 UNC with one flat washer, lockwasher, and regular nut

Multi-ratios available upon request

Mounting Kit # 100-KIT (optional)

MODEL 100
Window Diameter 4.0"
Approximate weight: 9.5 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
100 - 201	200:5	C10	0.6	0.6	1.2	2.4	-	0.057	2	2
100 - 301	300:5	C10	0.3	0.3	0.6	1.2	-	0.091	2	2
100 - 401	400:5	C20	0.3	0.3	0.6	0.6	1.2	0.133	2	2
100 - 501	500:5	C20	0.3	0.3	0.6	0.6	1.2	0.166	2	1.5
100 - 601	600:5	C20	0.3	0.3	0.3	0.6	0.6	0.199	2	1.5
100 - 801	800:5	C20	0.3	0.3	0.3	0.3	0.6	0.266	1.5	1.33
100 - 102	1000:5	C50	0.3	0.3	0.3	0.3	0.3	0.332	1.5	1
100 - 122	1200:5	C20	0.3	0.3	0.3	0.3	0.3	0.374	1.5	1
100 - 152	1500:5	C20	0.3	0.3	0.3	0.3	0.3	0.468	1.33	1
100 - 162	1600:5	C50	0.3	0.3	0.3	0.3	0.3	0.499	1.33	1
100 - 202	2000:5	C50	0.3	0.3	0.3	0.3	0.3	0.624	1	0.8
100 - 252	2500:5	C50	0.3	0.3	0.3	0.3	0.3	0.735	1	0.8
100 - 302	3000:5	C50	0.3	0.3	0.3	0.3	0.3	0.882	1	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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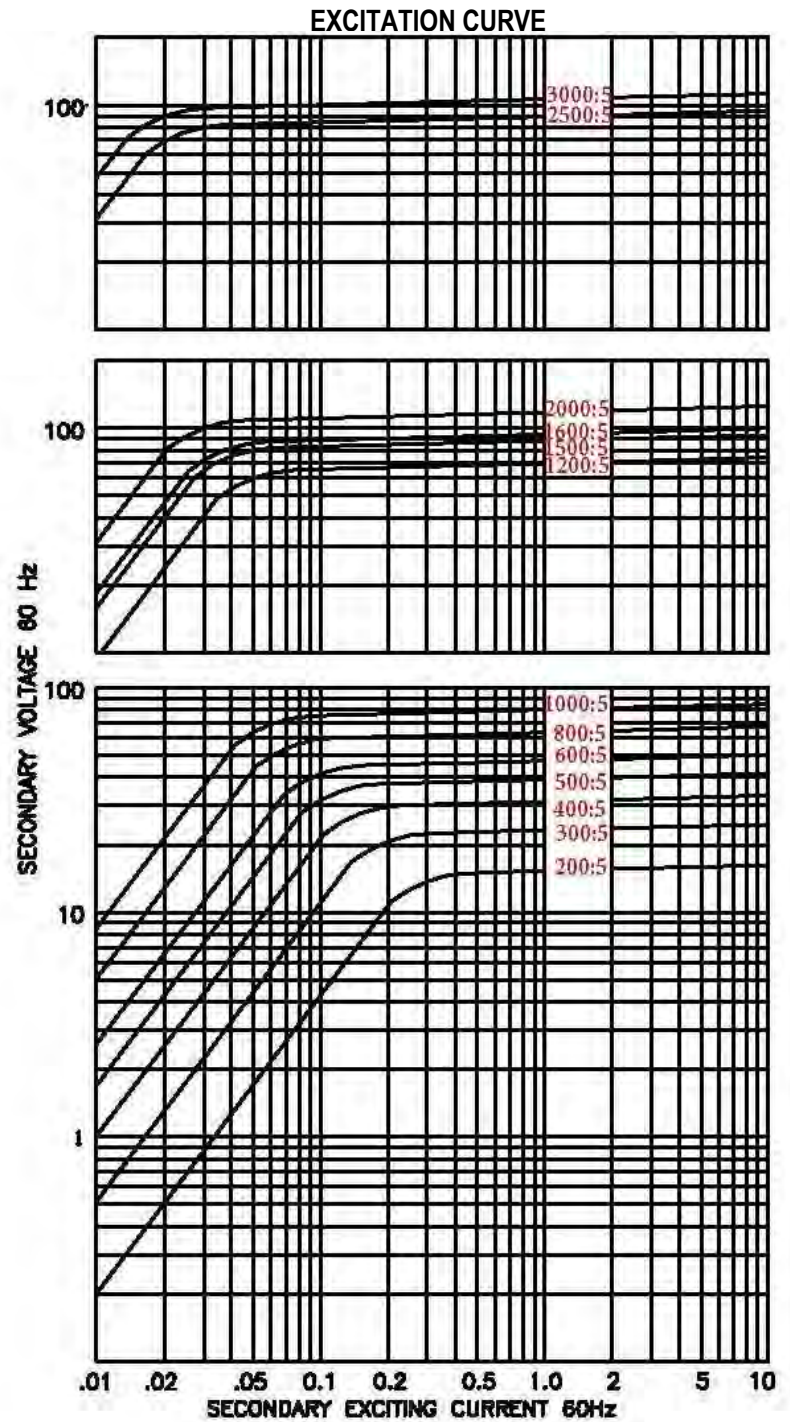
Technical drawing showing two views of a mechanical part with dimensions in inches.

Top View:

- Overall width: 5.00
- Overall height: 3.88
- Central slot width: 4.87
- Central slot depth: 2.17
- Four corner slots: (4) 0.44 X 1.00 SLOTS

Bottom View:

- Overall width: 7.00
- Overall height: 5.62
- Central circular hole diameter: 4.00
- Four corner slots: (4) 0.50 X 0.70 SLOTS
- Label: H1
- Dimension 0.69 indicates the distance from the center of the hole to the center of the corner slots.
- Dimension 0.44 indicates the width of the corner slots.
- Dimension 3.50 indicates the distance from the bottom edge to the center of the hole.



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