

W.I.C.C. Ltd
119 MULLER RD
PO Box 252
WASHINGTON IL 61571
(309)-444-4125
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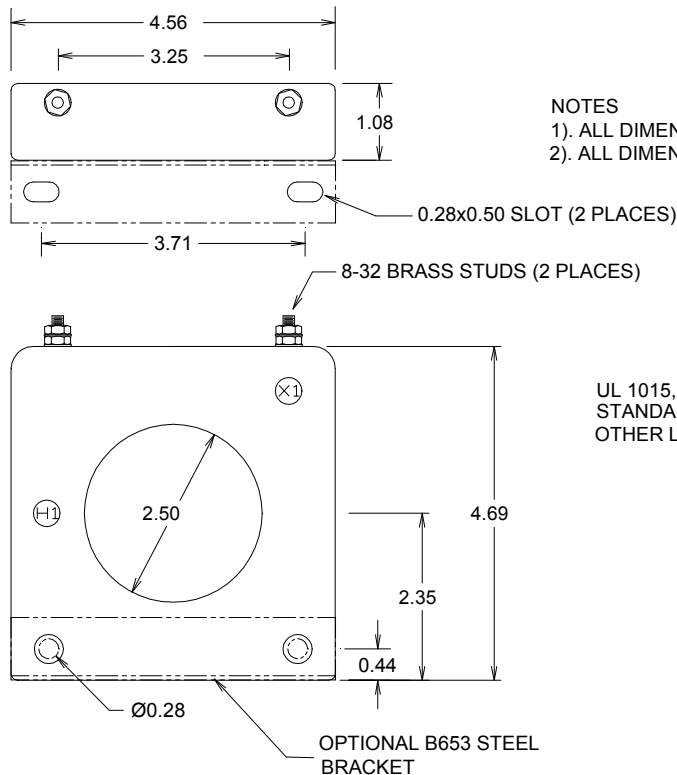
CURRENT TRANSFORMER MODEL 653X

2.50" I.D.

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REV 18DEC00

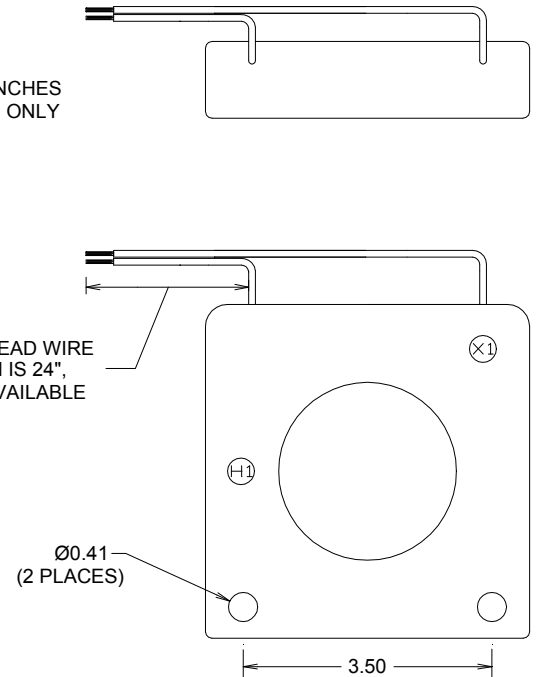
TERMINAL OPTION



NOTES

- 1). ALL DIMENSIONS IN INCHES
- 2). ALL DIMENSIONS REF ONLY

LEAD WIRE OPTION



Specifications

- ☐ Secondary sources 5 amps AC at rated F.S. primary current
- ☐ Nominal operating frequency range is 50-400HZ
- ☐ Thermal rating factor is 1.33 @ 30C for ratios up to 1250:5A, 1.15 @ 30C for ratios above 1250:5A
- ☐ Insulation voltage class is 0.6KV BIL 10KV
- ☐ For indoor applications only
- ☐ Reference documents IEEE C57.13, UL1244, CSA CAN3-C13-M83, and IEC 44-1
- ☐ Enclosure is made of glass-filled Nylon, color is black

Options, contact Factory for information

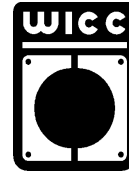
- ☐ UL and Canadian UL Recognized Component. File E100575.
- ☐ 2.0, 5.0, and 10 VAC output at F.S. primary amperage. Other non-standard ratings also available.
- ☐ 1, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available.
- ☐ 8-32 Brass Studs or #16 AWG UL 1015 Lead Wires.
- ☐ Custom lead wire lengths and types.
- ☐ Thermal ratings above 1.33 for selected ratios
- ☐ Housing with or without mounting flange (See Model 653FX for flange design).
- ☐ Center tap and custom multi tap winding arrangements

2.50" I.D.

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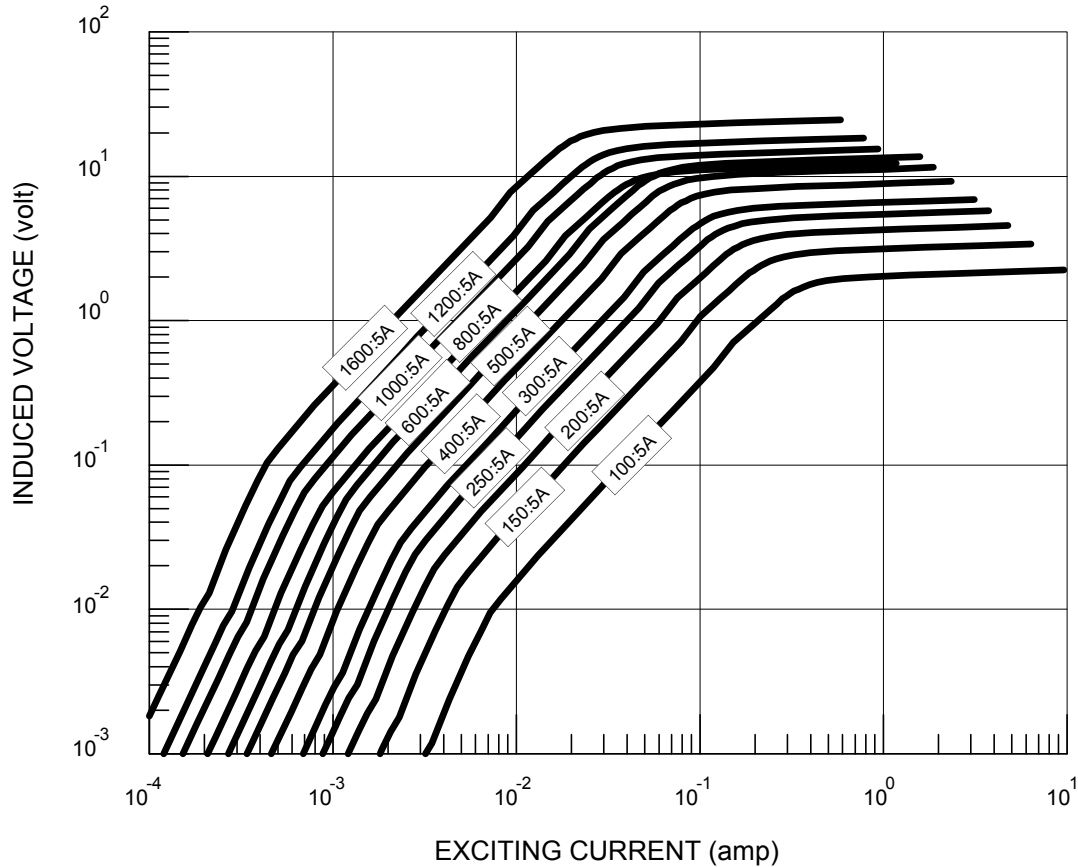
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TYPICAL EXCITATION CURVE for WICC MODEL 653X at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
653X-100-00-xxx	100:5A	2.0	2.0	0.02
653X-150-00-xxx	150:5A	1.0	2.0	0.03
653X-200-00-xxx	200:5A	1.0	4.0	0.03
653X-250-00-xxx	250:5A	1.0	7.5	0.04
653X-300-00-xxx	300:5A	1.0	10	0.05
653X-400-00-xxx	400:5A	1.0	15	0.11
653X-500-00-xxx	500:5A	1.0	30	0.13
653X-600-00-xxx	600:5A	1.0	45	0.16
653X-800-00-xxx	800:5A	1.0	35	0.19
653X-1000-00-xxx	1000:5A	1.0	50	0.23
653X-1200-00-xxx	1200:5A	1.0	60	0.28
653X-1600-00-xxx	1600:5A	1.0	80	0.38

* "xxx" describes termination: "T" FOR BRASS STUDS, "Lyyy" FOR LEAD WIRES (Where "yyy" is the lead length in inches. For example, "L24" represents 24 inch long lead wires.)