

W.I.C.C. Ltd
119 MULLER RD
PO Box 252
WASHINGTON IL 61571
(309)-444-4125
FAX (309)-444-3313

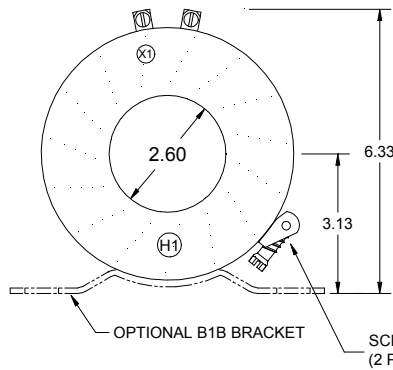
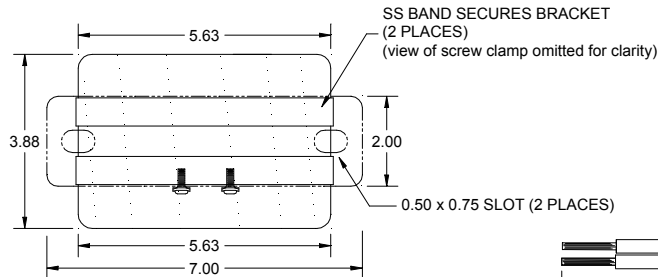
CURRENT TRANSFORMER MODEL 599

2.60" I.D.

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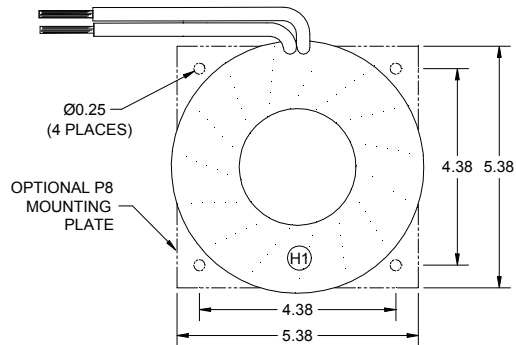
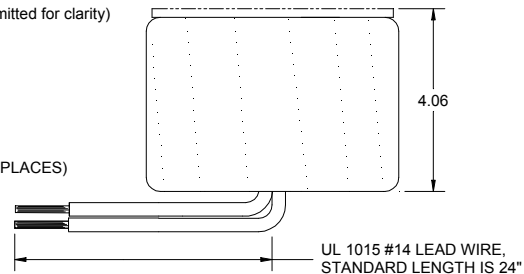
REV 04/16/99

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 2.00 @ 30C for ratios up to 1500:5A, 1.50 @ 30C for ratios above 1500:5A
- ☐ Insulation voltage class is 0.6KV BIL 10KV
- ☐ For indoor applications only
- ☐ Conforms to provisions of IEEE C57.13 and IEC 44-1
- ☐ Enclosure is multi-layer tape buildup with heavy vinyl finish, color is black
- ☐ Optional bracket is aluminum, optional plate is XX phenolic

Options, contact Factory for information

- ☐ Medium voltage insulation classes (lead wires only, physical size increases)
- ☐ 1, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- ☐ 8-32 Screw Terminals or #14 AWG UL 1015 Lead Wires
- ☐ Custom lead wire lengths and types
- ☐ Thermal ratings above 2.00 for selected ratios
- ☐ Center tap and custom multi tap winding arrangements

2.60" I.D.

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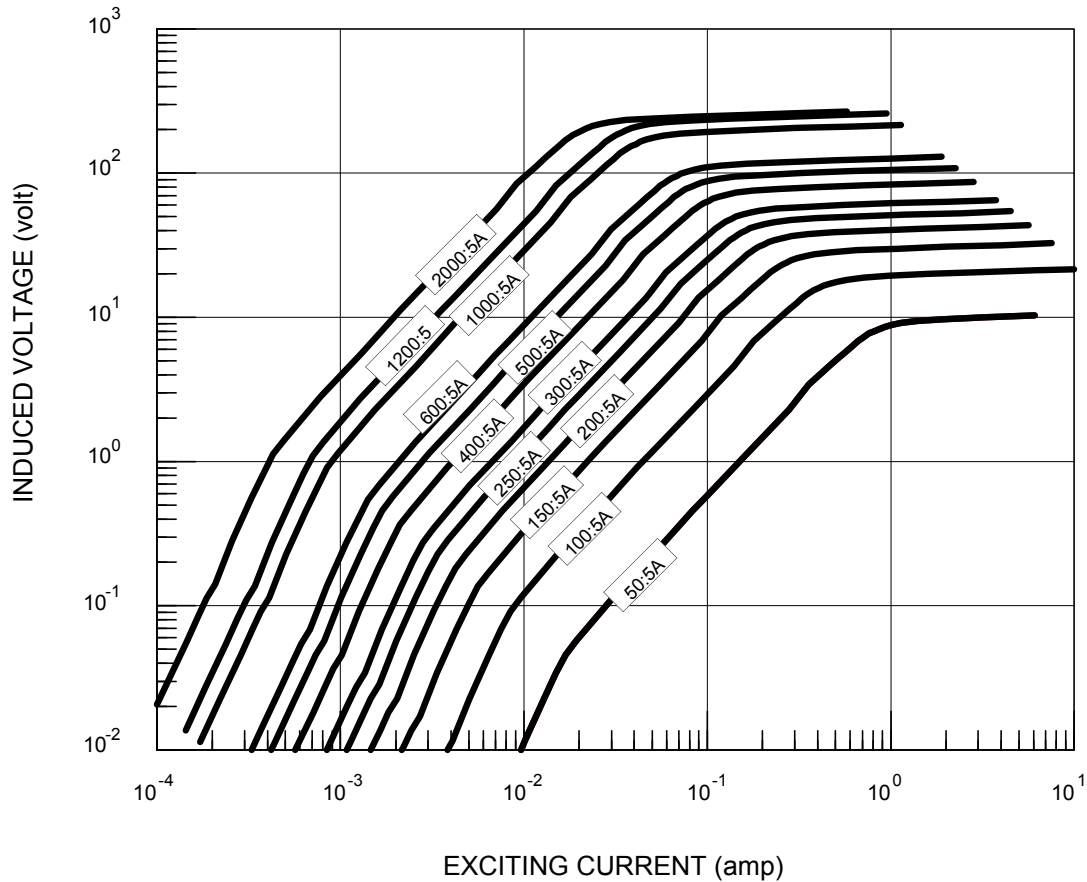
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TYPICAL EXCITATION CURVE for WICC MODEL 599 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ANSI ACCURACY CLASS @ 60HZ					RELAY CLASS	NOMINAL WINDING RESISTANCE (ohm)
		B0.1	B0.2	B0.5	B0.9	B1.8		
599-050-00-xxx	50:5A	2.4	-	-	-	-	-	0.02
599-100-00-xxx	100:5A	0.6	1.2	-	-	-	C10	0.04
599-150-00-xxx	150:5A	0.3	0.6	1.2	-	-	C20	0.06
599-200-00-xxx	200:5A	0.3	0.3	0.6	0.6	1.2	C20	0.08
599-250-00-xxx	250:5A	0.3	0.3	0.6	0.6	1.2	C20	0.13
599-300-00-xxx	300:5A	0.3	0.3	0.3	0.6	0.6	C50	0.15
599-400-00-xxx	400:5A	0.3	0.3	0.3	0.3	0.6	C50	0.21
599-500-00-xxx	500:5A	0.3	0.3	0.3	0.3	0.3	C50	0.26
599-600-00-xxx	600:5A	0.3	0.3	0.3	0.3	0.3	C100	0.31
599-1000-00-xxx	1000:5A	0.3	0.3	0.3	0.3	0.3	C100	0.52
599-1200-00-xxx	1200:5A	0.3	0.3	0.3	0.3	0.3	C200	0.62
599-2000-00-xxx	2000:5A	0.3	0.3	0.3	0.3	0.3	C200	1.15

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