

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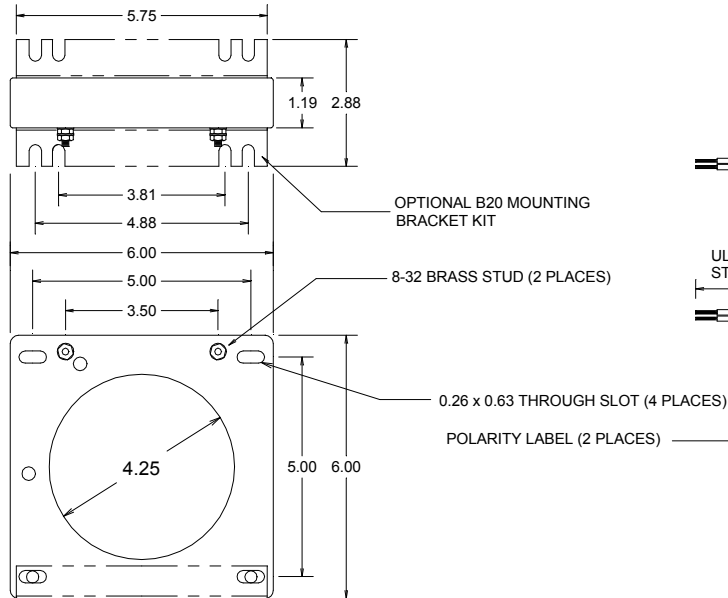
CURRENT TRANSFORMER MODEL ND

4.25" I.D.

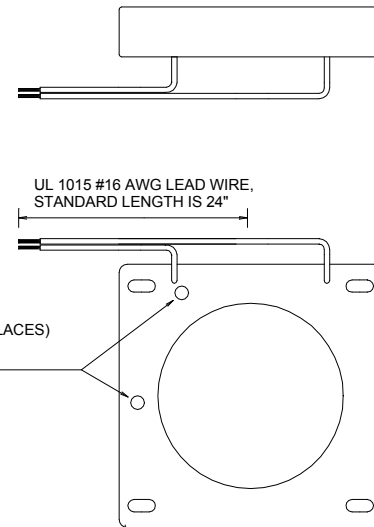
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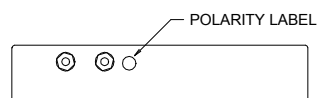
SIDE TERMINAL OPTION



LEAD WIRE OPTION



TOP 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 1.33 @ 30C for ratios up to 4250:5A, 1.15 @ 30C for ratios of 4250:5A and above
- ☐ 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 made of glass-filled Nylon, color is black
- ☐ Optional bracket is steel

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 current. Other non-standard ratings also available
- ☐ 1, 0.2, and 0.1 A output at F.S. primary current. Other non-standard ratings also available
- ☐ 8-32 Brass Stud Terminals or #16 AWG UL 1015 Lead Wires. Choice of stud location
- ☐ Custom lead wire lengths and types
- ☐ Thermal ratings above 1.33 for selected ratios
- ☐ Available with B20 bracket kit. See Bracket Data Section for dimensions
- ☐ Center tap and custom multi tap winding arrangements

4.25" I.D.

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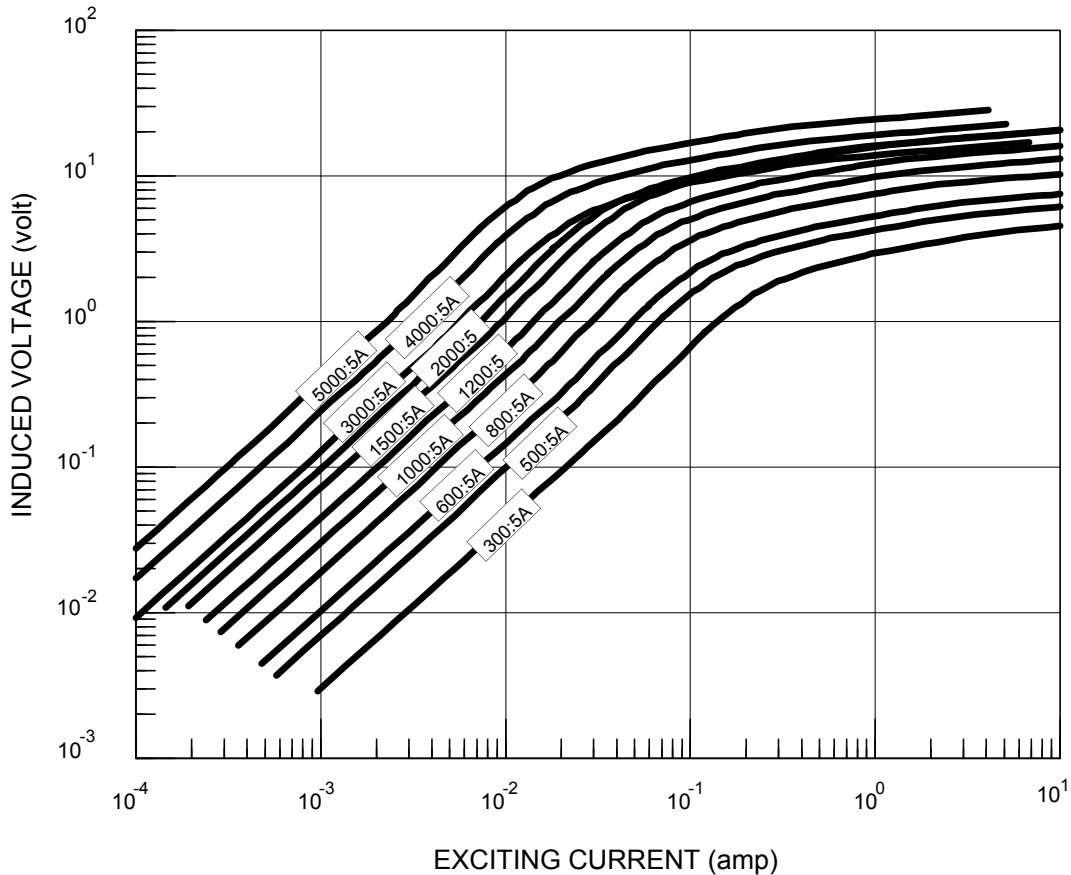
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CURRENT TRANSFORMER MODEL ND



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TYPICAL EXCITATION CURVE for WICC MODEL ND at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 50HZ		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
ND-300-00-xxx	300:5A	1.5	2.0	0.07
ND-500-00-xxx	500:5A	1.0	2.5	0.11
ND-600-00-xxx	600:5A	1.0	4.0	0.14
ND-800-00-xxx	800:5A	1.0	8.5	0.18
ND-1000-00-xxx	1000:5A	1.0	15	0.22
ND-1200-00-xxx	1200:5A	1.0	20	0.27
ND-1500-00-xxx	1500:5A	1.0	25	0.33
ND-1600-00-xxx	1600:5A	1.0	30	0.36
ND-2000-00-xxx	2000:5A	1.0	25	0.41
ND-2500-00-xxx	2500:5A	1.0	25	0.52
ND-3000-00-xxx	3000:5A	1.0	20	0.54
ND-4000-00-xxx	4000:5A	1.0	25	0.76
ND-5000-00-xxx	5000:5A	1.0	30	1.2

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