

W.I.C.C. Ltd
119 MULLER RD
PO Box 252
WASHINGTON IL 61571
(309)-444-4125
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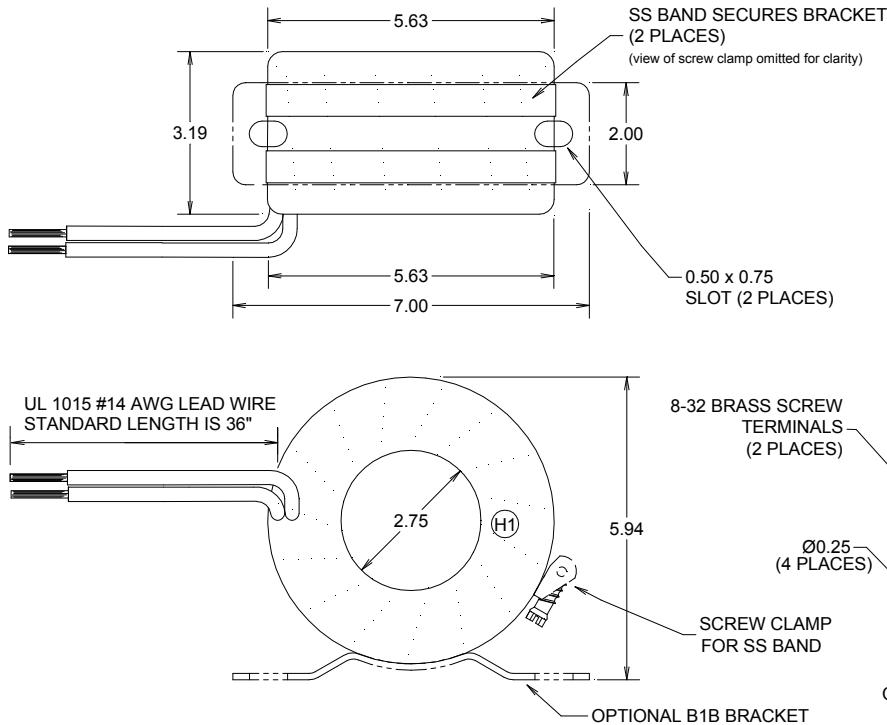
CURRENT TRANSFORMER MODEL 594

2.75" I.D.

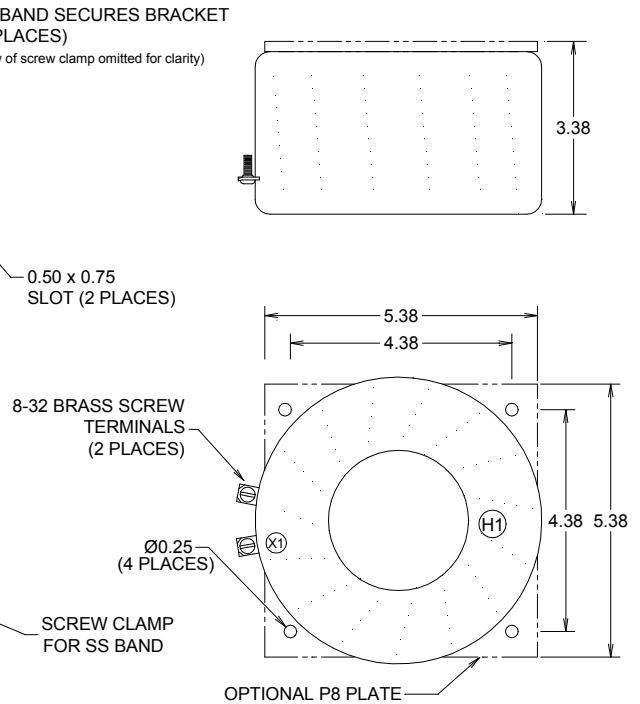
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REV 16MAR00

LEAD WIRE OPTION



TERMINAL OPTION



NOTES

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

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 1000:5A, 1.50 @ 30C for ratios above 1000:5A
- ☐ 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

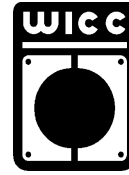
- ☐ Medium voltage insulation classes (lead wires only, physical size increases)
- ☐ 1, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- ☐ 8-32 Screw Terminals or #14 AWG UL 1015 Lead Wires
- ☐ Custom lead wire lengths and types
- ☐ Thermal ratings above 2.00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

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PAGE No

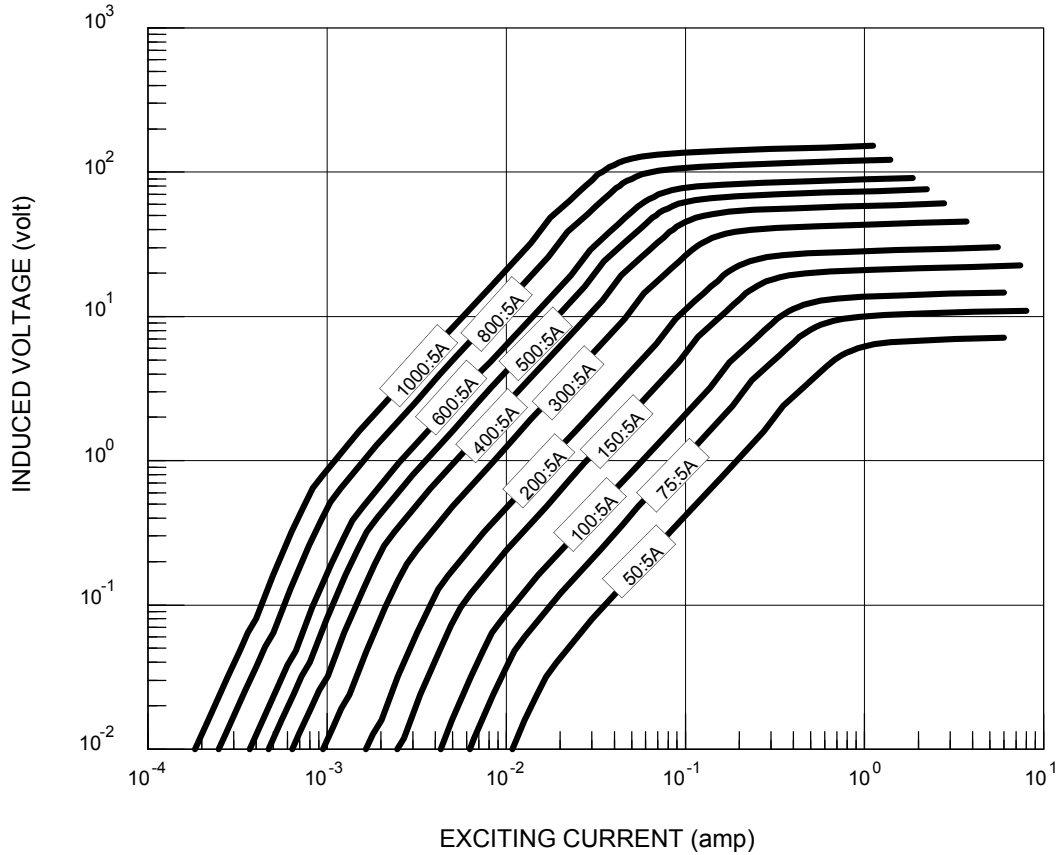
REV 29OCT99

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TYPICAL EXCITATION CURVE for WICC MODEL 594 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		
594-050-00-xxx	50:5A	2.4	-	-	-	-	-	0.02
594-075-00-xxx	75:5A	1.2	2.4	-	-	-	C10	0.03
594-100-00-xxx	100:5A	0.6	1.2	-	-	-	C10	0.04
594-150-00-xxx	150:5A	0.3	0.6	1.2	-	-	C20	0.05
594-200-00-xxx	200:5A	0.3	0.3	0.6	1.2	-	C20	0.07
594-300-00-xxx	300:5A	0.3	0.3	0.3	0.6	1.2	C20	0.10
594-400-00-xxx	400:5A	0.3	0.3	0.3	0.3	0.6	C50	0.14
594-500-00-xxx	500:5A	0.3	0.3	0.3	0.3	0.3	C50	0.21
594-600-00-xxx	600:5A	0.3	0.3	0.3	0.3	0.3	C50	0.25
594-800-00-xxx	800:5A	0.3	0.3	0.3	0.3	0.3	C100	0.33
594-1000-00-xxx	1000:5A	0.3	0.3	0.3	0.3	0.3	C100	0.52

* "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.)