

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

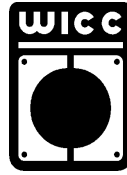
Toroidal Current Transformers...

Traditional, window type current transformer for measuring 50-400HZ currents of 10A to 15000A with secondaries of .1A, 1A, and 5A (special secondary currents are available). W.I.C.C. manufactures toroidal designs having inside diameters of up to 8.00". Many models are available as U.L. Recognized devices.

Typical applications include UPS systems, transfer switches, motor-generator sets, commercial sub-metering, and motor-drive systems.

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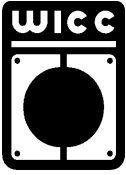
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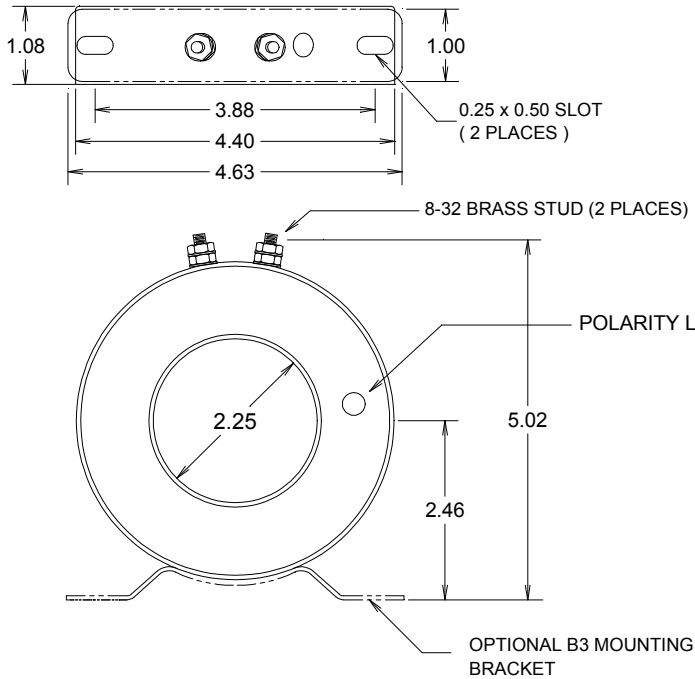
CURRENT TRANSFORMER MODEL A

2.25" I.D.

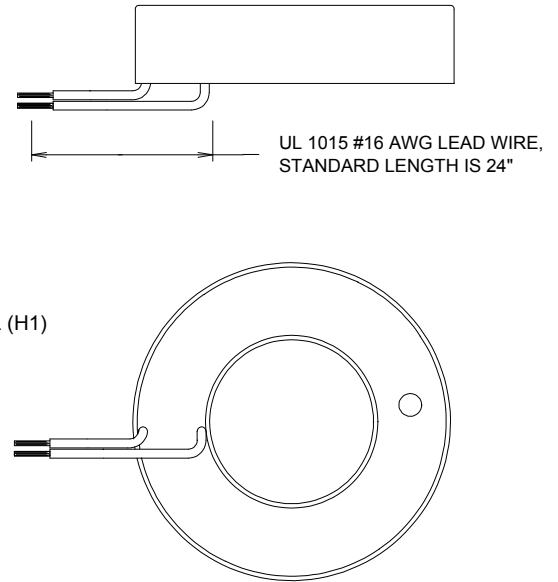
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REV 14DEC00

TERMINAL OPTION



LEAD WIRE OPTION



NOTE:
 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 1500:5A, 1.15 @ 30C for ratios above 1500:5A
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL 1244, and IEC 44-1
- Enclosure is glass-filled nylon, color is black
- Optional bracket is aluminum

Options, contact Factory for information

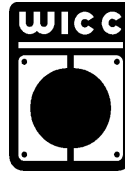
- UL and Canadian UL Recognized Component. File E100575
- 2.0, 5.0, and 10 VAC output at F.S. primary amperage. Other non-standard ratings also available.
- 1.0, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 Brass Stud Terminals or #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios.
- Available with B1 and B31 brackets. See Bracket Data Section for dimensions.
- Center tap and custom multi tap winding arrangements

2.25" I.D.

CURRENT TRANSFORMER
MODEL A

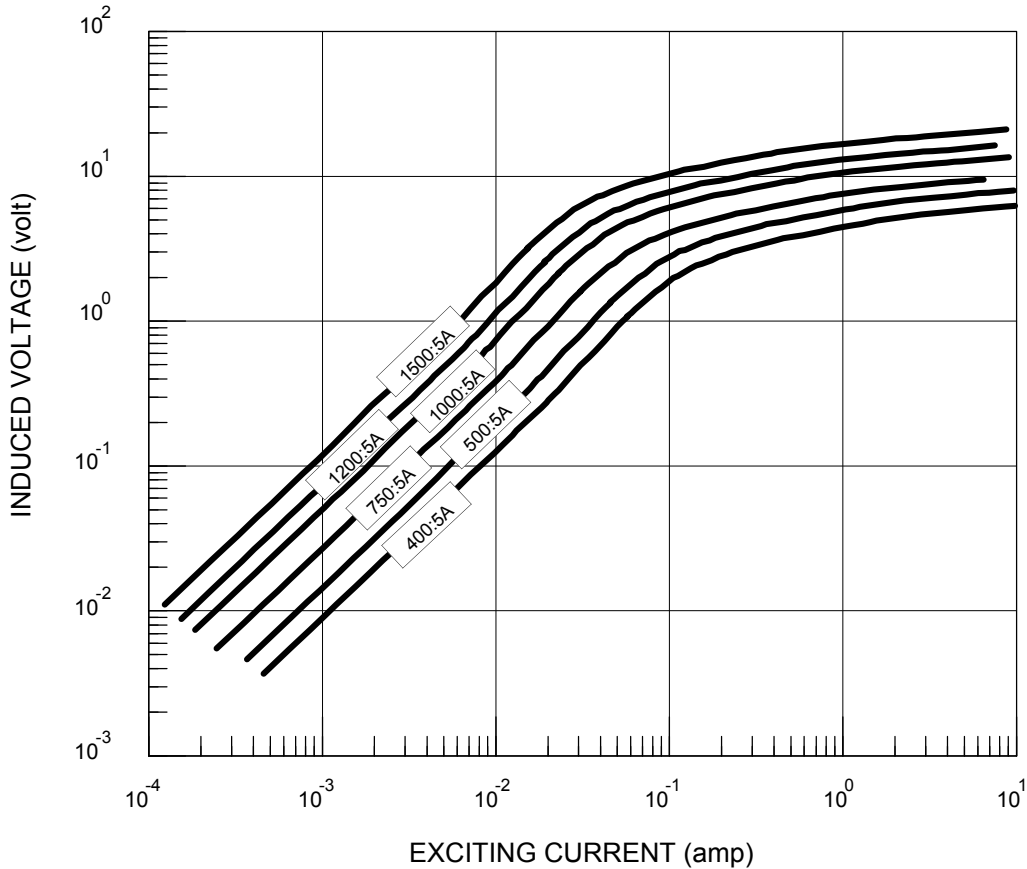
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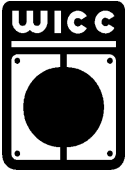
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TYPICAL EXCITATION CURVE for WICC MODEL A at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
A-200-00-xxx	200:5A	1.0	2.0	0.02
A-250-00-xxx	250:5A	1.0	3.0	0.05
A-300-00-xxx	300:5A	1.0	4.5	0.06
A-400-00-xxx	400:5A	1.0	4.0	0.11
A-500-00-xxx	500:5A	1.0	6.5	0.13
A-600-00-xxx	600:5A	1.0	7.5	0.15
A-750-00-xxx	750:5A	1.0	12.5	0.18
A-800-00-xxx	800:5A	1.0	12.5	0.20
A-1000-00-xxx	1000:5A	1.0	17.5	0.25
A-1200-00-xxx	1200:5A	1.0	22	0.30
A-1500-00-xxx	1500:5A	1.0	30	0.39

* "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.)



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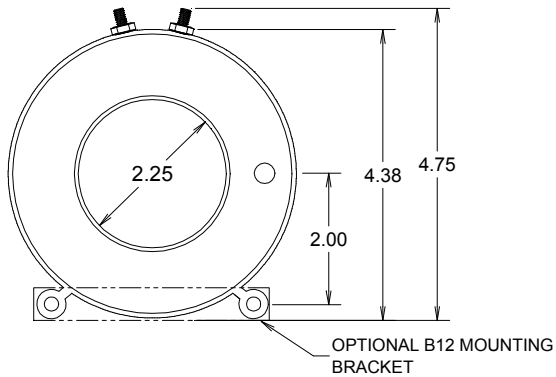
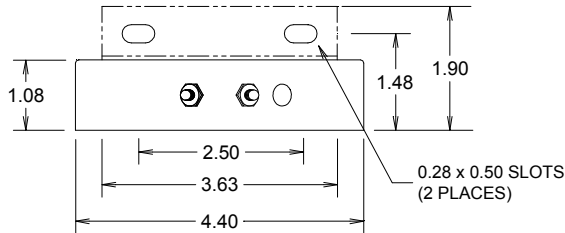
CURRENT TRANSFORMER MODEL AA

2.25" I.D.

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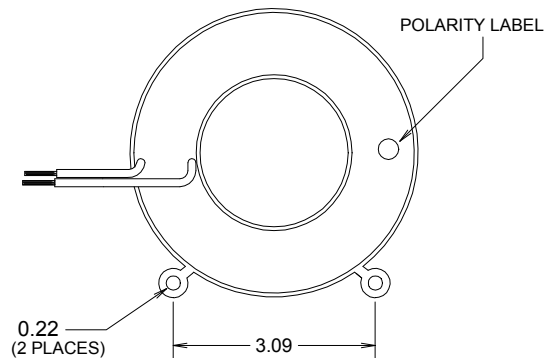
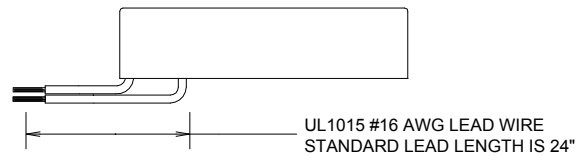
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TERMINAL OPTION



NOTE:
 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 1500:5A, 1.15 @ 30C for ratios above 1500:5A
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL 1244, and IEC 44-1
- Enclosure is glass-filled nylon, color is black
- Optional bracket is steel with black oxide finish

Options, contact Factory for information

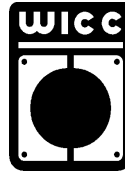
- UL and Canadian UL Recognized Component. File E100575
- 2.0, 5.0, and 10 VAC output at F.S. primary amperage. Other non-standard ratings also available
- 1.0, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 Brass Stud Terminals or #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios
- Center tap and custom multi tap winding arrangements

2.25" I.D.

CURRENT TRANSFORMER
MODEL AA

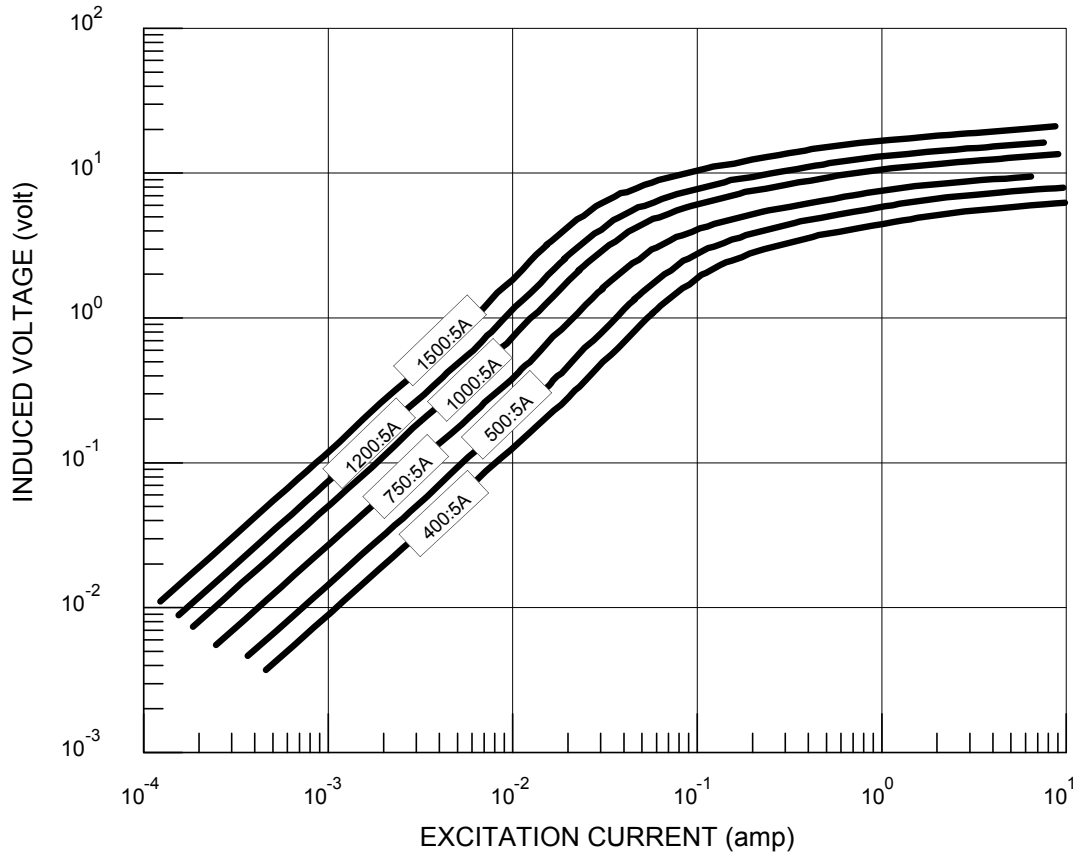
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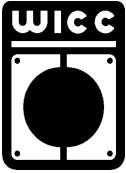
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TYPICAL EXCITATION CURVE FOR WICC MODEL AA at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
AA-200-00-xxx	200:5A	1.0	2.0	0.02
AA-250-00-xxx	250:5A	1.0	3.0	0.05
AA-300-00-xxx	300:5A	1.0	4.5	0.06
AA-400-00-xxx	400:5A	1.0	4.0	0.11
AA-500-00-xxx	500:5A	1.0	6.5	0.13
AA-600-00-xxx	600:5A	1.0	7.5	0.15
AA-750-00-xxx	750:5A	1.0	12.5	0.18
AA-800-00-xxx	800:5A	1.0	12.5	0.20
AA-1000-00-xxx	1000:5A	1.0	17.5	0.25
AA-1200-00-xxx	1200:5A	1.0	22	0.30
AA-1500-00-xxx	1500:5A	1.0	30	0.39

* "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.)



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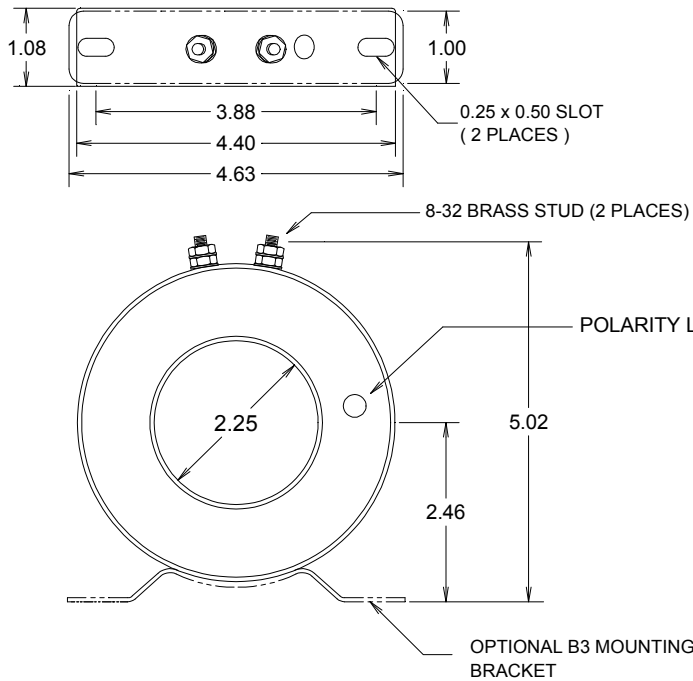
CURRENT TRANSFORMER MODEL AX

2.25" I.D.

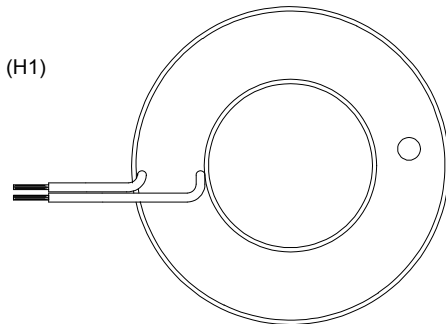
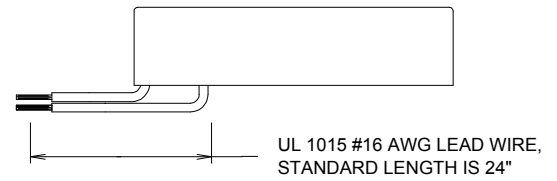
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TERMINAL OPTION



LEAD WIRE OPTION



NOTE:
 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 all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL 1244, and IEC 44-1
- Enclosure is glass-filled nylon, color is black
- Optional bracket is aluminum

Options, contact Factory for information

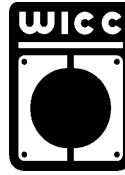
- UL and Canadian UL Recognized Component. File E100575
- 2.0, 5.0, and 10 VAC output at F.S. primary amperage. Other non-standard ratings also available.
- 1.0, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 Brass Stud Terminals or #18 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios.
- Available with B1 and B31 brackets. See Bracket Data Section for dimensions.
- Center tap and custom multi tap winding arrangements

2.25" I.D.

CURRENT TRANSFORMER
MODEL AX

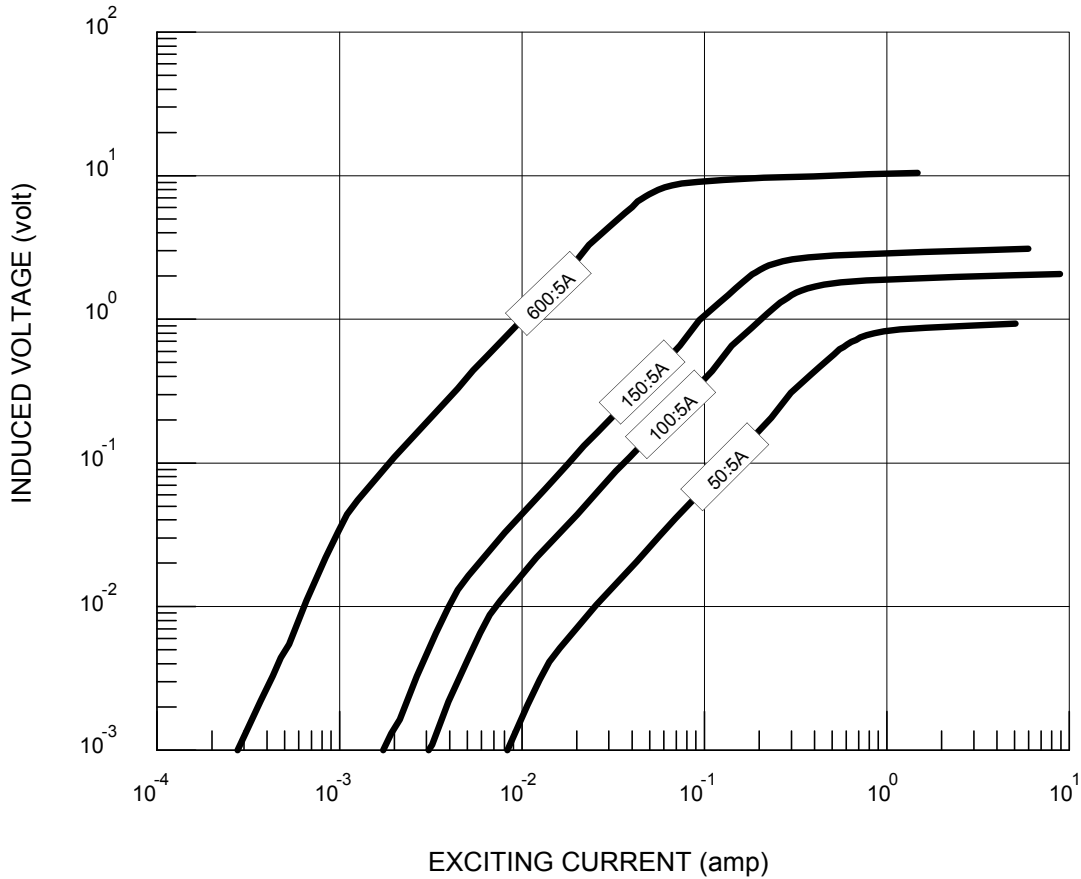
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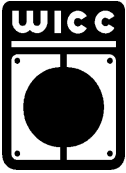
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TYPICAL EXCITATION CURVE for WICC MODEL AX at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
AX-050-00-xxx	50:5A	5.0	1.0	0.01
AX-100-00-xxx	100:5A	2.0	2.0	0.02
AX-150-00-xxx	150:5A	1.5	2.0	0.04
AX-600-00-xxx	600:5A	1.0	30	0.14

* "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.)



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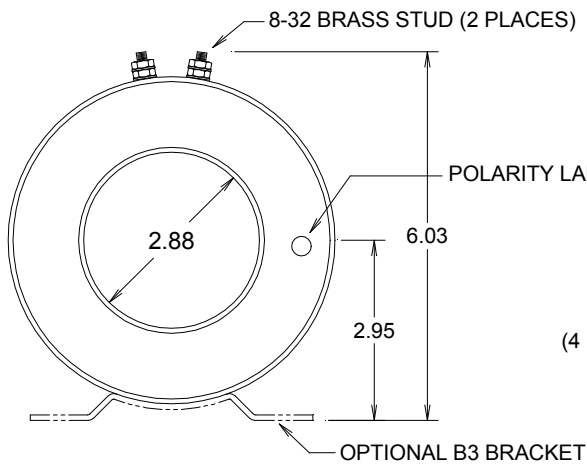
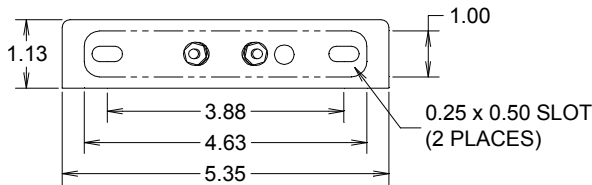
CURRENT TRANSFORMER MODEL C

2.88" I.D.

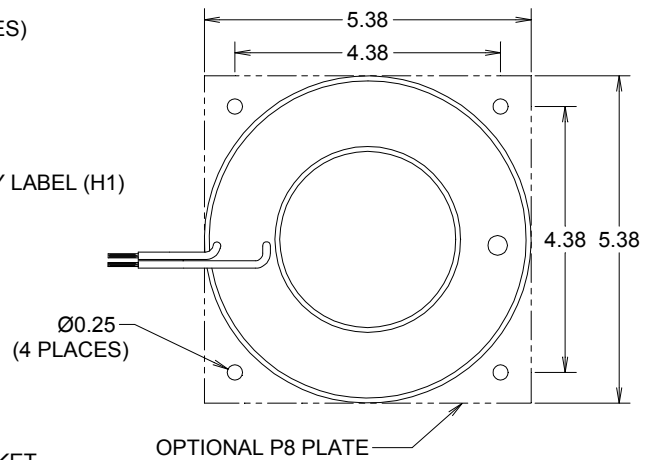
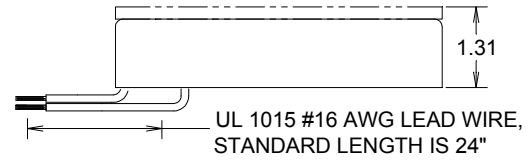
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REV 14DEC00

TERMINAL OPTION



LEAD WIRE 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 1600:5A, 1.15 @ 30C for ratios above 1600:5A
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, and IEC 44-1
- Enclosure is glass-filled nylon, color is black
- Optional plate is XX phenolic, optional bracket is aluminum

Options, contact Factory for information

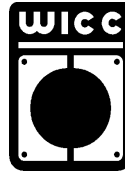
- UL and Canadian UL Recognized Component. File E100575
- 2.0, 5.0, and 10 VAC output at F.S. primary amperage. Other non-standard ratings also available.
- 1, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 Brass Stud Terminals or #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios.
- Available with B1 and B31 brackets. See Bracket Data Section for dimensions.
- Available with B54 bracket when ratio is above 500:5A. See Bracket Data Section for dimensions.
- Center tap and custom multi tap winding arrangements

2.88" I.D.

CURRENT TRANSFORMER
MODEL C

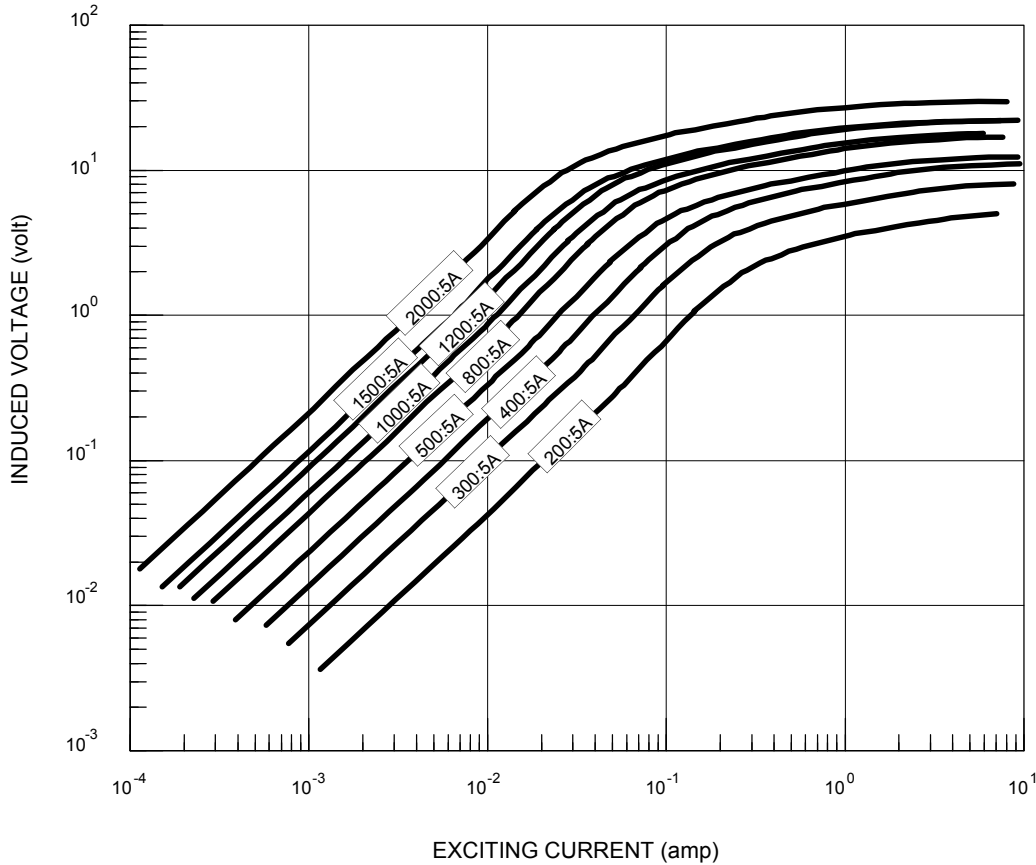
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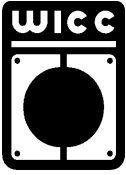
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TYPICAL EXCITATION CURVE for WICC MODEL C at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
C-200-00-xxx	200:5A	1.5	2.0	0.06
C-250-00-xxx	250:5A	1.0	2.0	0.08
C-300-00-xxx	300:5A	1.0	3.0	0.09
C-400-00-xxx	400:5A	1.0	7.0	0.12
C-500-00-xxx	500:5A	1.0	10	0.14
C-600-00-xxx	600:5A	1.0	12	0.15
C-800-00-xxx	800:5A	1.0	20	0.20
C-1000-00-xxx	1000:5A	1.0	25	0.25
C-1200-00-xxx	1200:5A	1.0	30	0.30
C-1500-00-xxx	1500:5A	1.0	35	0.40
C-1600-00-xxx	1600:5A	1.0	30	0.43
C-1800-00-xxx	1800:5A	1.0	30	0.50
C-2000-00-xxx	2000:5A	1.0	35	0.60

* "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.)



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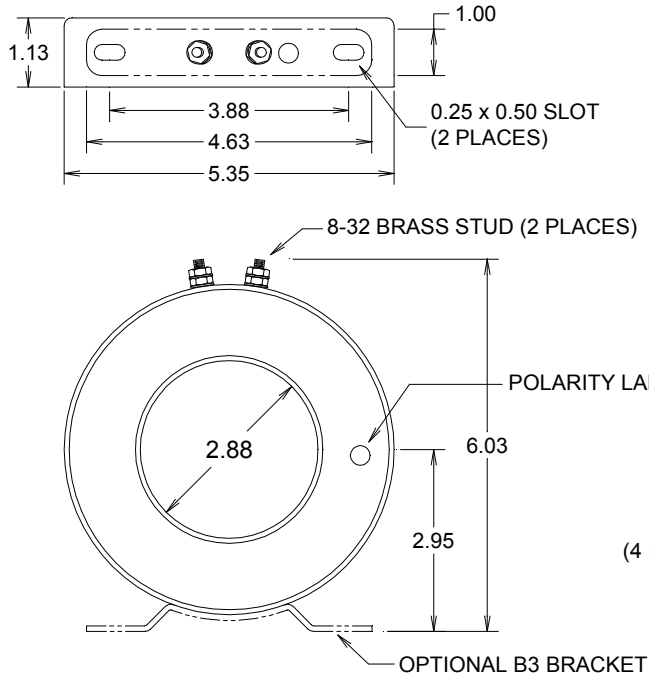
CURRENT TRANSFORMER MODEL CX

2.88" I.D.

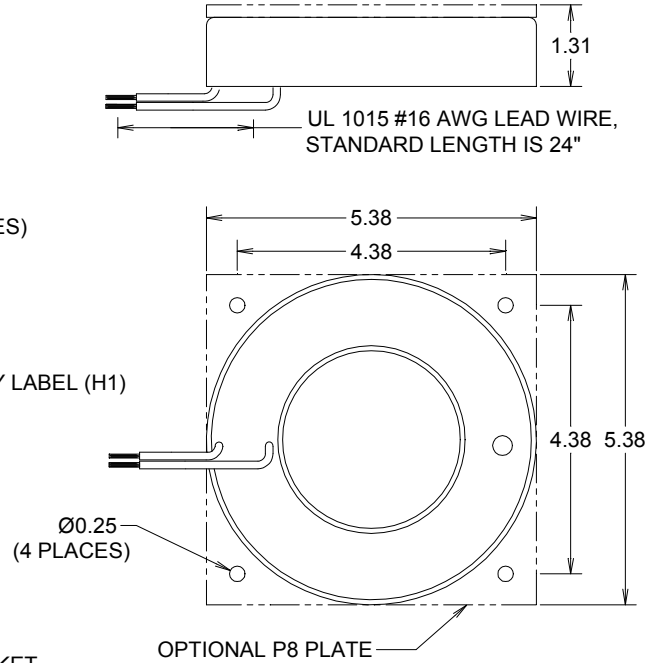
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TERMINAL OPTION



LEAD WIRE OPTION



NOTES

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

Specifications

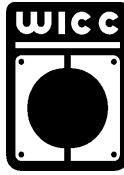
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, and IEC 44-1
- Enclosure is glass-filled nylon, color is black
- Optional plate is XX phenolic, optional bracket is aluminum

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 Stud Terminals or #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios.
- Available with B1 and B31 brackets. See Bracket Data Section for dimensions.
- Available with B54 bracket when ratio is above 500:5A. See Bracket Data Section for dimensions.
- Center tap and custom multi tap winding arrangements

2.88" I.D.

CURRENT TRANSFORMER MODEL CX

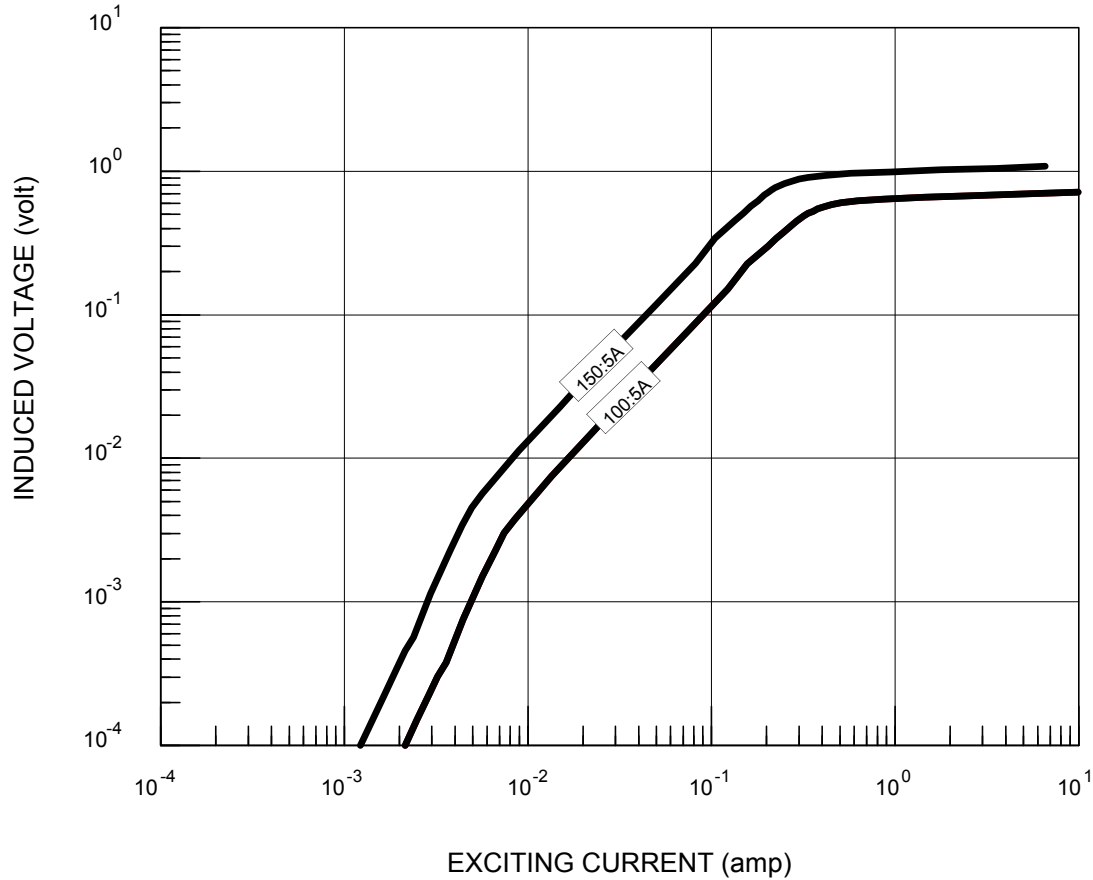


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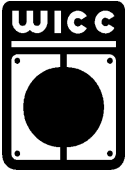
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TYPICAL EXCITATION CURVE for WICC MODEL CX at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
CX-100-00-xxx	100:5A	5.0	2.0	0.01
CX-150-00-xxx	150:5A	2.5	2.0	0.02

* "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.)



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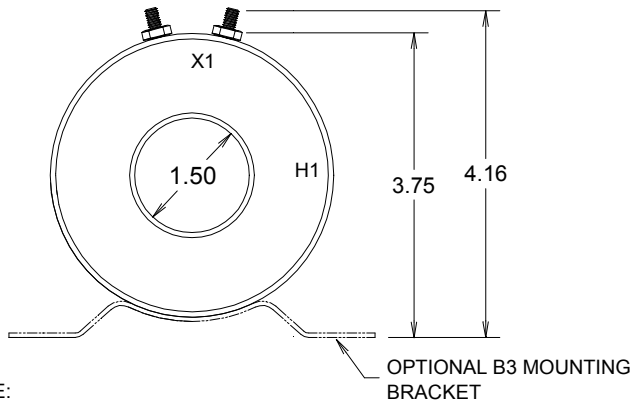
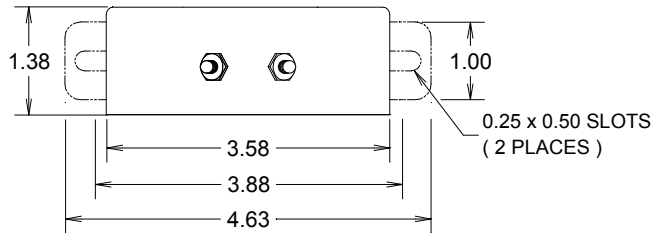
CURRENT TRANSFORMER MODEL D

1.50" I.D.

PAGE No 1-12

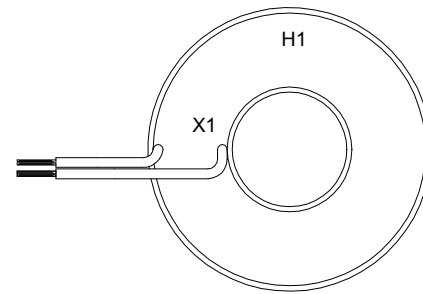
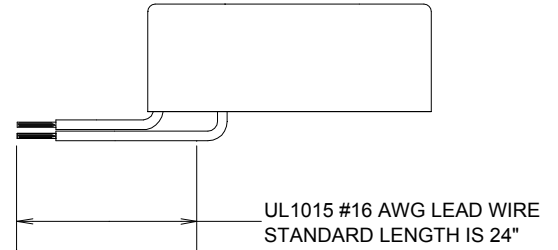
REV 14DEC00

TERMINAL OPTION



NOTE:
 1) ALL DIMENSIONS IN INCHES
 2) ALL DIMENSIONS REF ONLY

LEAD WIRE OPTION



Specifications

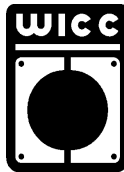
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, and IEC 44-1
- Enclosure is glass-filled nylon, color is black
- Optional bracket is aluminum

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, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 Brass Stud Terminals or #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios.
- Available with B3 bracket. See Bracket Data Section for dimensions.
- Center tap and custom multi tap winding arrangements

1.50" I.D.

CURRENT TRANSFORMER
MODEL D

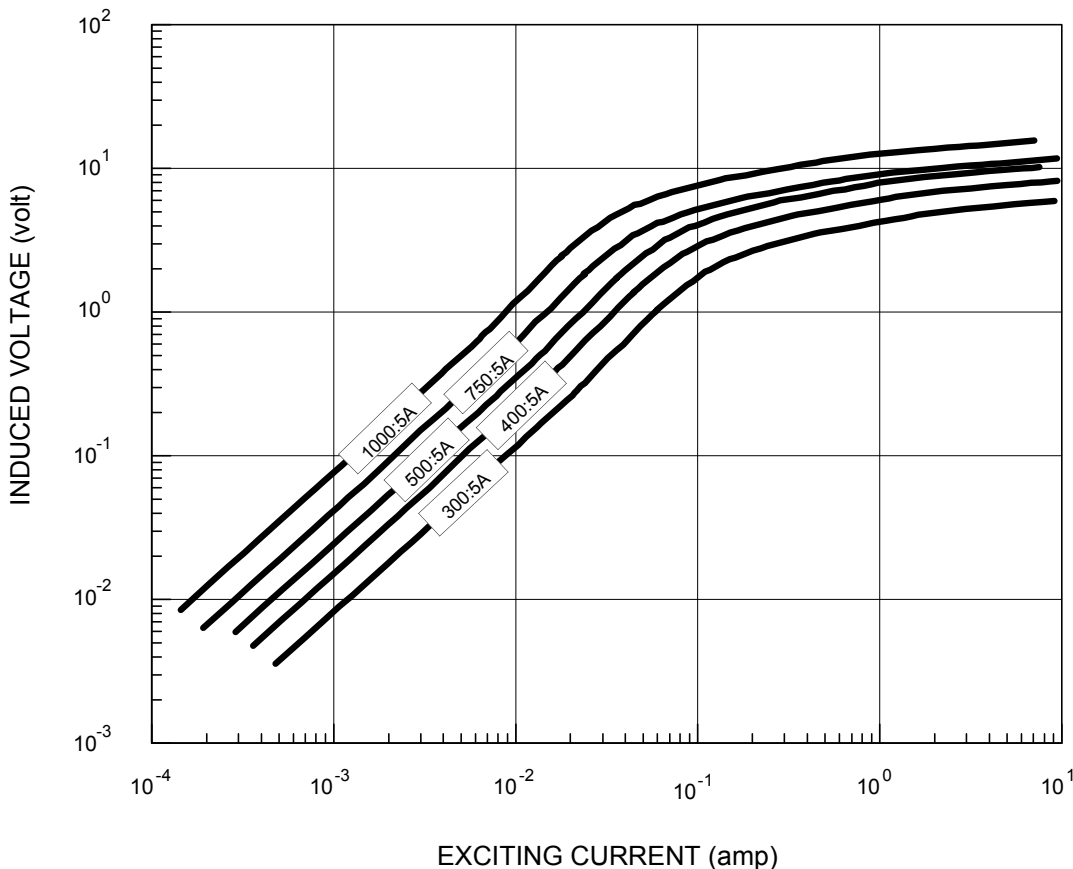


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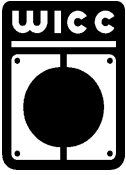
REV 14DEC00

TYPICAL EXCITATION CURVE for WICC MODEL D at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
D-300-00-xxx	300:5A	1.0	5.0	0.08
D-400-00-xxx	400:5A	1.0	7.5	0.10
D-500-00-xxx	500:5A	1.0	12.5	0.13
D-750-00-xxx	750:5A	1.0	15	0.18
D-800-00-xxx	800:5A	1.0	17.5	0.19
D-1000-00-xxx	1000:5A	1.0	20	0.24
D-1200-00-xxx	1200:5A	1.0	20	0.27

* "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.)



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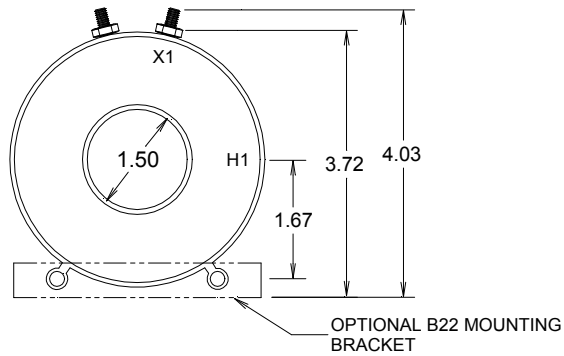
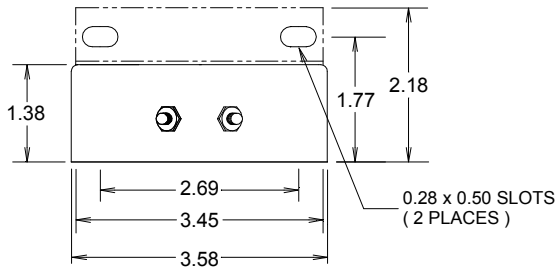
CURRENT TRANSFORMER MODEL DE

1.50" I.D.

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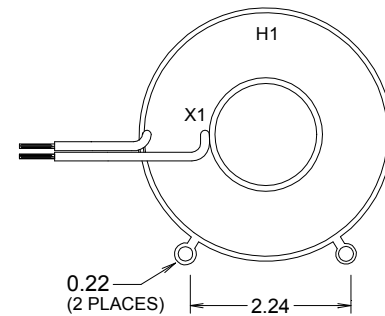
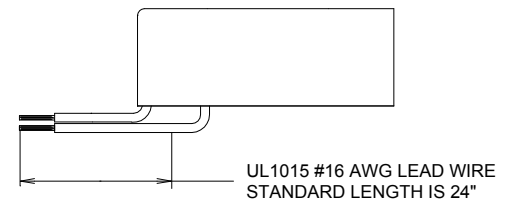
REV 14DEC00

TERMINAL OPTION



NOTE:
 1) ALL DIMENSIONS IN INCHES
 2) ALL DIMENSIONS REF ONLY

LEAD WIRE OPTION



Specifications

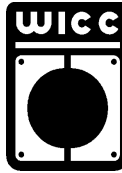
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, and IEC 44-1
- Enclosure is glass-filled nylon, color is black
- Optional bracket is steel with black oxide finish

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, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 Brass Stud Terminals or #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios
- Center tap and custom multi tap winding arrangements

1.50" I.D.

CURRENT TRANSFORMER
MODEL DE

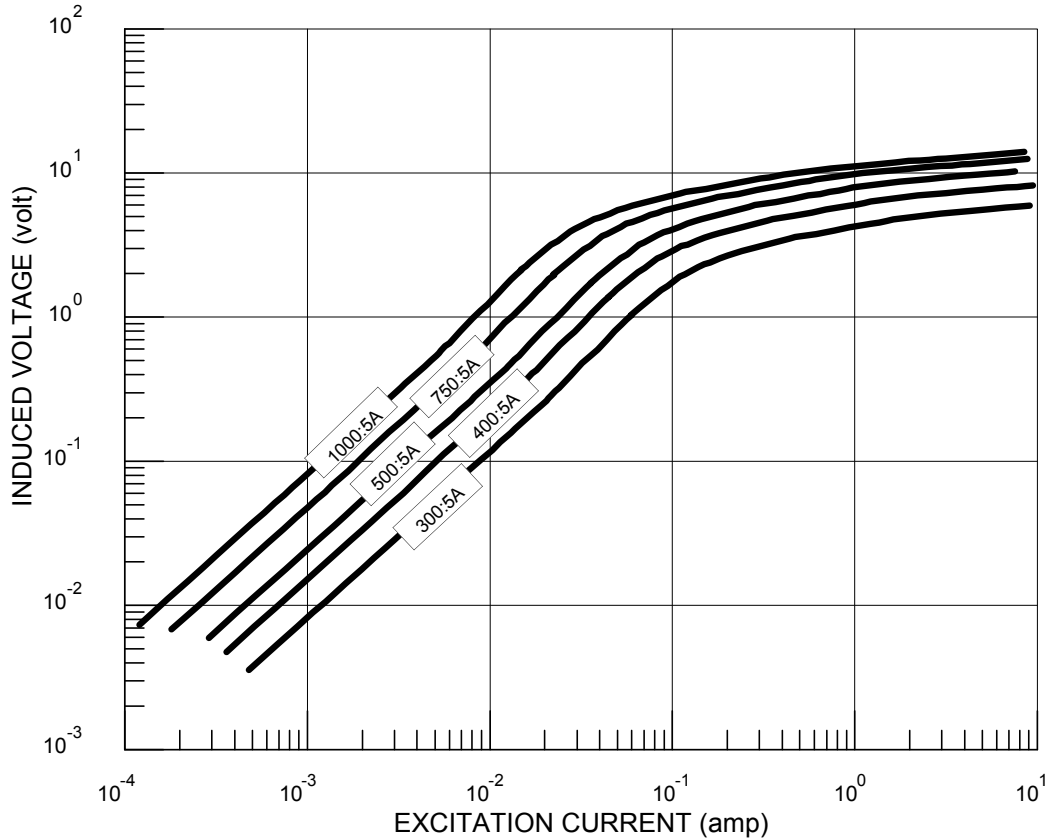


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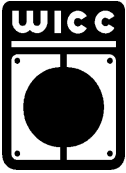
REV 14DEC00

TYPICAL EXCITATION CURVES FOR WICC MODEL DE at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
DE-300-00-xxx	300:5A	1.0	5.0	0.08
DE-400-00-xxx	400:5A	1.0	7.5	0.10
DE-500-00-xxx	500:5A	1.0	12.5	0.13
DE-750-00-xxx	750:5A	1.0	15	0.18
DE-800-00-xxx	800:5A	1.0	17.5	0.19
DE-1000-00-xxx	1000:5A	1.0	20	0.24
DE-1200-00-xxx	1200:5A	1.0	20	0.27

* "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.)



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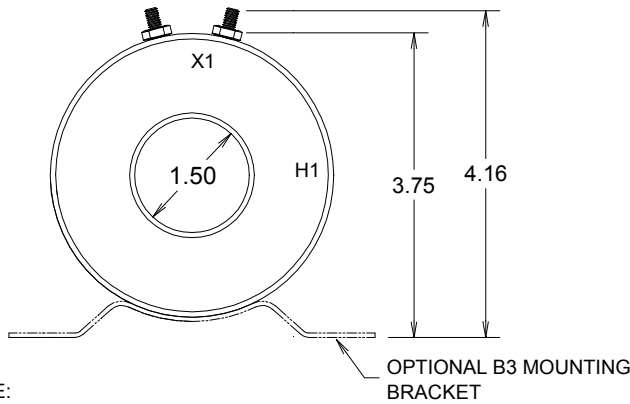
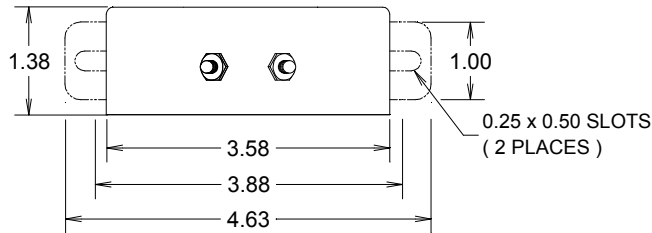
CURRENT TRANSFORMER MODEL DX

1.50" I.D.

PAGE No 1-16

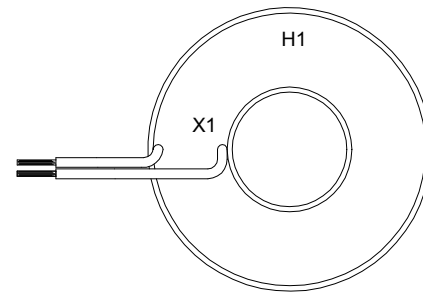
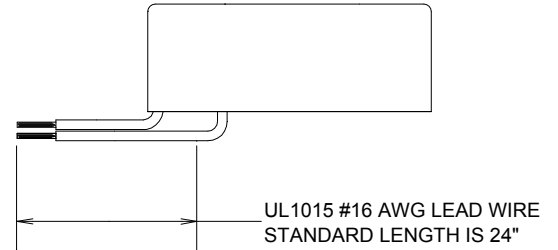
REV 14DEC00

TERMINAL OPTION



NOTE:
 1) ALL DIMENSIONS IN INCHES
 2) ALL DIMENSIONS REF ONLY

LEAD WIRE OPTION



Specifications

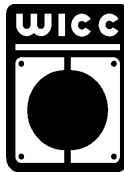
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, and IEC 44-1
- Enclosure is glass-filled nylon, color is black
- Optional bracket is aluminum

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, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 Brass Stud Terminals or #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios.
- Available with B3 bracket. See Bracket Data Section for dimensions.
- Center tap and custom multi tap winding arrangements

1.50" I.D.

CURRENT TRANSFORMER
MODEL DX

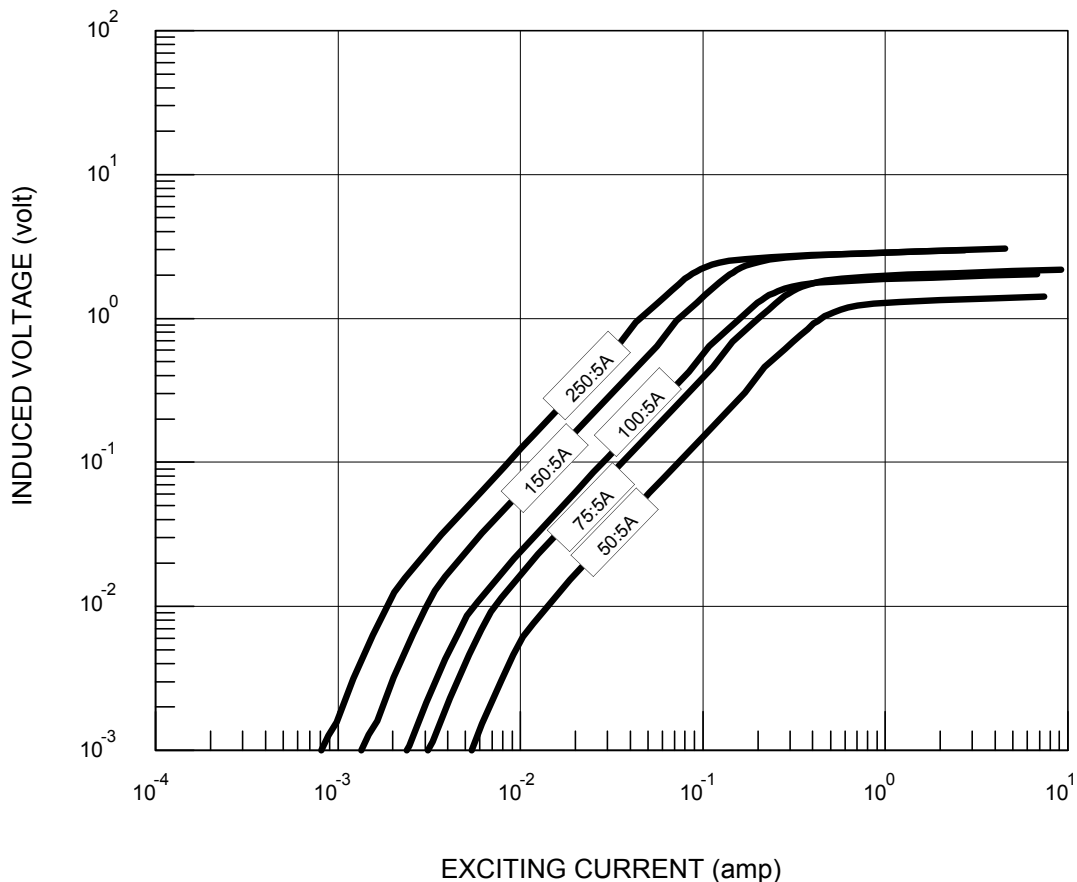


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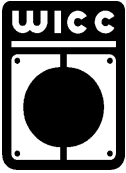
REV 14DEC00

TYPICAL EXCITATION CURVE for WICC MODEL DX at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
DX-050-00-xxx	50:5A	3.0	1.5	0.01
DX-075-00-xxx	75:5A	2.0	2.5	0.01
DX-100-00-xxx	100:5A	1.5	2.5	0.02
DX-150-00-xxx	150:5A	1.0	2.5	0.03
DX-200-00-xxx	200:5A	1.0	4.0	0.05
DX-250-00-xxx	250:5A	1.0	5.0	0.06

* "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.)



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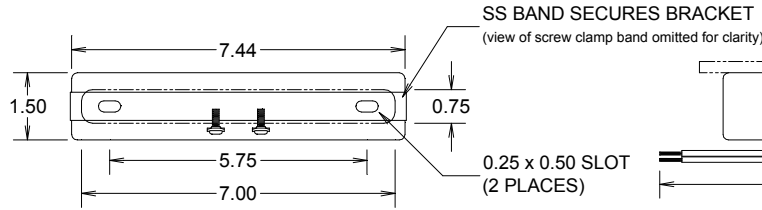
CURRENT TRANSFORMER MODEL E

5.00" I.D.

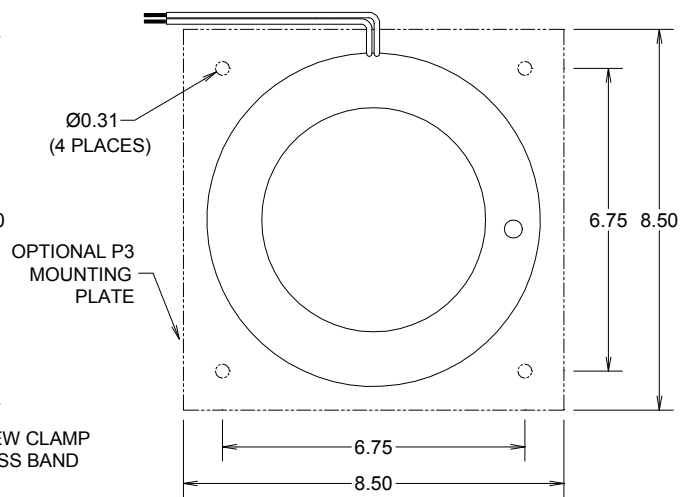
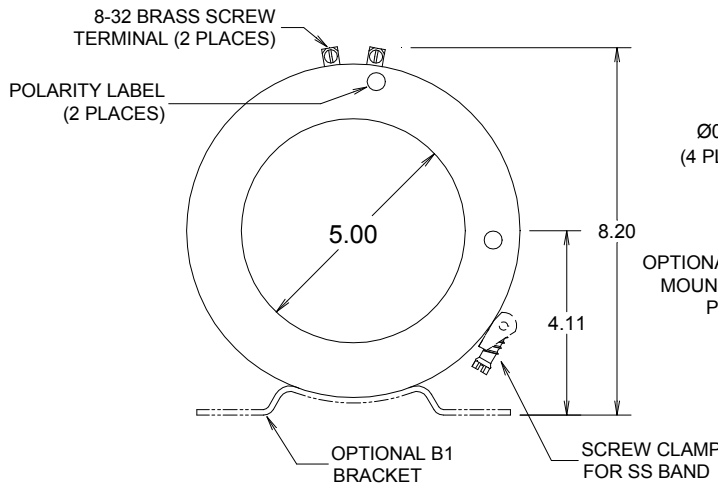
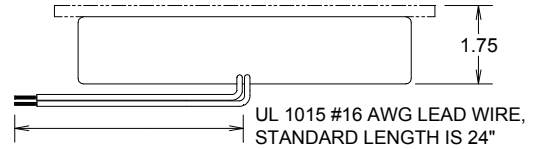
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REV 14DEC00

TERMINAL OPTION



LEAD WIRE OPTION



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

Specifications

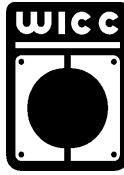
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for ratios up thru 5000:5A, 1.15 @ 30C for ratios above 5000:5A
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, 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 #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios
- Center tap and custom multi tap winding arrangements

5.00" I.D.

CURRENT TRANSFORMER
MODEL E

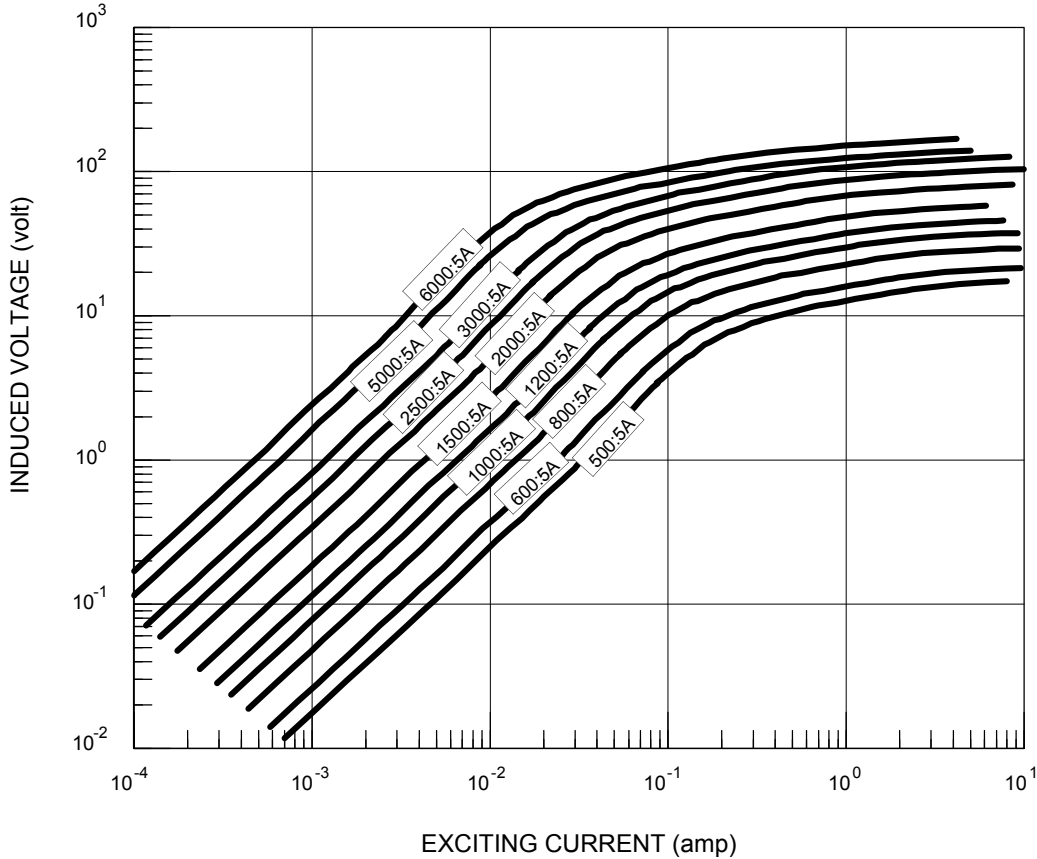


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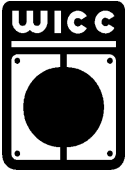
REV 14DEC00

TYPICAL EXCITATION CURVE for WICC MODEL E at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
E-500-00-xxx	500:5A	1.0	8.5	0.17
E-600-00-xxx	600:5A	1.0	12.5	0.21
E-800-00-xxx	800:5A	1.0	25	0.28
E-1000-00-xxx	1000:5A	1.0	40	0.35
E-1200-00-xxx	1200:5A	1.0	60	0.41
E-1500-00-xxx	1500:5A	1.0	80	0.52
E-1600-00-xxx	1600:5A	1.0	85	0.55
E-2000-00-xxx	2000:5A	1.0	95	0.70
E-2500-00-xxx	2500:5A	1.0	135	0.90
E-3000-00-xxx	3000:5A	1.0	165	1.10
E-4000-00-xxx	4000:5A	1.0	130	1.25
E-5000-00-xxx	5000:5A	1.0	165	1.65
E-6000-00-xxx	6000:5A	1.0	190	2.45

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



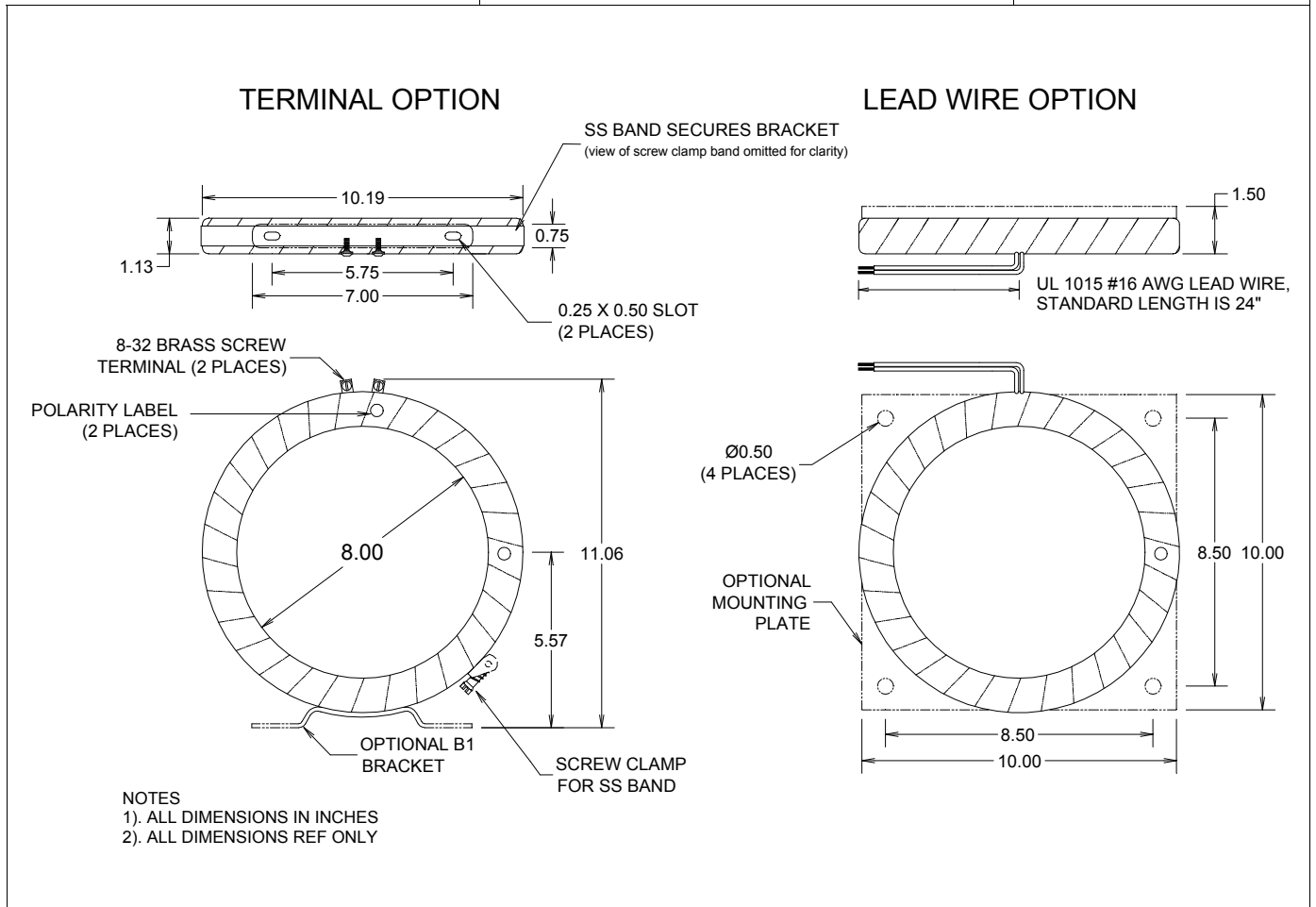
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CURRENT TRANSFORMER MODEL F

8.00" I.D.

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REV 14DEC00



Specifications

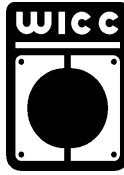
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for ratios up thru 7500:5A, 1.15 @ 30C for ratios above 7500:5A
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, 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 #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios
- Center tap and custom multi tap winding arrangements

8.00" I.D.

CURRENT TRANSFORMER
MODEL F

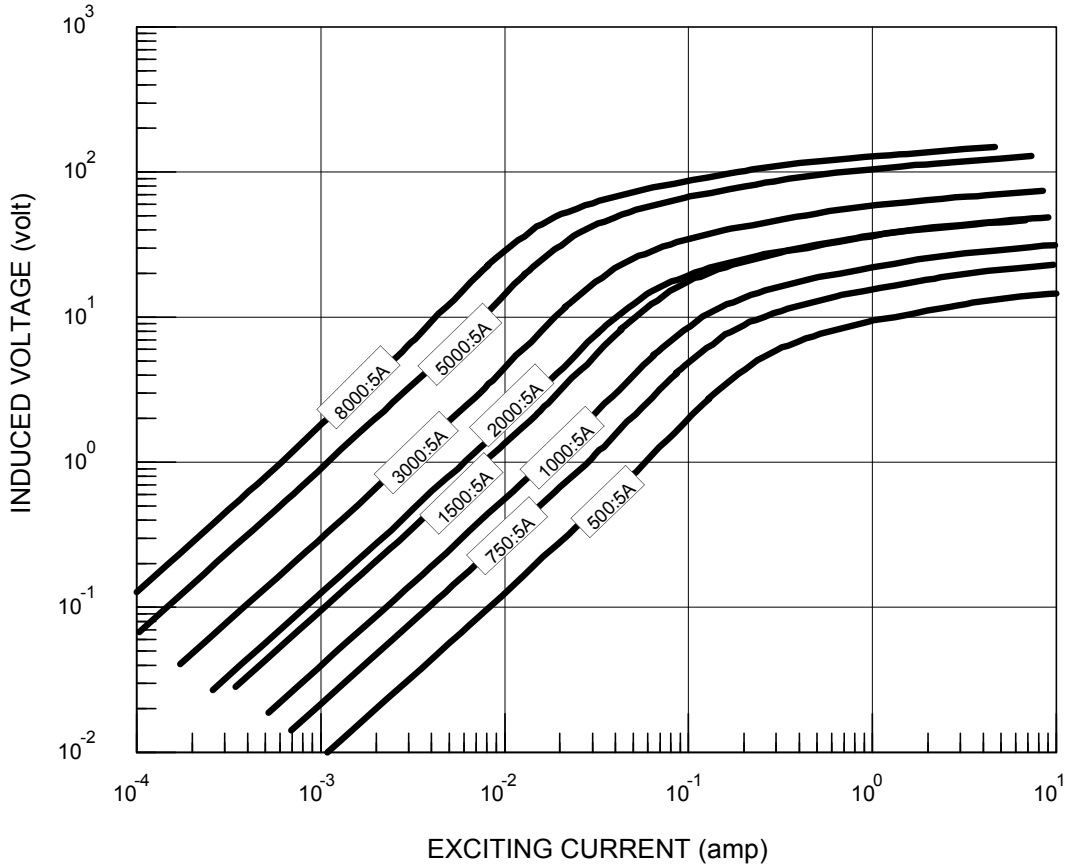


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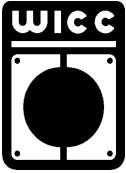
REV 14DEC00

TYPICAL EXCITATION CURVE for WICC MODEL F at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
F-500-00-xxx	500:5A	1.0	4.0	0.10
F-750-00-xxx	750:5A	1.0	10	0.15
F-1000-00-xxx	1000:5A	1.0	20	0.35
F-1500-00-xxx	1500:5A	1.0	50	0.46
F-2000-00-xxx	2000:5A	1.0	65	0.55
F-3000-00-xxx	3000:5A	1.0	85	0.80
F-5000-00-xxx	5000:5A	1.0	100	1.40
F-8000-00-xxx	8000:5A	1.0	100	2.60

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



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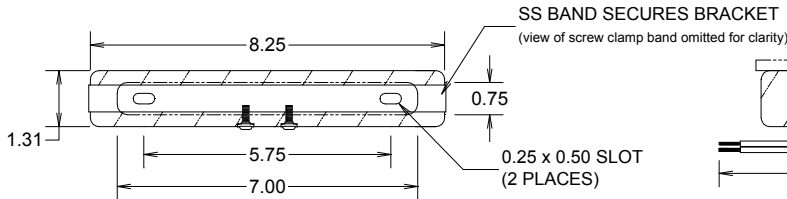
CURRENT TRANSFORMER MODEL K

6.25" I.D.

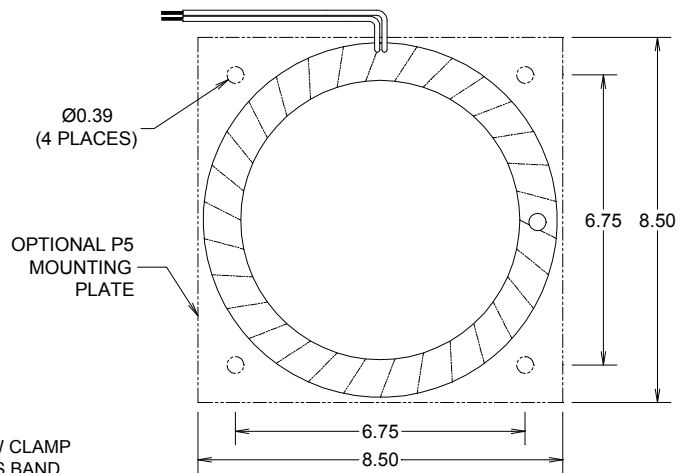
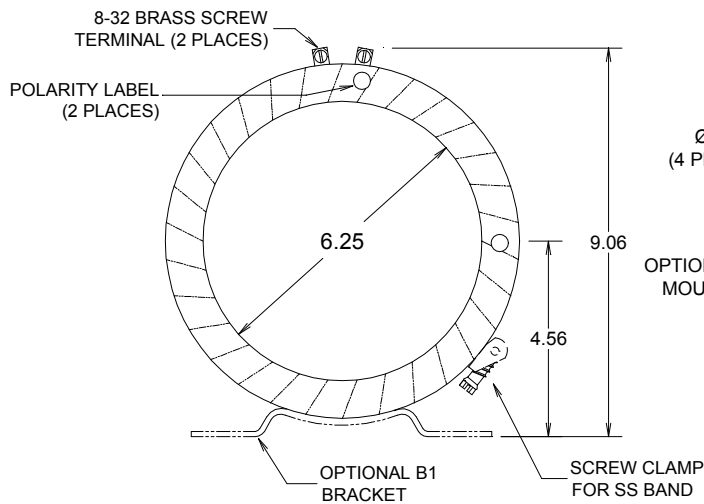
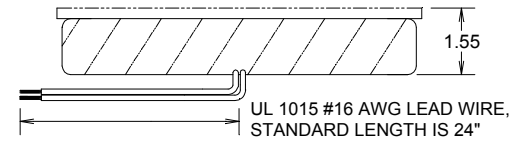
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REV 14DEC00

TERMINAL OPTION



LEAD WIRE OPTION



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

Specifications

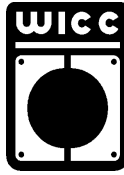
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for ratios up thru 4000:5A, 1.15 @ 30C for ratios above 4000:5A
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, 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 #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios
- Center tap and custom multi tap winding arrangements

6.25" I.D.

CURRENT TRANSFORMER
MODEL K

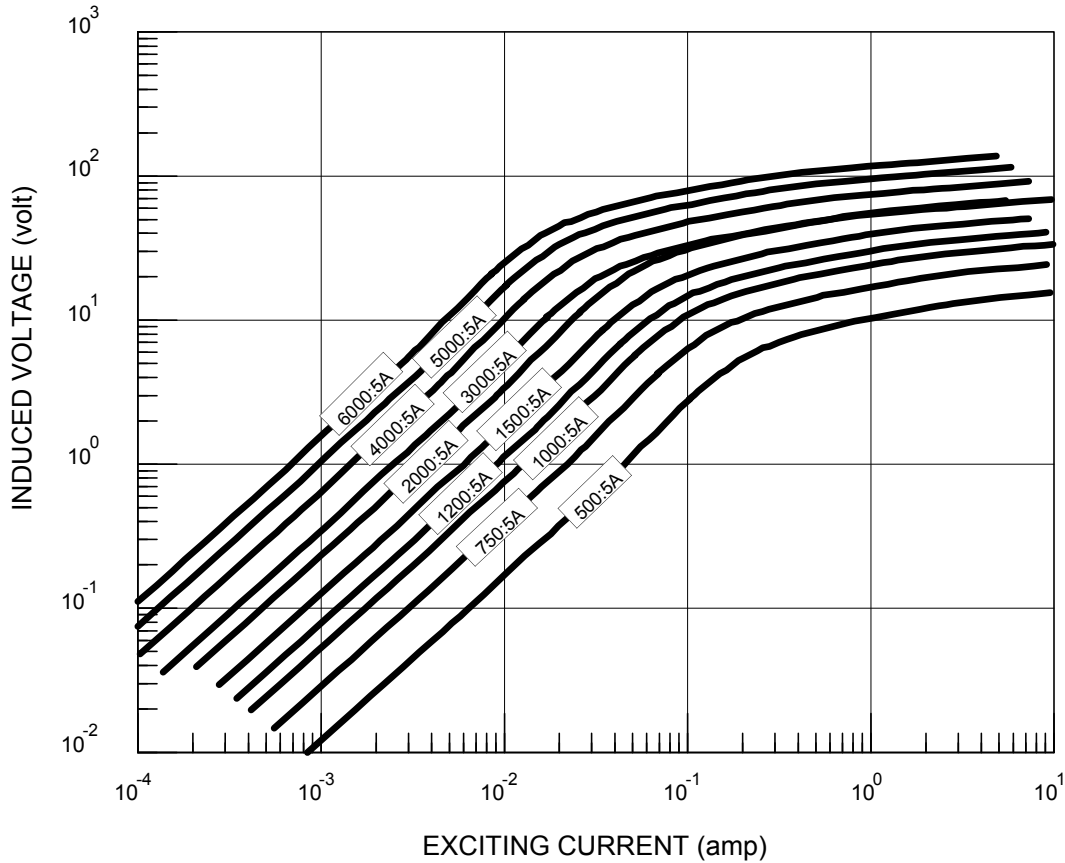


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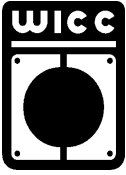
REV 14DEC00

TYPICAL EXCITATION CURVE for WICC MODEL K at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
K-500-00-xxx	500:5A	1.0	6.0	0.12
K-750-00-xxx	750:5A	1.0	15	0.18
K-1000-00-xxx	1000:5A	1.0	25	0.35
K-1200-00-xxx	1200:5A	1.0	40	0.40
K-1500-00-xxx	1500:5A	1.0	65	0.50
K-2000-00-xxx	2000:5A	1.0	85	0.65
K-3000-00-xxx	3000:5A	1.0	75	0.90
K-4000-00-xxx	4000:5A	1.0	90	1.20
K-5000-00-xxx	5000:5A	1.0	115	1.80
K-6000-00-xxx	6000:5A	1.0	135	2.20

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



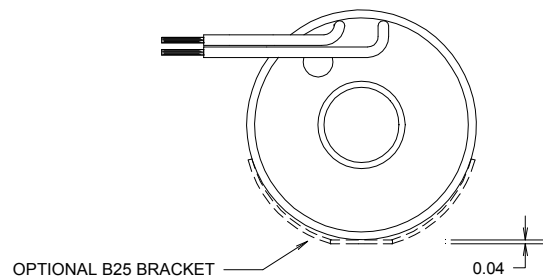
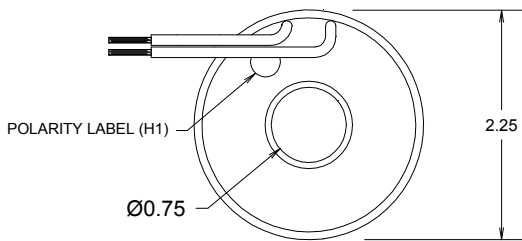
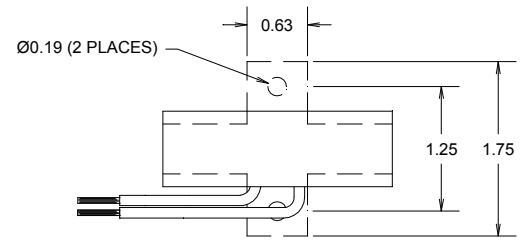
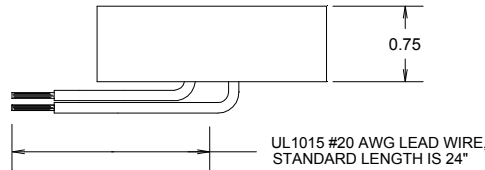
W.I.C.C. Ltd
 119 MULLER RD
 PO Box 252
 WASHINGTON IL 61571
 (309)-444-4125
 FAX (309)-444-3313

CURRENT TRANSFORMER MODEL L595

0.75" I.D.

PAGE No 1-24

REV 15DEC00



NOTES:
 1) ALL DIMENSIONS IN INCHES
 2) ALL DIMENSIONS REF ONLY

Specifications

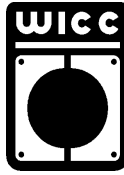
- Secondary sources 0.1 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, and IEC 44-1
- Enclosure is 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 amperage. Other non-standard ratings also available.
- 1 and 0.2 A output at F.S. primary amperage. Other non-standard ratings also available
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios.

0.75" I.D.

CURRENT TRANSFORMER
MODEL L595

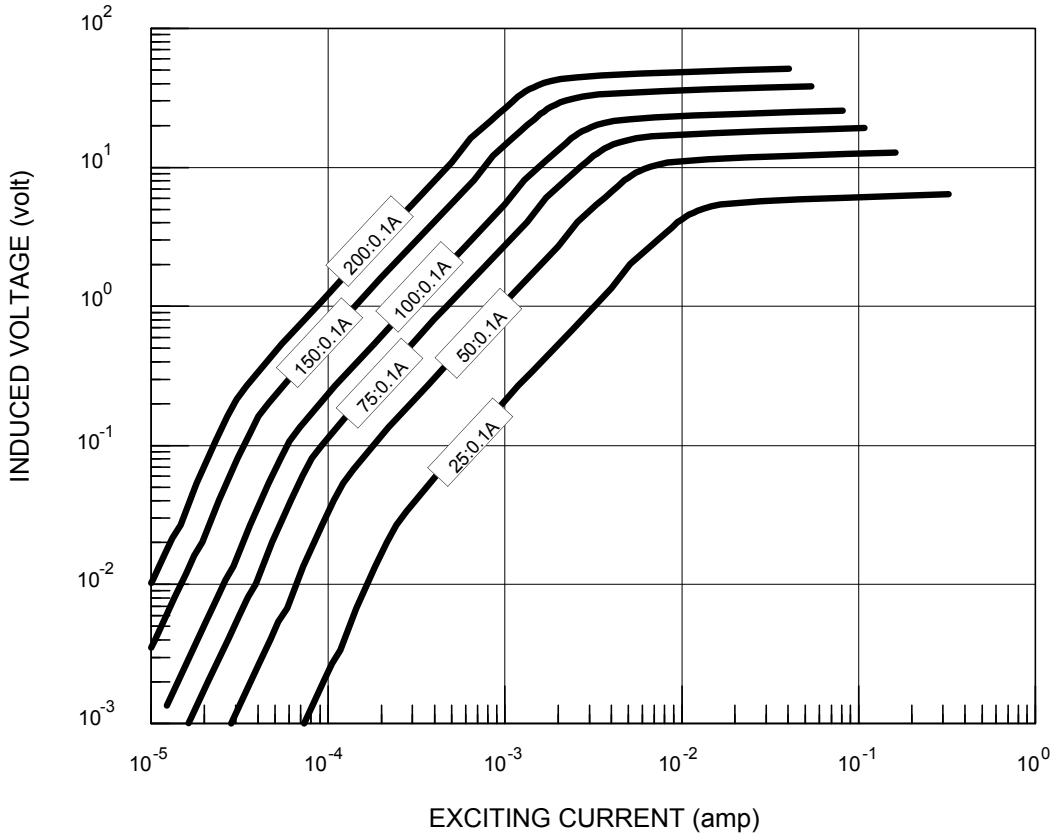


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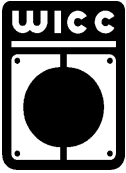
REV 15DEC00

TYPICAL EXCITATION CURVE for WICC MODEL L595 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (ohm)	
L595-025-02-Lxxx	25:0.1A	2.0	5	2.0
L595-050-02-Lxxx	50:0.1A	1.0	10	6.2
L595-075-02-Lxxx	75:0.1A	1.0	25	9.6
L595-100-02-Lxxx	100:0.1A	1.0	50	20
L595-150-02-Lxxx	150:0.1A	1.0	125	32
L595-200-02-Lxxx	200:0.1A	1.0	225	45

* "Lxxx" describes LEAD WIRE termination where "xxx" is the lead length in inches. For example, "L24" represents 24 inch long lead wires.



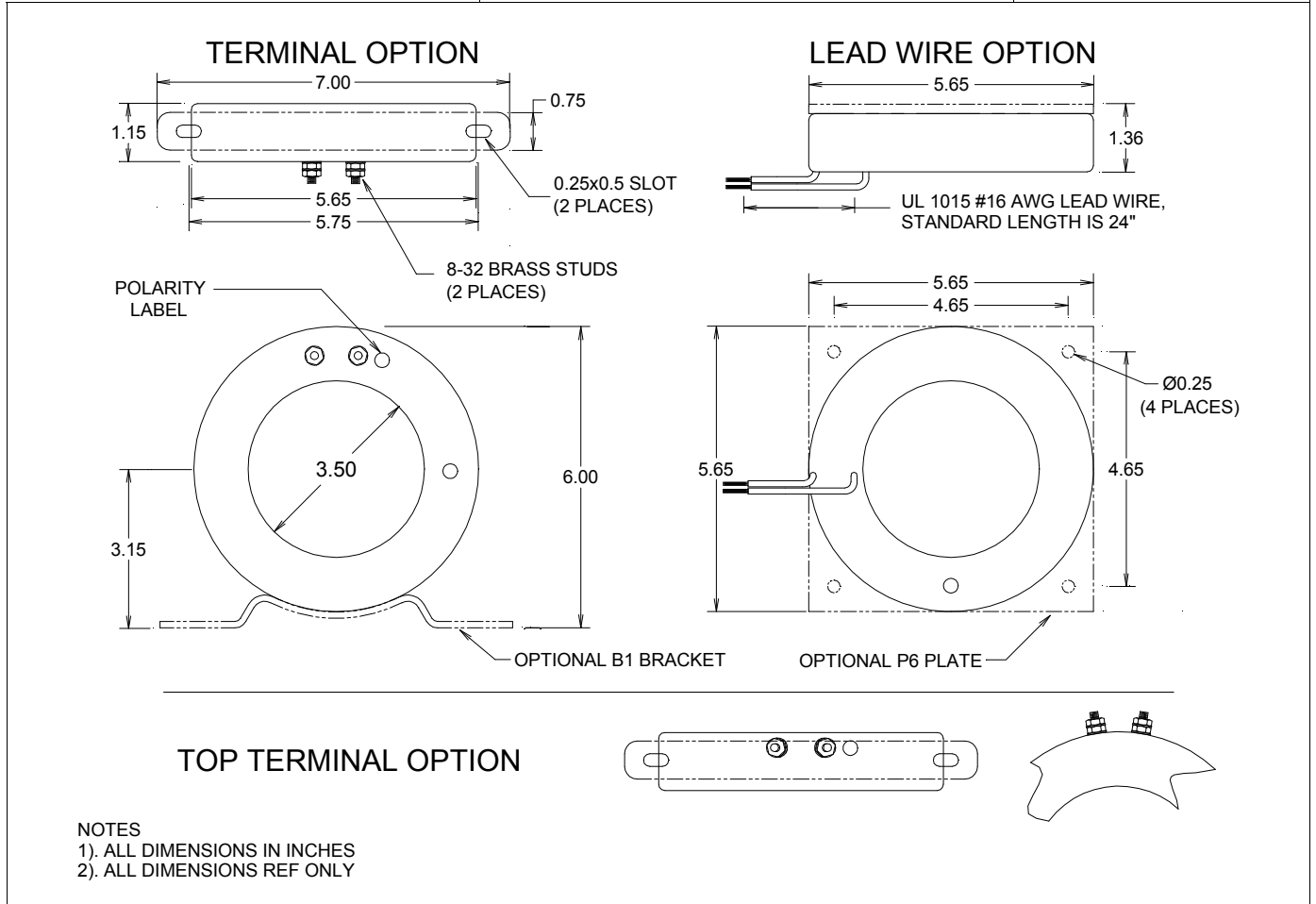
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 119 MULLER RD
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CURRENT TRANSFORMER MODEL MW

3.50" I.D.

PAGE No 1-26

REV 15DEC00



Specifications

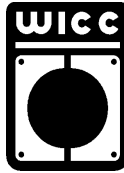
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for ratios up to 2000:5A, 1.15 @ 30C for ratios of 2000:5A and above
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, and IEC 44-1
- Enclosure is made of glass-filled Nylon, color is black
- Optional bracket is aluminum, optional plate is XX phenolic

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 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 B3 and B31 brackets. See Bracket Data Section for dimensions.
- Center tap and custom multi tap winding arrangements

3.50" I.D.

CURRENT TRANSFORMER
MODEL MW

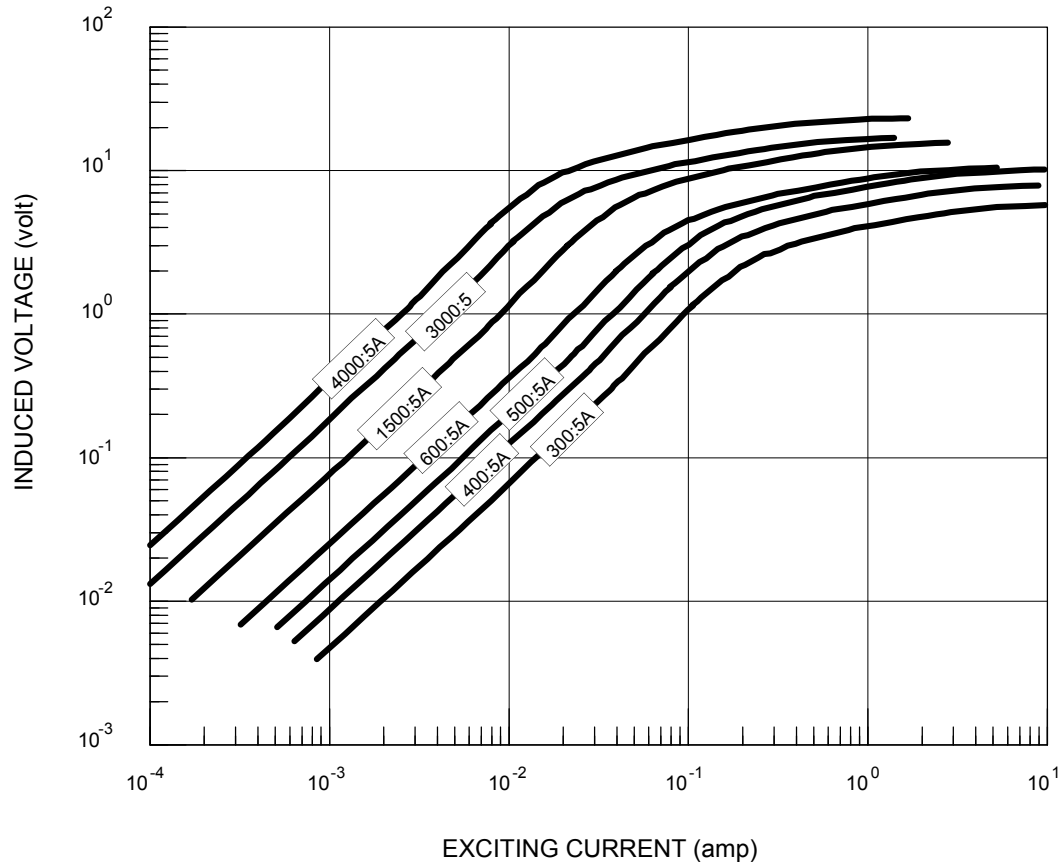


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PAGE No 1-27

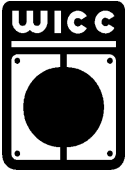
REV 15DEC00

TYPICAL EXCITATION CURVE for WICC MODEL MW at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
MW-300-00-xxx	300:5A	1.5	2.0	0.06
MW-400-00-xxx	400:5A	1.0	2.0	0.08
MW-500-00-xxx	500:5A	1.0	4.0	0.10
MW-600-00-xxx	600:5A	1.0	6.0	0.12
MW-800-00-xxx	800:5A	1.0	10	0.17
MW-1000-00-xxx	1000:5A	1.0	12	0.22
MW-1200-00-xxx	1200:5A	1.0	20	0.25
MW-1500-00-xxx	1500:5A	1.0	15	0.50
MW-1600-00-xxx	1600:5A	1.0	15	0.53
MW-2000-00-xxx	2000:5A	1.0	12	0.67
MW-2500-00-xxx	2500:5A	1.0	15	0.85
MW-3000-00-xxx	3000:5A	1.0	25	1.0
MW-4000-00-xxx	4000:5A	1.0	45	1.4

* "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.)



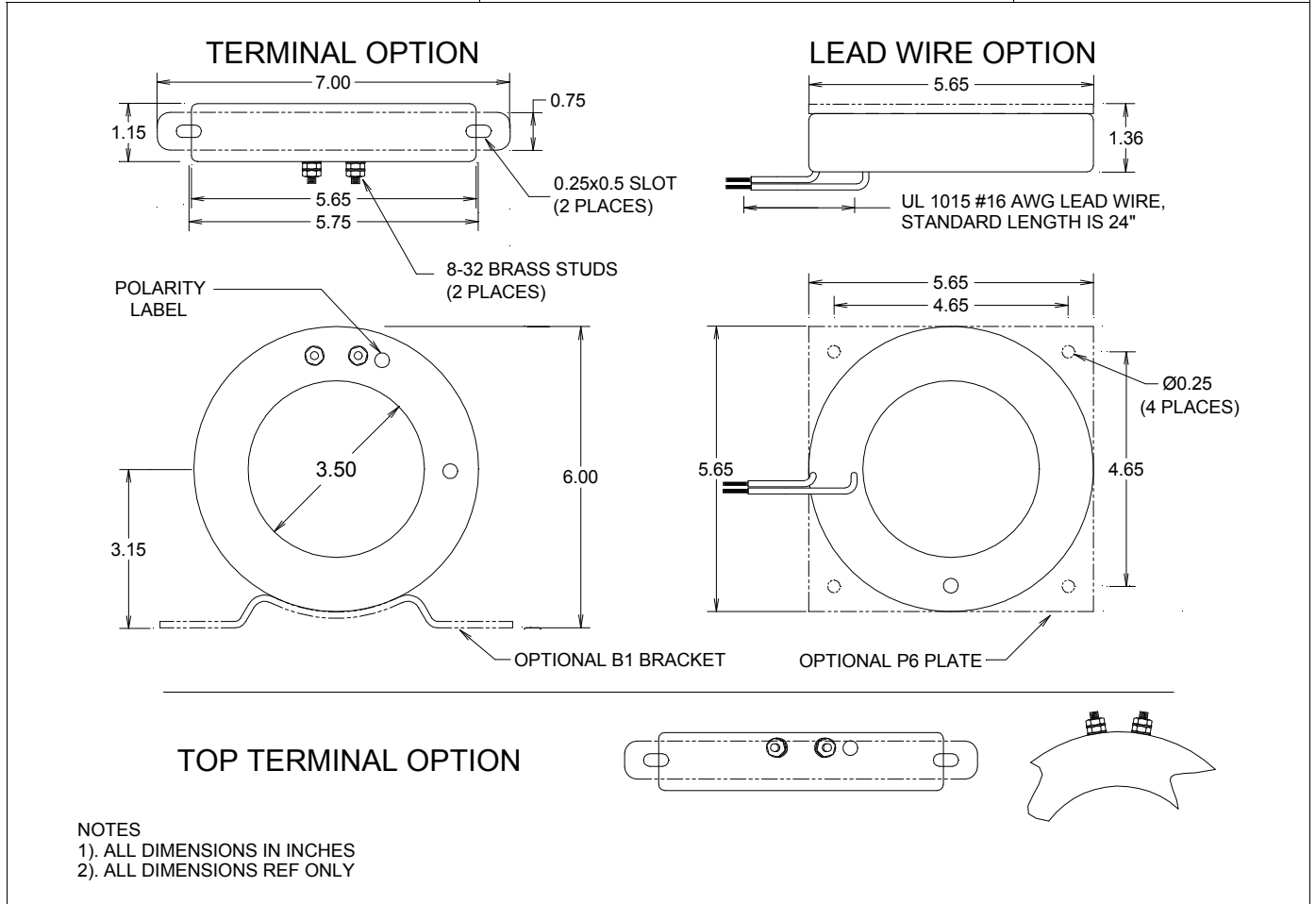
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CURRENT TRANSFORMER MODEL MWX

3.50" I.D.

PAGE No 1-28

REV 15DEC00



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 all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, and IEC 44-1
- Enclosure is made of glass-filled Nylon, color is black
- Optional bracket is aluminum, optional plate is XX phenolic

Options, contact Factory for information

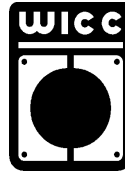
- UL and Canadian UL Recognized Component. File E100575
- 8-32 Brass Stud Terminals or #16 AWG UL 1015 Lead Wires. Choice of stud location.
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios.
- Available with B3 and B31 brackets. See Bracket Data Section for dimensions.
- Center tap and custom multi tap winding arrangements

3.50" I.D.

PAGE No 1-29

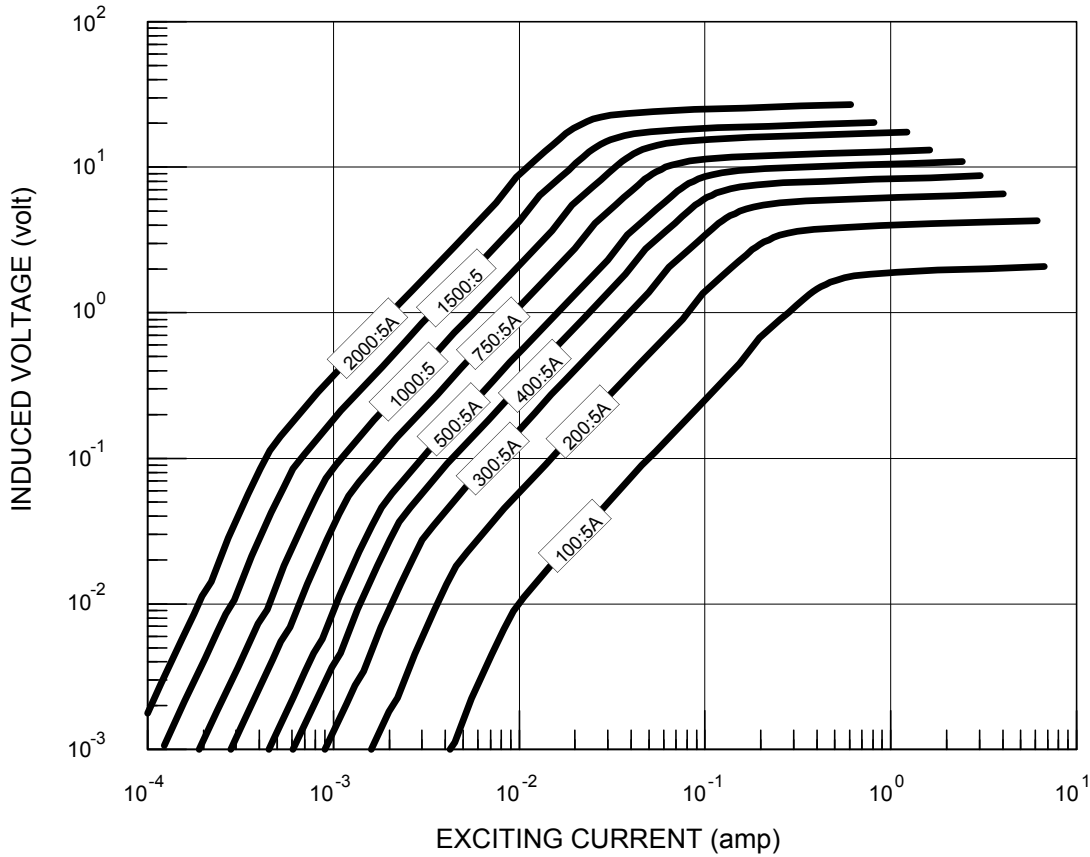
REV 15DEC00

CURRENT TRANSFORMER
MODEL MWX



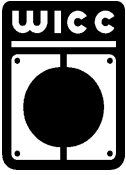
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TYPICAL EXCITATION CURVE for WICC MODEL MWX at 60HZ



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		
MWX-100-00-xxx	100:5A	4.8	-	-	-	-	-	0.02
MWX-200-00-xxx	200:5A	1.2	-	-	-	-	-	0.04
MWX-300-00-xxx	300:5A	0.6	1.2	-	-	-	-	0.06
MWX-400-00-xxx	400:5A	0.6	0.6	1.2	-	-	-	0.08
MWX-500-00-xxx	500:5A	0.3	0.6	1.2	1.2	-	-	0.10
MWX-600-00-xxx	600:5A	0.3	0.3	0.6	1.2	-	-	0.12
MWX-750-00-xxx	750:5A	0.3	0.3	0.6	0.6	1.2	-	0.14
MWX-1000-00-xxx	1000:5A	0.3	0.3	0.3	0.6	0.6	C10	0.19
MWX-1200-00-xxx	1200:5A	0.3	0.3	0.3	0.6	0.6	C10	0.25
MWX-1500-00-xxx	1500:5A	0.3	0.3	0.3	0.3	0.6	C10	0.32
MWX-2000-00-xxx	2000:5A	0.3	0.3	0.3	0.3	0.3	C20	0.44

* "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.)



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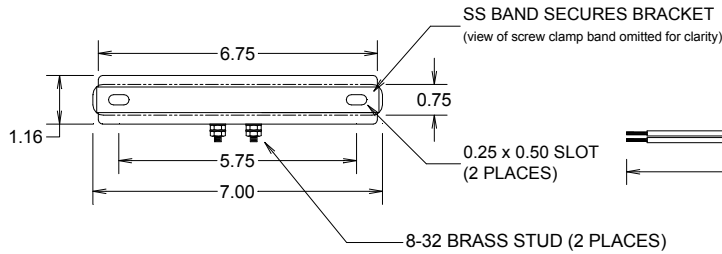
CURRENT TRANSFORMER MODEL N

4.25" I.D.

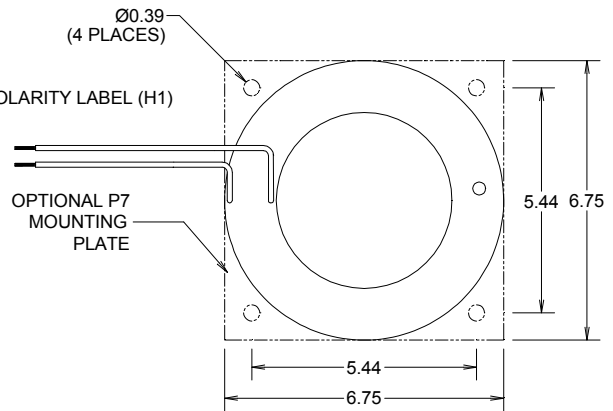
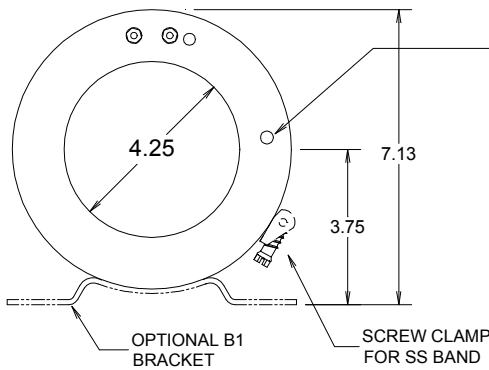
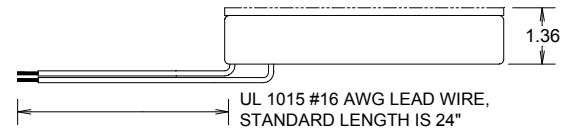
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REV 15DEC00

TERMINAL OPTION



LEAD WIRE OPTION



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

Specifications

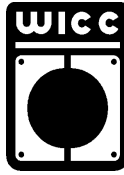
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for ratios up to 3000:5A, 1.15 @ 30C for ratios of 3000:5A and above
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, and IEC 44-1
- Enclosure is glass-filled nylon, color is black
- Optional bracket is aluminum

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 Stud Terminals or #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios.
- Center tap and custom multi tap winding arrangements

4.25" I.D.

CURRENT TRANSFORMER
MODEL N

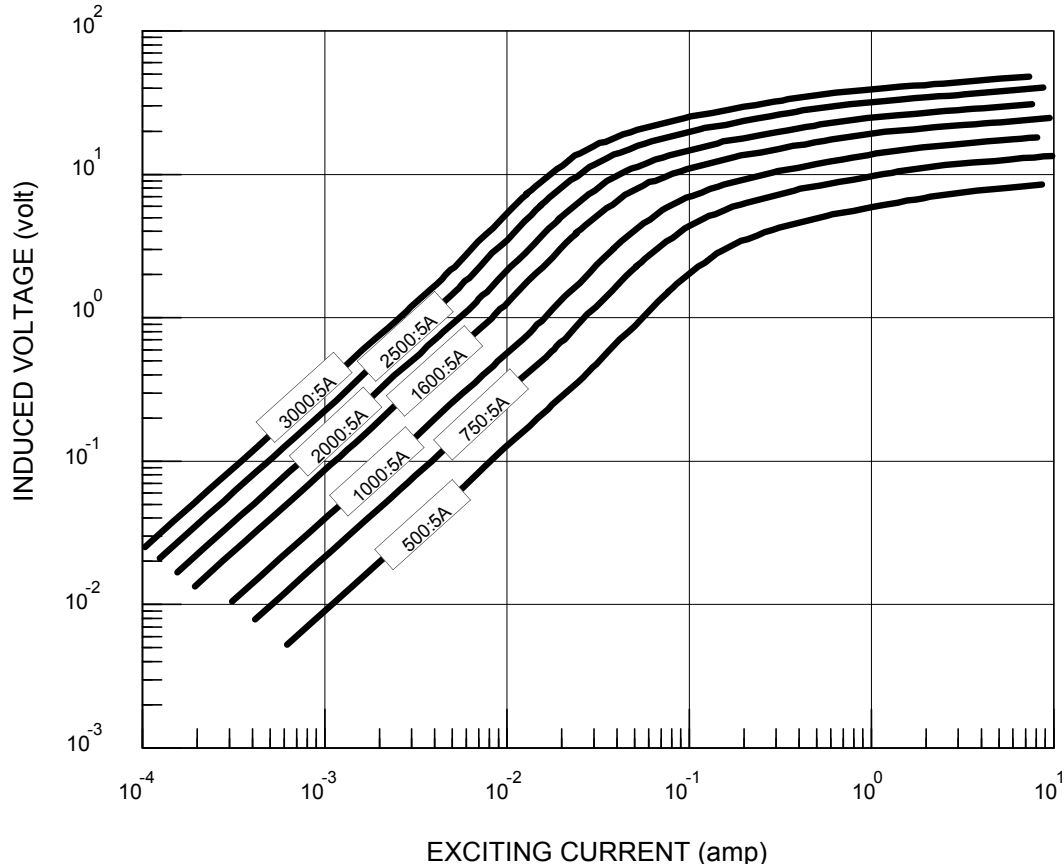


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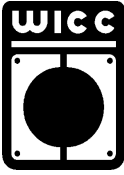
REV 15DEC00

TYPICAL EXCITATION CURVE for WICC MODEL N at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
N-500-00-xxx	500:5A	1.0	3.0	0.14
N-750-00-xxx	750:5A	1.0	7.5	0.21
N-1000-00-xxx	1000:5A	1.0	15	0.28
N-1600-00-xxx	1600:5A	1.0	25	0.41
N-2000-00-xxx	2000:5A	1.0	40	0.52
N-2500-00-xxx	2500:5A	1.0	40	0.81
N-3000-00-xxx	3000:5A	1.0	50	1.0

* "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.)



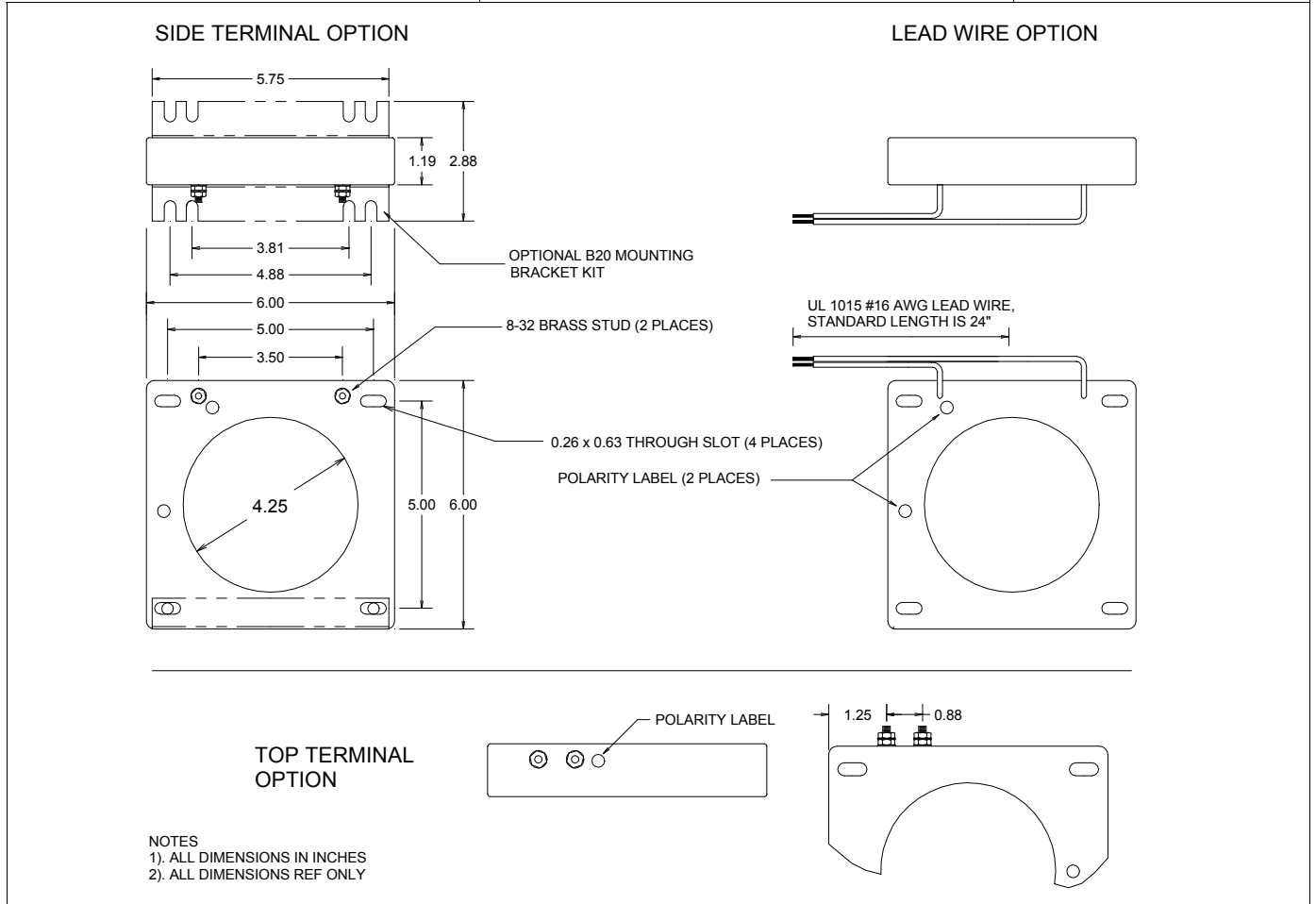
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CURRENT TRANSFORMER MODEL ND

4.25" I.D.

PAGE No 1-32

REV 15DEC00



Specifications

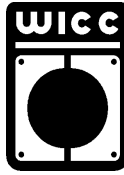
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for ratios up to 4250:5A, 1.15 @ 30C for ratios of 4250:5A and above
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, 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.

CURRENT TRANSFORMER
MODEL ND

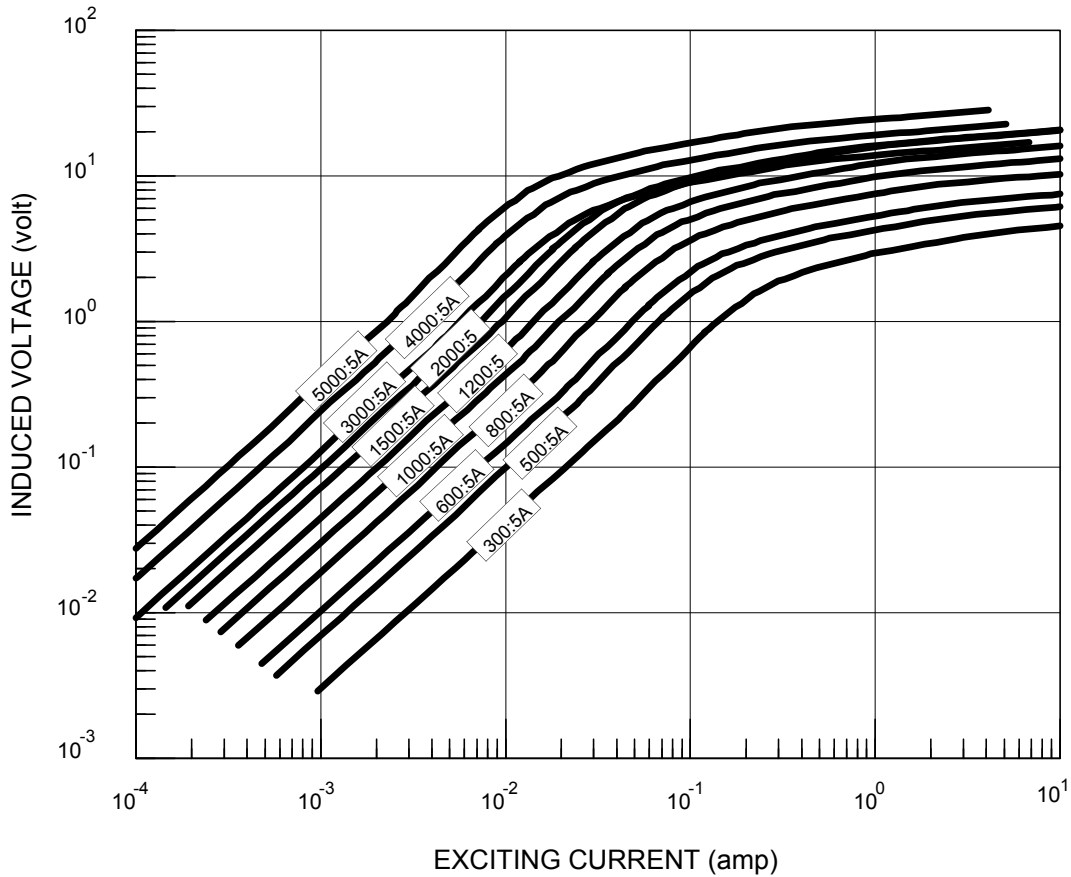


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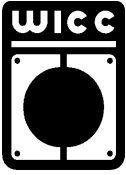
REV 15DEC00

TYPICAL EXCITATION CURVE for WICC MODEL ND at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		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.)



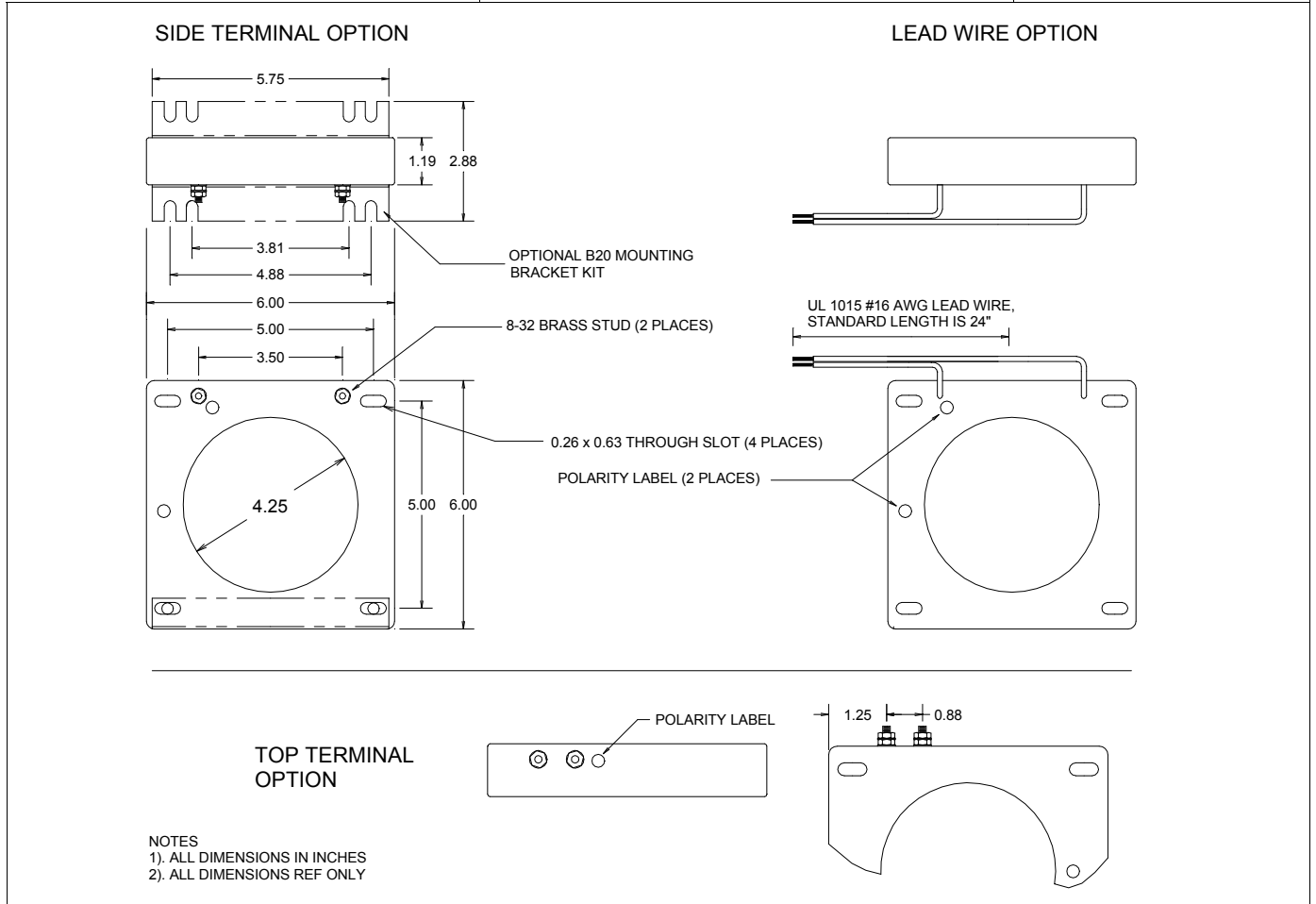
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CURRENT TRANSFORMER MODEL NDX

4.25" I.D.

PAGE No 1-34

REV 15DEC00



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
- Reference documents IEEE C57.13, UL1244, and IEC 44-1
- Enclosure is made of glass-filled Nylon, color is black
- Optional bracket is steel

Options, contact Factory for information

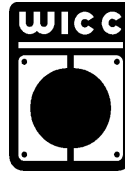
- UL and Canadian UL Recognized Component. File E100575
- 2.0, 5.0, and 10 VAC output at F.S. primary current. Other non-standard ratings also available
- 1, 0.2, and 0.1 A output at F.S. primary current. Other non-standard ratings also available
- 8-32 Brass Stud Terminals or #16 AWG UL 1015 Lead Wires. 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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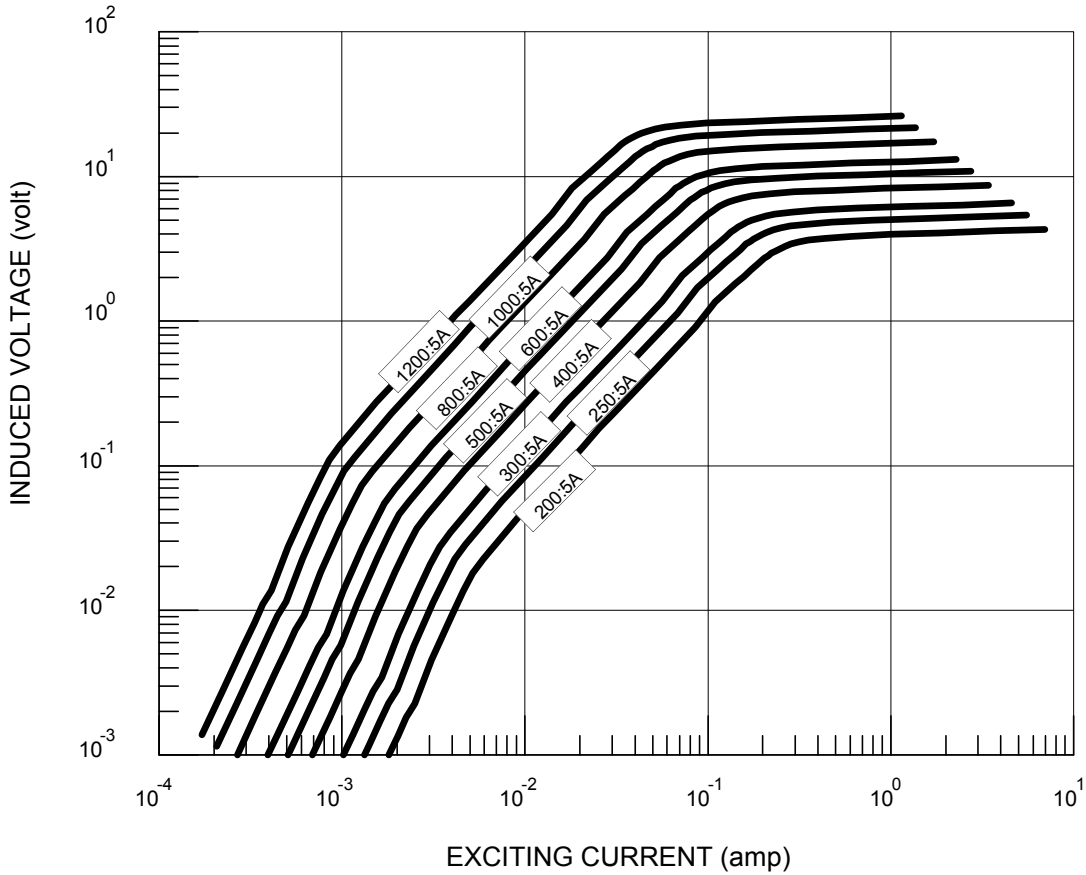
REV 15DEC00

CURRENT TRANSFORMER
MODEL NDX



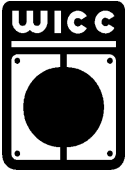
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TYPICAL EXCITATION CURVE for WICC MODEL NDX at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
NDX-300-00-xxx	300:5A	1.0	6.0	0.05
NDX-500-00-xxx	500:5A	1.0	20	0.08
NDX-600-00-xxx	600:5A	1.0	25	0.12
NDX-800-00-xxx	800:5A	1.0	50	0.16
NDX-1000-00-xxx	1000:5A	1.0	75	0.22
NDX-1200-00-xxx	1200:5A	1.0	100	0.31
NDX-1500-00-xxx	1500:5A	1.0	80	0.33
NDX-1600-00-xxx	1600:5A	1.0	80	0.36
NDX-2000-00-xxx	2000:5A	1.0	100	0.44
NDX-2500-00-xxx	2500:5A	1.0	65	0.48
NDX-3000-00-xxx	3000:5A	1.0	65	0.53
NDX-4000-00-xxx	4000:5A	1.0	75	0.76

* "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.)



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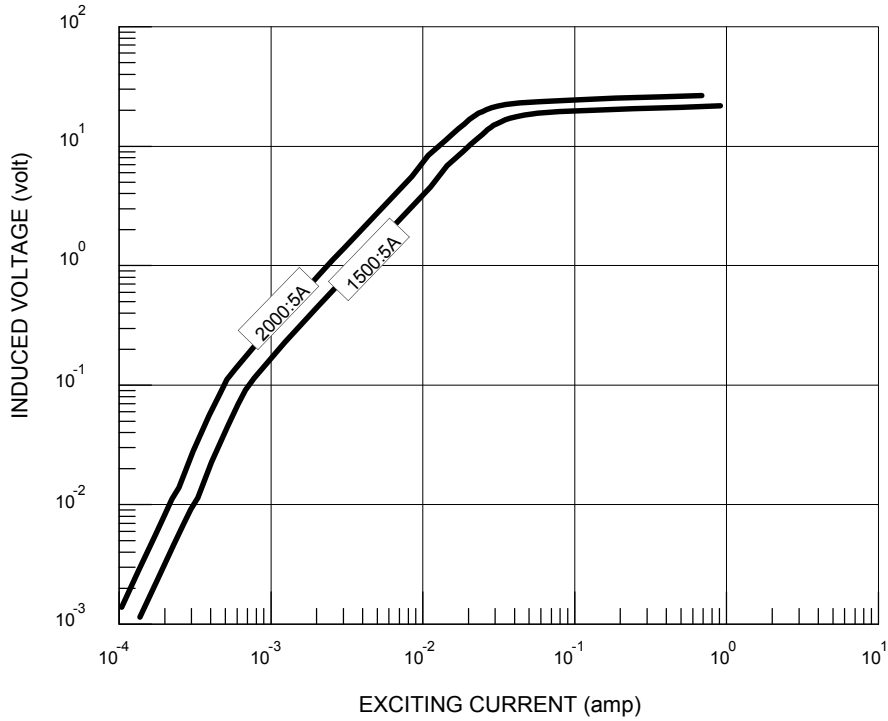
CURRENT TRANSFORMER MODEL NDX

4.25" I.D.

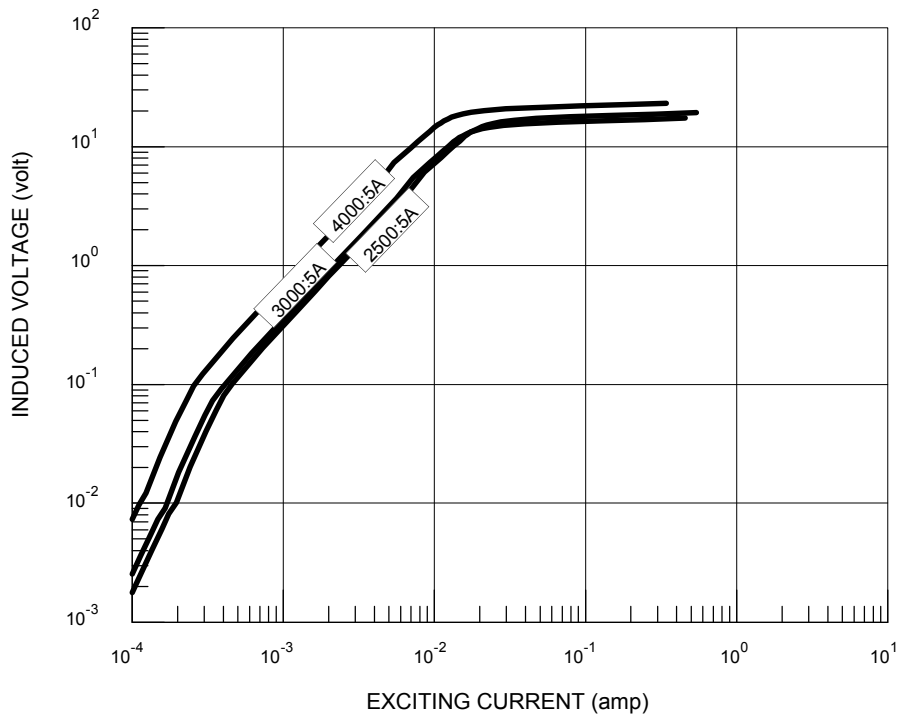
PAGE No 1-36

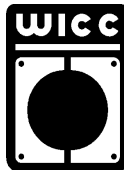
REV 15DEC00

TYPICAL EXCITATION CURVE for WICC MODEL NDX at 60HZ



TYPICAL EXCITATION CURVE for WICC MODEL NDX at 60HZ

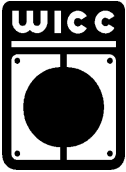




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PAGE No 1-37

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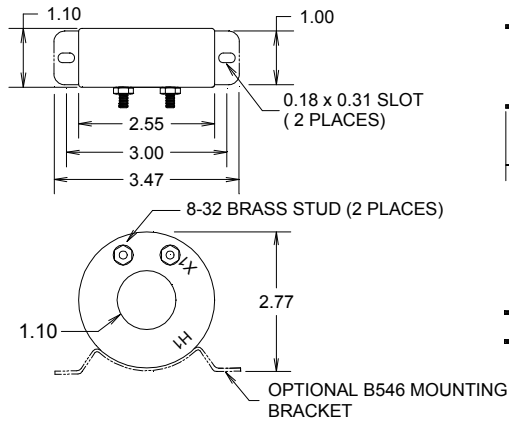
CURRENT TRANSFORMER MODEL 546

1.10" I.D.

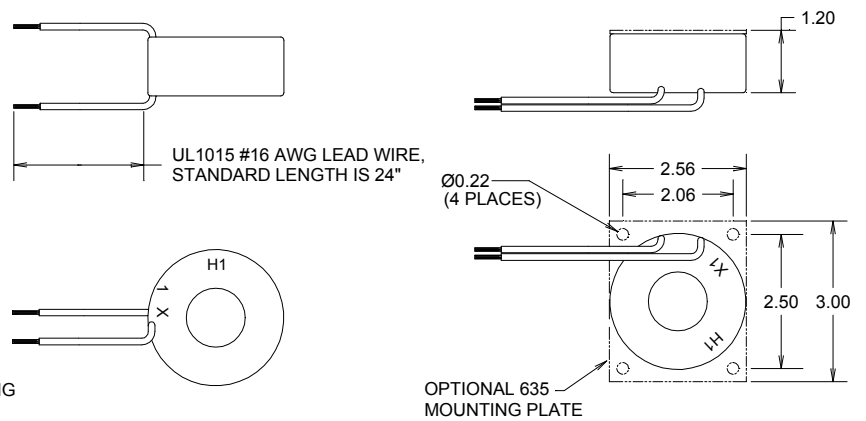
PAGE No 1-38

REV 15DEC00

TERMINAL OPTION



LEAD WIRE OPTION



NOTE:
 1) ALL DIMENSIONS IN INCHES
 2) ALL DIMENSIONS REF ONLY

Specifications

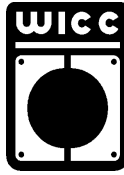
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, and IEC 44-1
- Enclosure is glass-filled nylon, color is black
- Optional plate is XX phenolic, 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 amperage. Other non-standard ratings also available.
- 1.0, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 Brass Stud Terminals or #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios.
- Center tap and custom multi tap winding arrangements

1.10" I.D.

CURRENT TRANSFORMER
MODEL 546

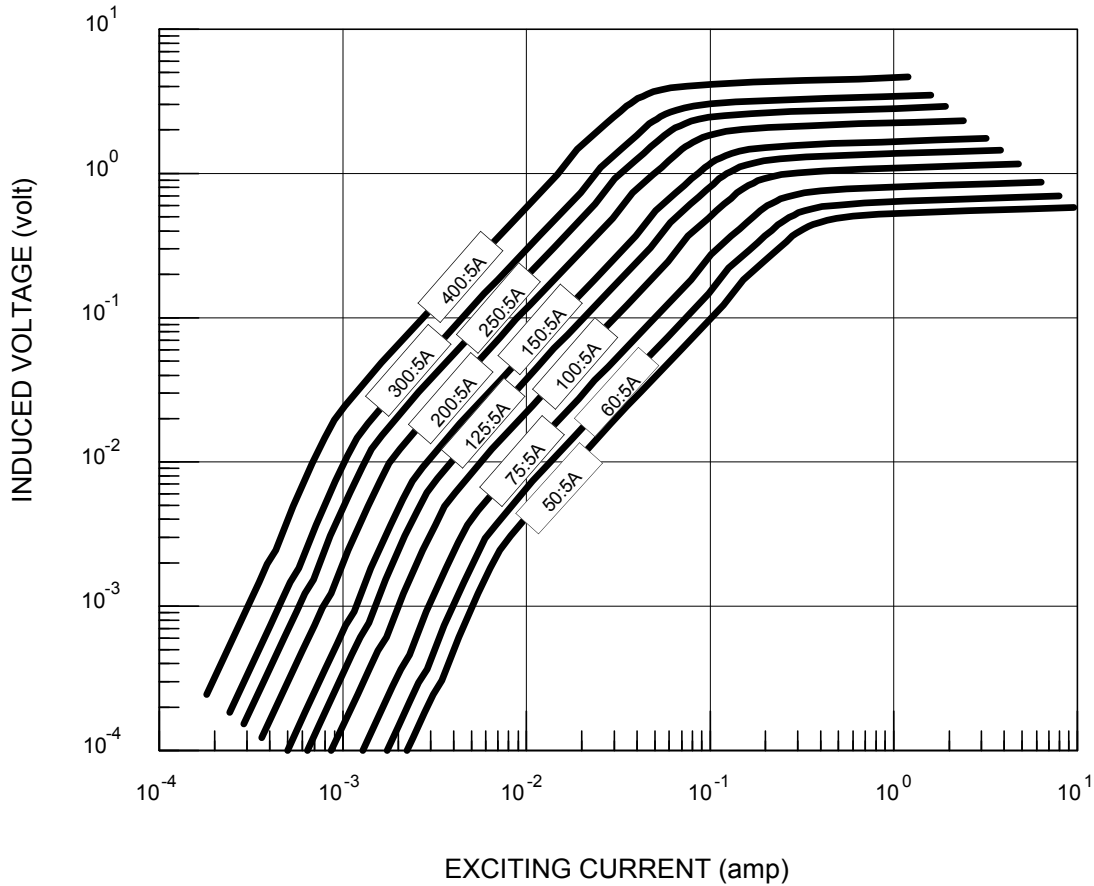


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PAGE No 1-39

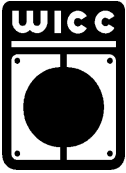
REV 15DEC00

TYPICAL EXCITATION CURVE for WICC MODEL 546 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
546-050-00-xxx	50:5A	3.0	2.0	0.007
546-060-00-xxx	60:5A	2.0	2.0	0.008
546-075-00-xxx	75:5A	2.0	2.0	0.01
546-100-00-xxx	100:5A	1.0	2.0	0.02
546-125-00-xxx	125:5A	1.0	2.5	0.025
546-150-00-xxx	150:5A	1.0	4.0	0.03
546-200-00-xxx	200:5A	1.0	5.0	0.04
546-250-00-xxx	250:5A	1.0	7.5	0.052
546-300-00-xxx	300:5A	1.0	10	0.062
546-400-00-xxx	400:5A	1.0	15	0.083

* "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.)



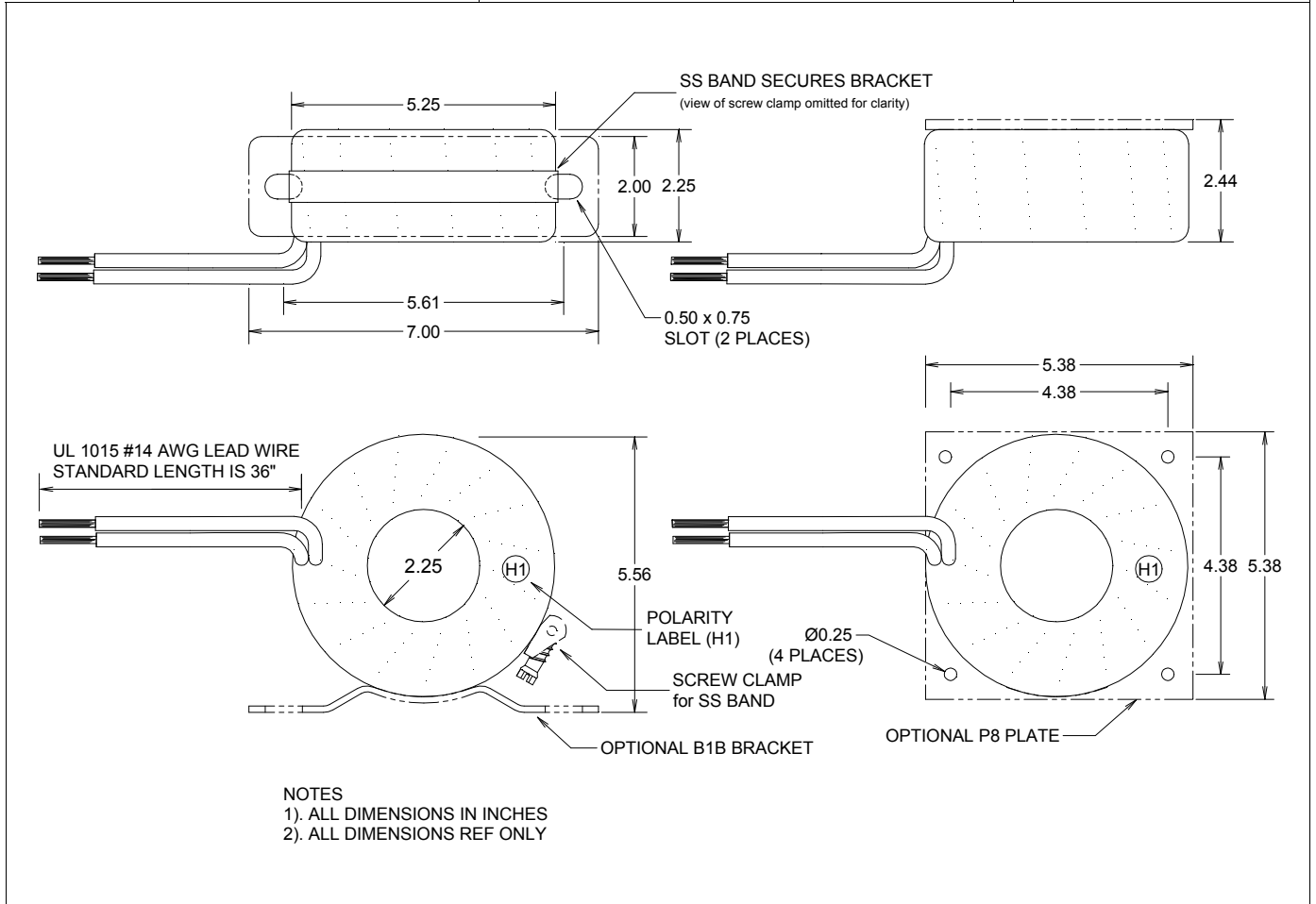
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CURRENT TRANSFORMER MODEL 591

2.25" I.D.

PAGE No 1-40

REV 15DEC00



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 800:5A, 1.50 @ 30C for ratios of 800:5A and above
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, 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 (physical size increases)
- 1, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available.
- Custom lead wire lengths and types.
- Thermal ratings above 1.50 for selected ratios
- Center tap and custom multi tap winding arrangements

2.25" I.D.

PAGE No 1-41

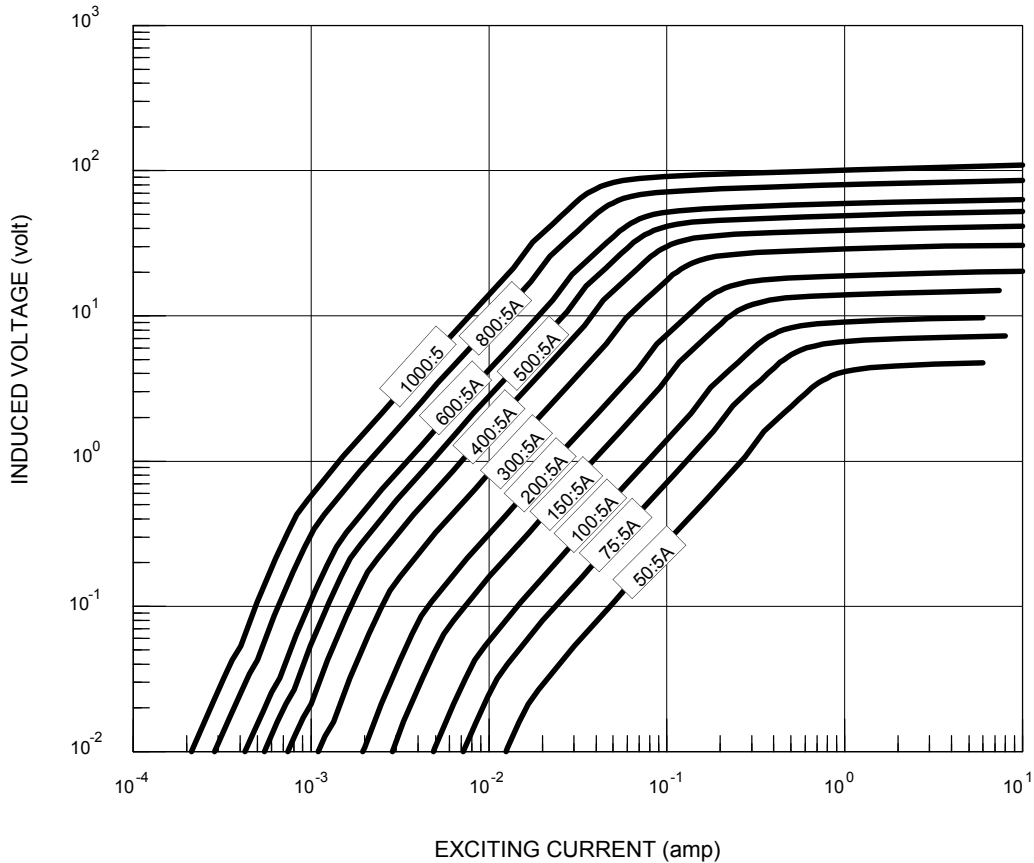
REV 15DEC00

CURRENT TRANSFORMER
MODEL 591



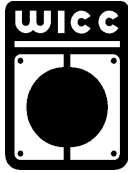
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TYPICAL EXCITATION CURVE for WICC MODEL 591 at 60HZ



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		
591-050-00-Lyyy	50:5A	2.4	-	-	-	-	-	0.02
591-075-00-Lyyy	75:5A	1.2	-	-	-	-	-	0.02
591-100-00-Lyyy	100:5A	0.6	1.2	-	-	-	-	0.03
591-150-00-Lyyy	150:5A	0.6	0.6	1.2	-	-	C10	0.04
591-200-00-Lyyy	200:5A	0.3	0.6	0.6	1.2	-	C10	0.06
591-300-00-Lyyy	300:5A	0.3	0.3	0.6	0.6	1.2	C20	0.09
591-400-00-Lyyy	400:5A	0.3	0.3	0.3	0.6	0.6	C20	0.12
591-500-00-Lyyy	500:5A	0.3	0.3	0.3	0.3	0.3	C50	0.16
591-600-00-Lyyy	600:5A	0.3	0.3	0.3	0.3	0.3	C50	0.19
591-800-00-Lyyy	800:5A	0.3	0.3	0.3	0.3	0.3	C50	0.26
591-1000-00-Lyyy	1000:5A	0.3	0.3	0.3	0.3	0.3	C100	0.40

* "Lyyy" describes length of LEAD WIRES (Where "yyy" is the lead length in inches. For example, "L24" represents 24 inch long lead wires.)



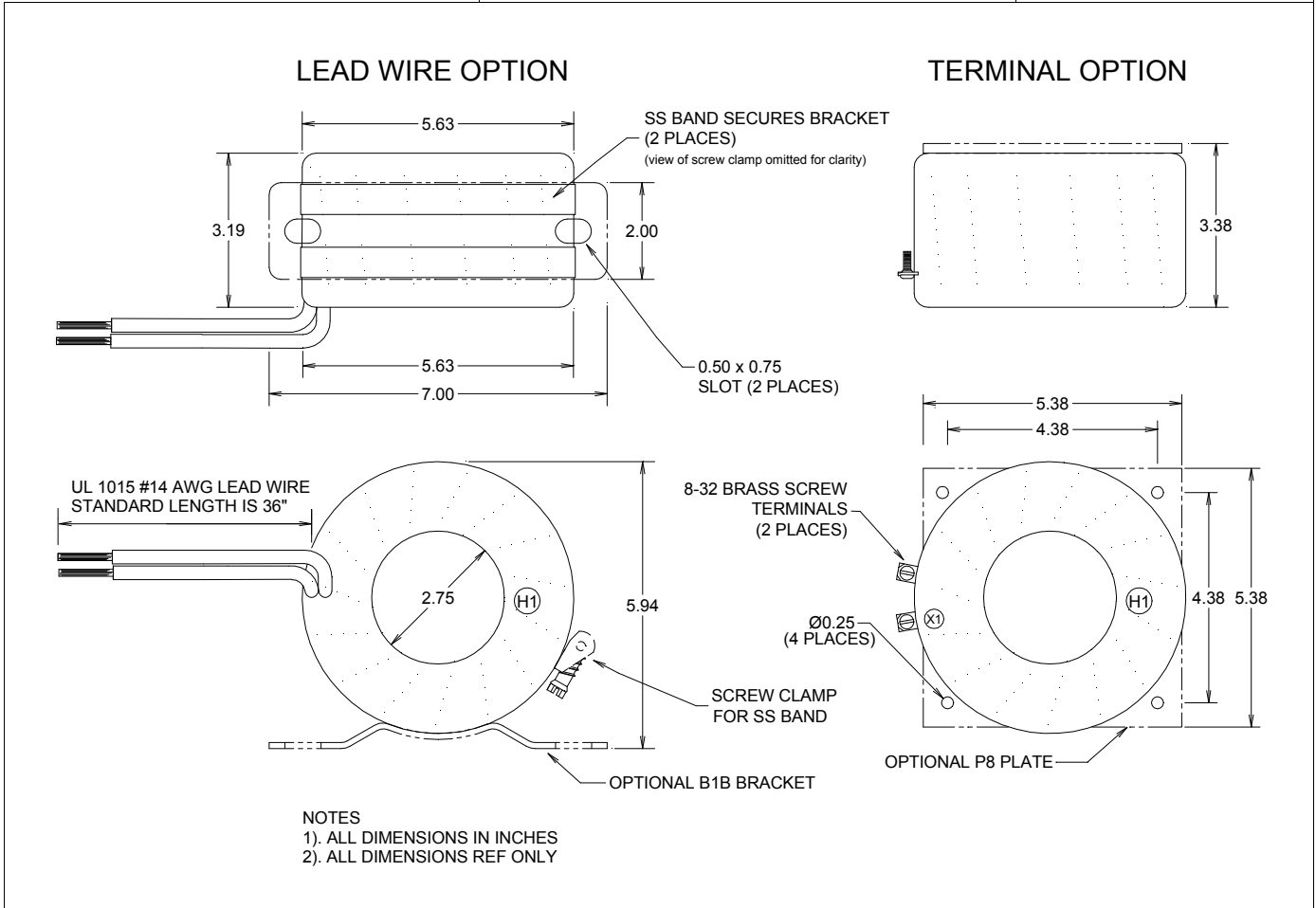
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CURRENT TRANSFORMER MODEL 594

2.75" I.D.

PAGE No 1-42

REV 15DEC00



Specifications

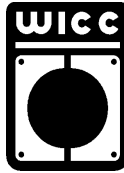
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 2.00 @ 30C for ratios up to 1000:5A, 1.50 @ 30C for ratios above 1000:5A
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, 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

2.75" I.D.

CURRENT TRANSFORMER
MODEL 594

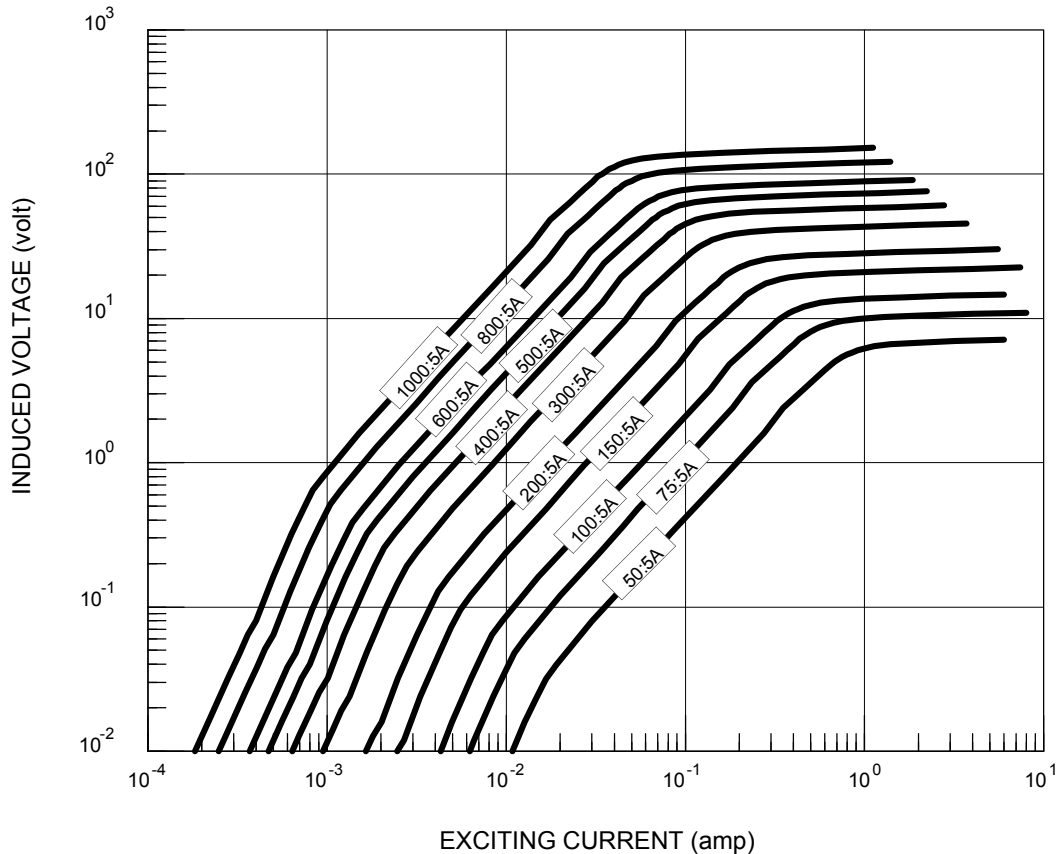


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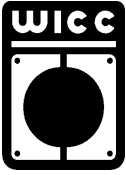
REV 15DEC00

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.)



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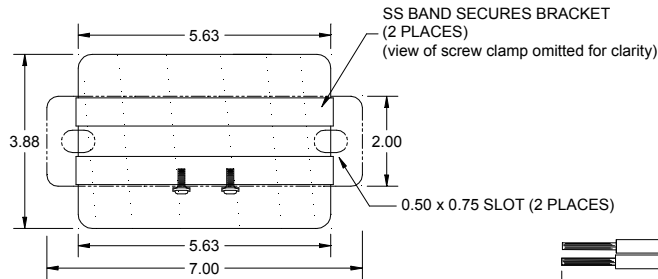
CURRENT TRANSFORMER MODEL 599

2.60" I.D.

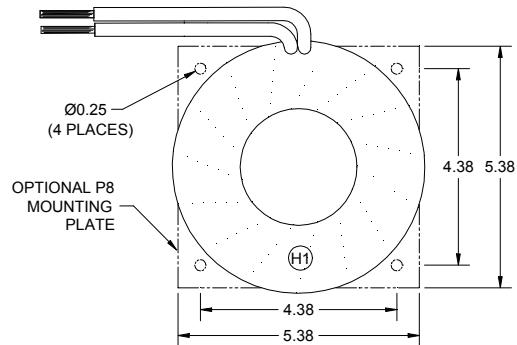
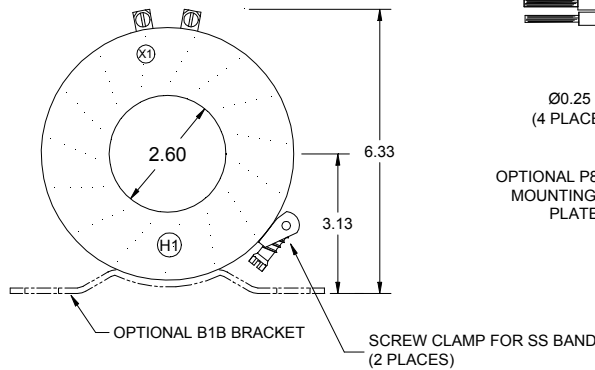
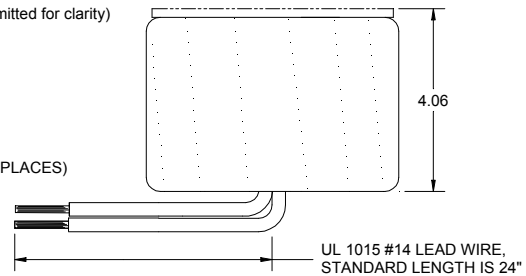
PAGE No 1-44

REV 15DEC00

TERMINAL OPTION



LEAD WIRE OPTION



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

Specifications

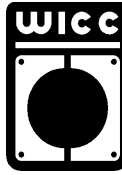
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 2.00 @ 30C for ratios up to 1500:5A, 1.50 @ 30C for ratios above 1500:5A
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, 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.

CURRENT TRANSFORMER
MODEL 599

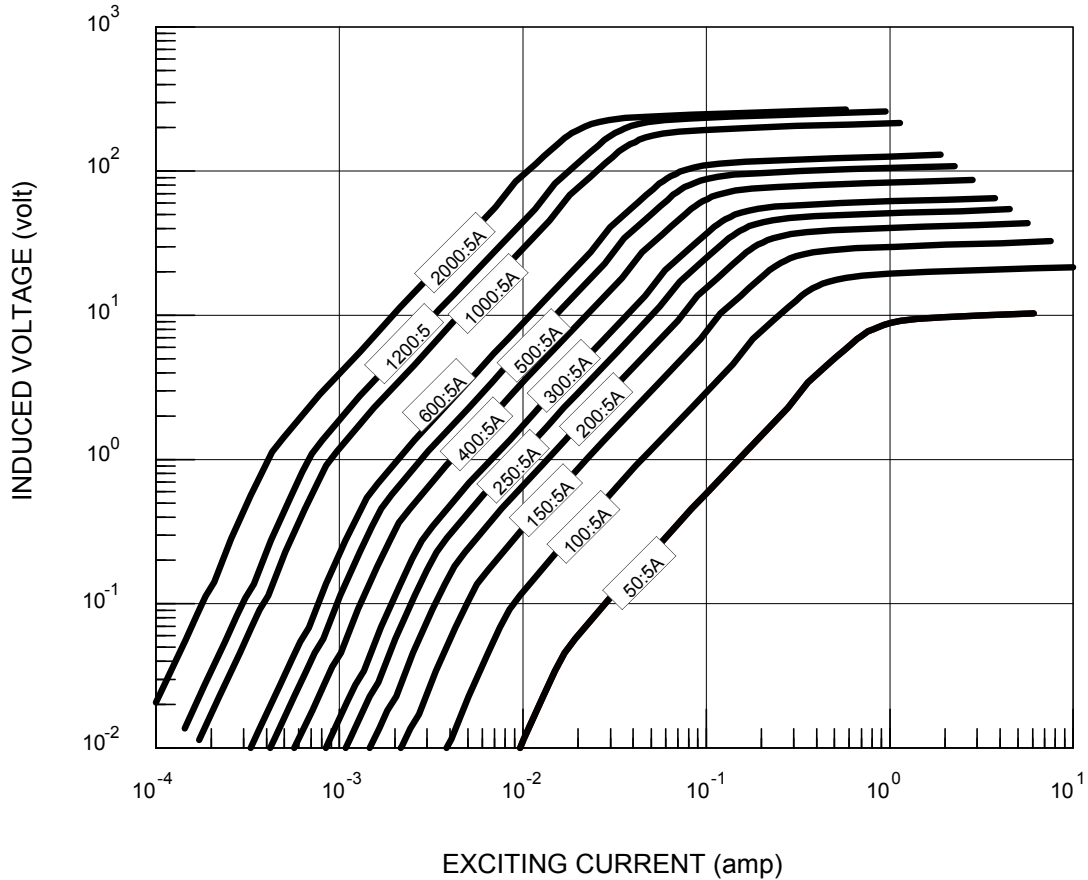


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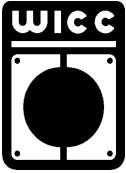
REV 15DEC00

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.)



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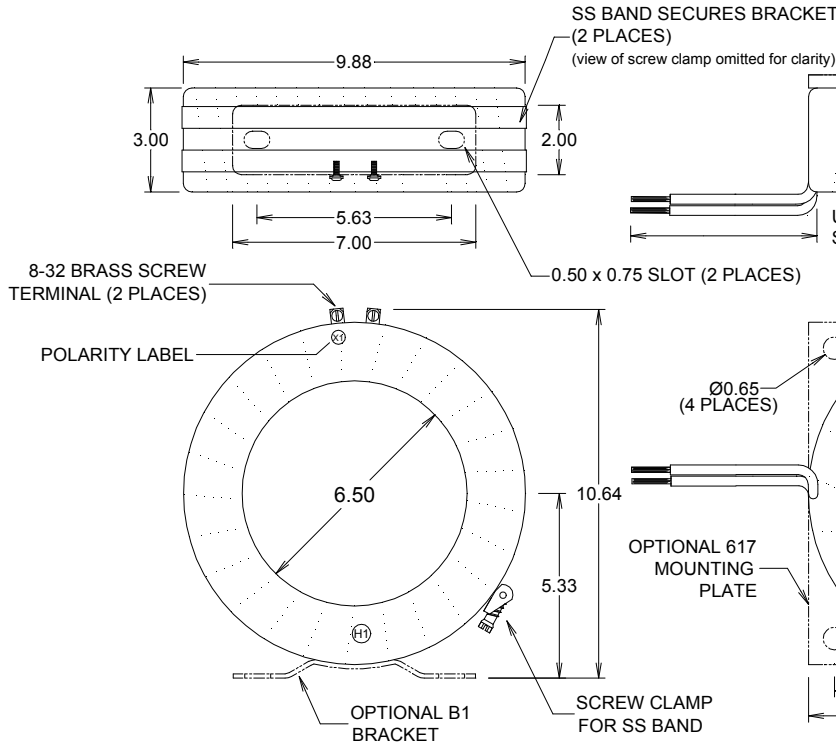
CURRENT TRANSFORMER MODEL 617

6.50" I.D.

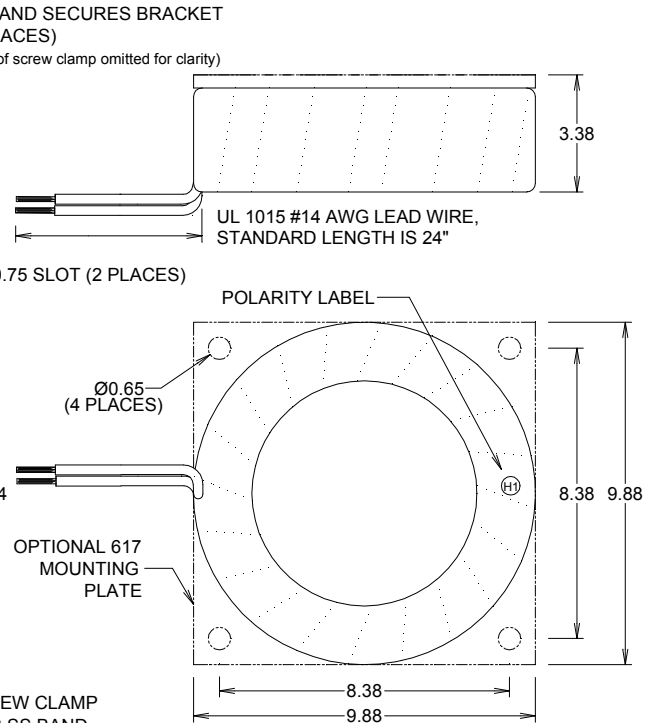
PAGE No 1-46

REV 18DEC00

TERMINAL OPTION



LEAD WIRE OPTION



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

Specifications

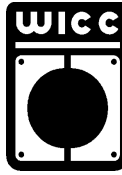
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 2.00 @ 30C for ratios up to 1500:5A, 1.50 @ 30C for ratios of 1500:5A up to 2000:5A, and 1.33 @ 30C for ratios above 2000:5A
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, CSA CAN3-C13-M83, and IEC 44-1
- Enclosure is 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

6.50" I.D.

CURRENT TRANSFORMER
MODEL 617

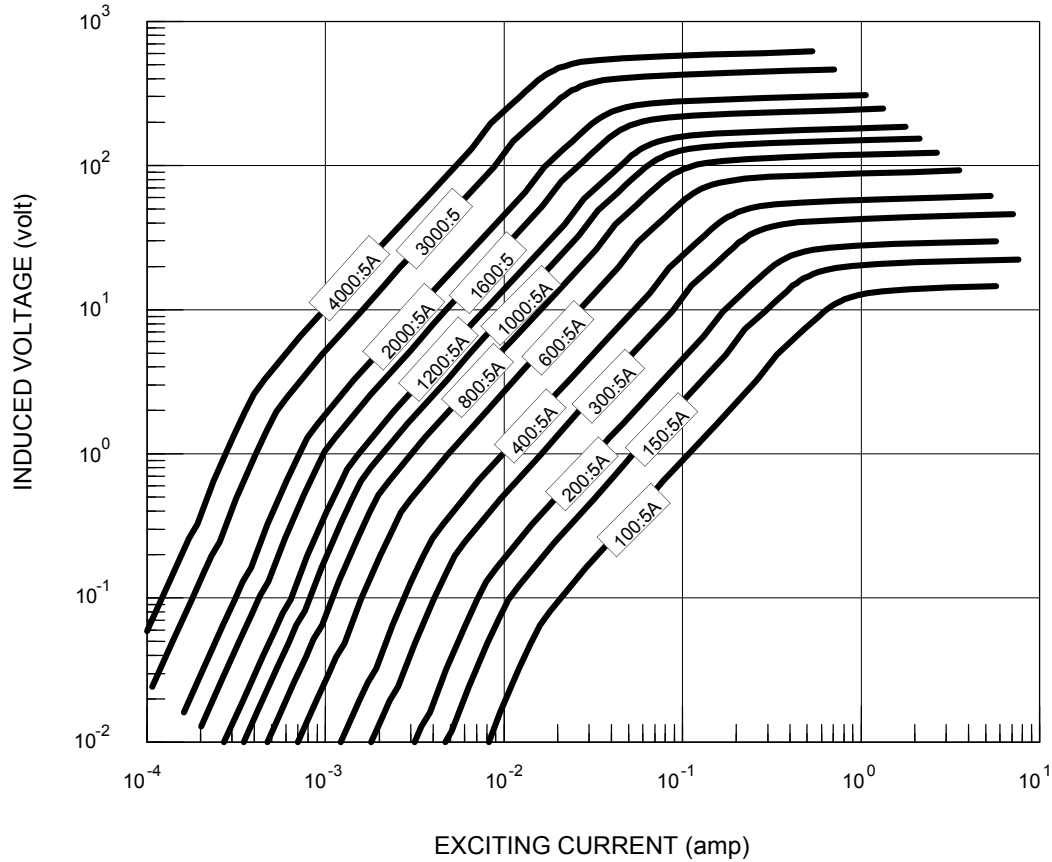


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PAGE No 1-47

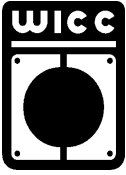
REV 18DEC00

TYPICAL EXCITATION CURVE for WICC MODEL 617 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		
617-100-00-xxx	100:5A	1.2	-	-	-	-	C10	0.03
617-150-00-xxx	150:5A	1.2	1.2	-	-	-	C10	0.05
617-200-00-xxx	200:5A	0.6	0.6	1.2	-	-	C20	0.07
617-300-00-xxx	300:5A	0.3	0.3	0.6	1.2	-	C20	0.10
617-400-00-xxx	400:5A	0.3	0.3	0.6	0.6	1.2	C50	0.13
617-600-00-xxx	600:5A	0.3	0.3	0.3	0.3	0.6	C50	0.20
617-800-00-xxx	800:5A	0.3	0.3	0.3	0.3	0.3	C100	0.27
617-1000-00-xxx	1000:5A	0.3	0.3	0.3	0.3	0.3	C100	0.33
617-1200-00-xxx	1200:5A	0.3	0.3	0.3	0.3	0.3	C100	0.39
617-1600-00-xxx	1600:5A	0.3	0.3	0.3	0.3	0.3	C200	0.65
617-2000-00-xxx	2000:5A	0.3	0.3	0.3	0.3	0.3	C200	1.3
617-3000-00-xxx	3000:5A	0.3	0.3	0.3	0.3	0.3	C200	2.0
617-4000-00-xxx	4000:5A	0.3	0.3	0.3	0.3	0.3	C400	2.6

* "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.)



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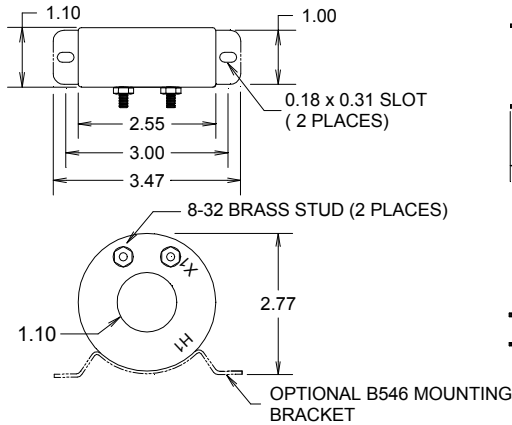
CURRENT TRANSFORMER MODEL 635

1.10" I.D.

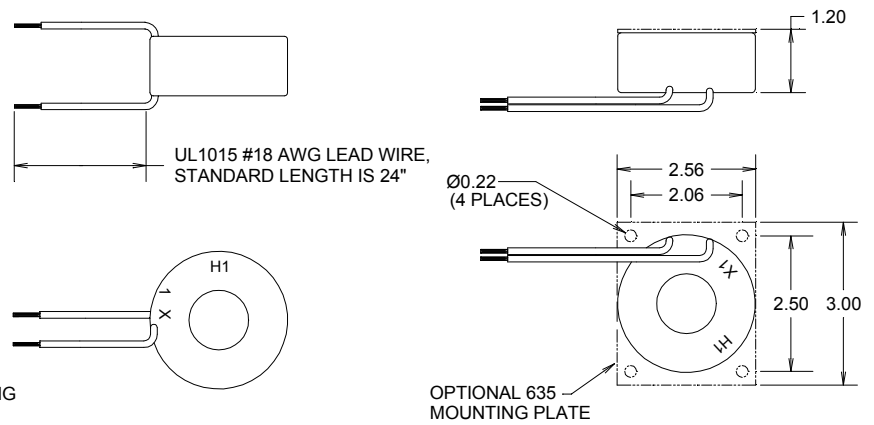
PAGE No 1-48

REV 18DEC00

TERMINAL OPTION



LEAD WIRE OPTION



NOTE:
 1) ALL DIMENSIONS IN INCHES
 2) ALL DIMENSIONS REF ONLY

Specifications

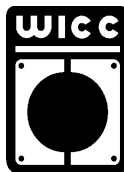
- Secondary sources 1 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, CSA CAN3-C13-M83, and IEC 44-1
- Enclosure is glass-filled nylon, color is black
- Optional plate is XX phenolic, 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 amperage. Other non-standard ratings also available.
- 5, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 Brass Stud Terminals or #18 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios.
- Center tap and custom multi tap winding arrangements

1.10" I.D.

CURRENT TRANSFORMER
MODEL 635

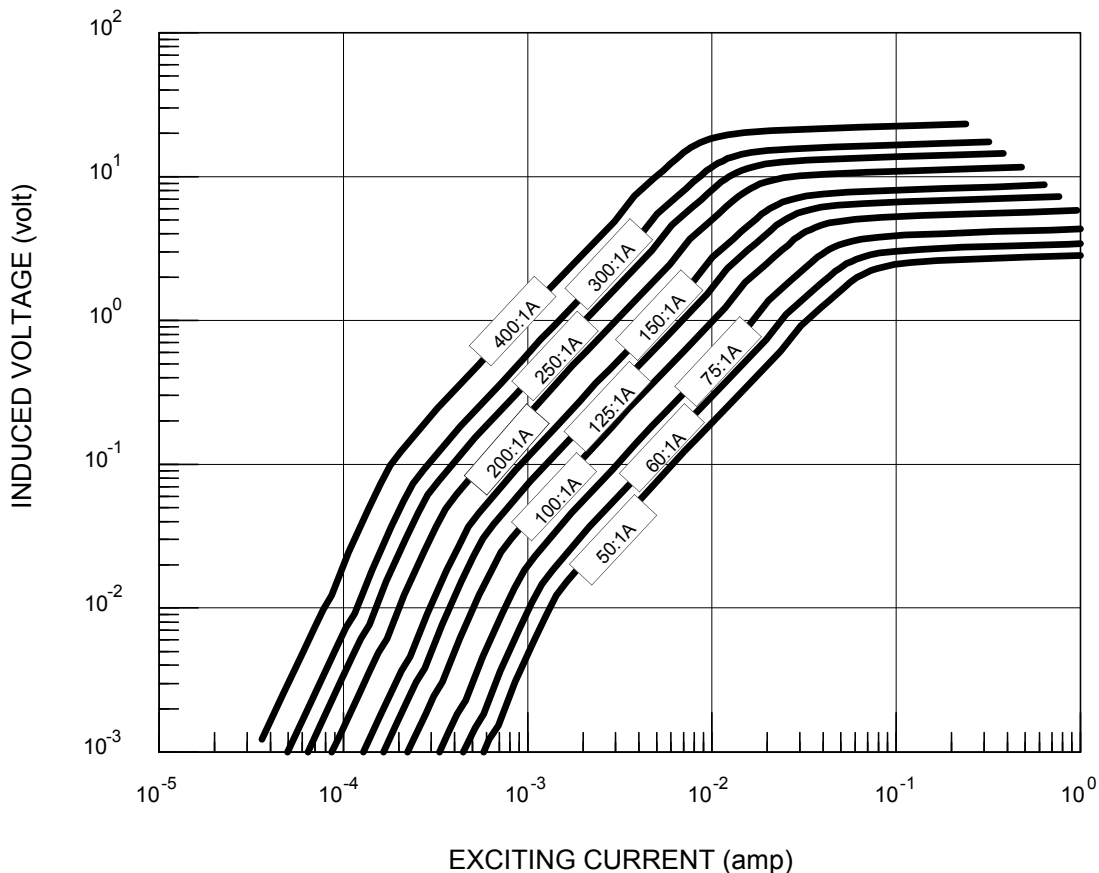


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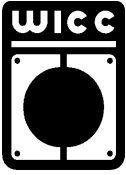
REV 18DEC00

TYPICAL EXCITATION CURVE for WICC MODEL 635 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
635-050-01-xxx	50:1A	3.0	1.0	0.05
635-060-01-xxx	60:1A	2.0	1.0	0.06
635-075-01-xxx	75:1A	1.5	1.0	0.15
635-100-01-xxx	100:1A	1.0	1.0	0.31
635-125-01-xxx	125:1A	1.0	2.0	0.38
635-150-01-xxx	150:1A	1.0	3.0	0.57
635-200-01-xxx	200:1A	1.0	5.0	0.95
635-250-01-xxx	250:1A	1.0	7.5	1.20
635-300-01-xxx	300:1A	1.0	10	1.45
635-400-01-xxx	400:1A	1.0	15	2.00

* "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.)



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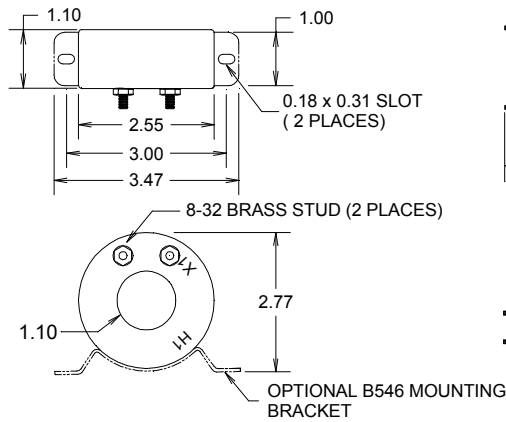
CURRENT TRANSFORMER MODEL 636

1.10" I.D.

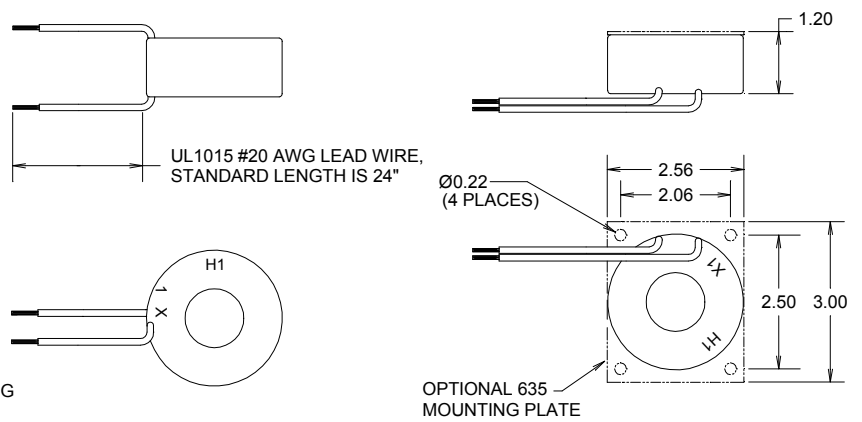
PAGE No 1-50

REV 18DEC00

TERMINAL OPTION



LEAD WIRE OPTION



NOTE:
 1) ALL DIMENSIONS IN INCHES
 2) ALL DIMENSIONS REF ONLY

Specifications

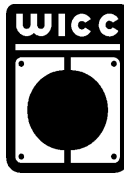
- Secondary sources 0.1 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, CSA CAN3-C13-M83, and IEC 44-1
- Enclosure is glass-filled nylon, color is black
- Optional plate is XX phenolic, optional bracket is steel

Options, contact Factory for information

- UL and Canadian UL Recognized Component. File E100575
- Thermal ratings above 1.33 for selected ratios.
- 2.0, 5.0, and 10 VAC output at F.S. primary amperage. Other non-standard ratings also available.
- Center tap and custom multi tap winding arrangements
- 5, 1, and 0.2 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 Brass Stud Terminals or #20 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types

1.10" I.D.

CURRENT TRANSFORMER
MODEL 636

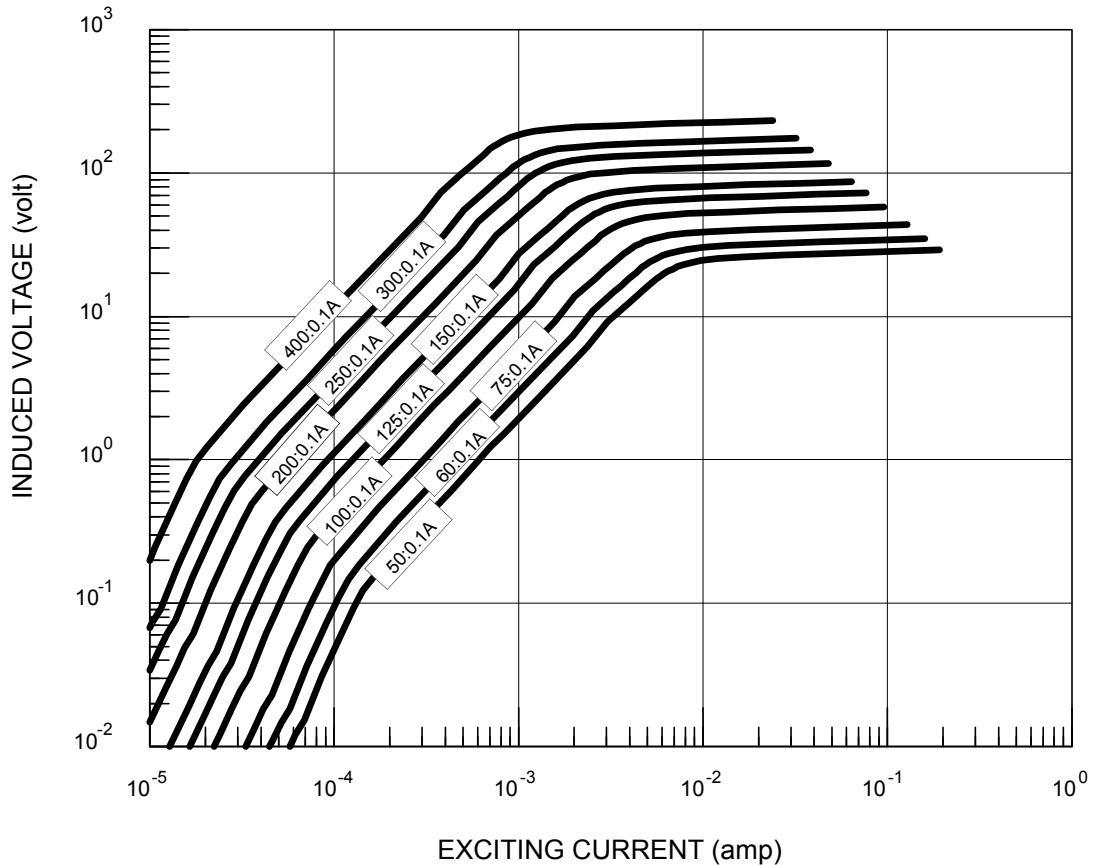


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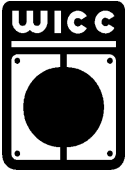
REV 18DEC00

TYPICAL EXCITATION CURVE for WICC MODEL 636 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (ohm)	
636-050-02-xxx	50:0.1A	1.0	20	5.9
636-060-02-xxx	60:0.1A	1.0	30	7.1
636-075-02-xxx	75:0.1A	1.0	50	9.1
636-100-02-xxx	100:0.1A	1.0	100	20
636-125-02-xxx	125:0.1A	1.0	175	25
636-150-02-xxx	150:0.1A	1.0	275	30
636-200-02-xxx	200:0.1A	1.0	500	40
636-250-02-xxx	250:0.1A	1.0	750	65
636-300-02-xxx	300:0.1A	1.0	1150	80
636-400-02-xxx	400:0.1A	1.0	1600	160

* "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.)



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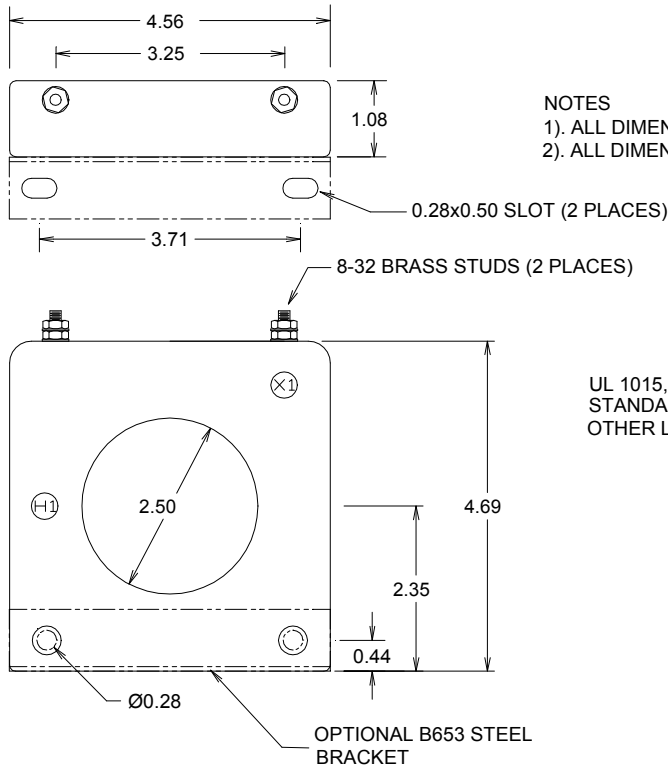
CURRENT TRANSFORMER MODEL 652

2.50" I.D.

PAGE No 1-52

REV 18DEC00

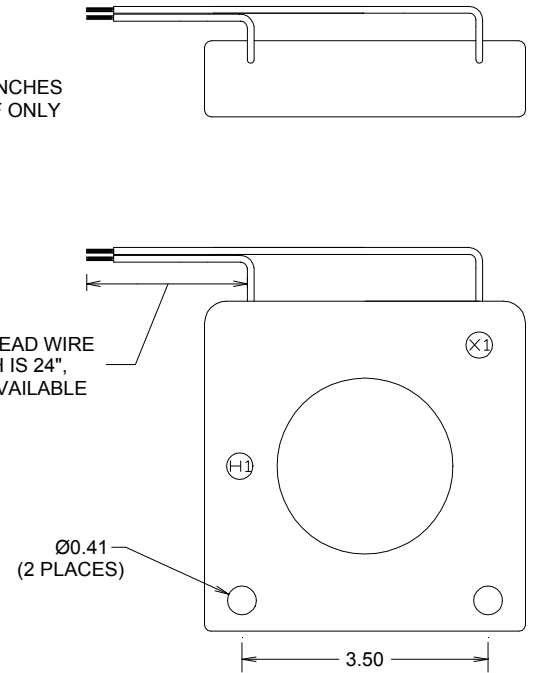
TERMINAL OPTION



NOTES

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

LEAD WIRE OPTION



UL 1015, #18 AWG LEAD WIRE
 STANDARD LENGTH IS 24",
 OTHER LENGTHS AVAILABLE

Specifications

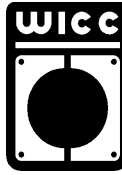
- Secondary sources 1 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, CSA CAN3-C13-M83, and 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.
- 5, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available.
- 8-32 Brass Studs or #18 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 652F for flange design).
- Center tap and custom multi tap winding arrangements

2.50" I.D.

CURRENT TRANSFORMER
MODEL 652

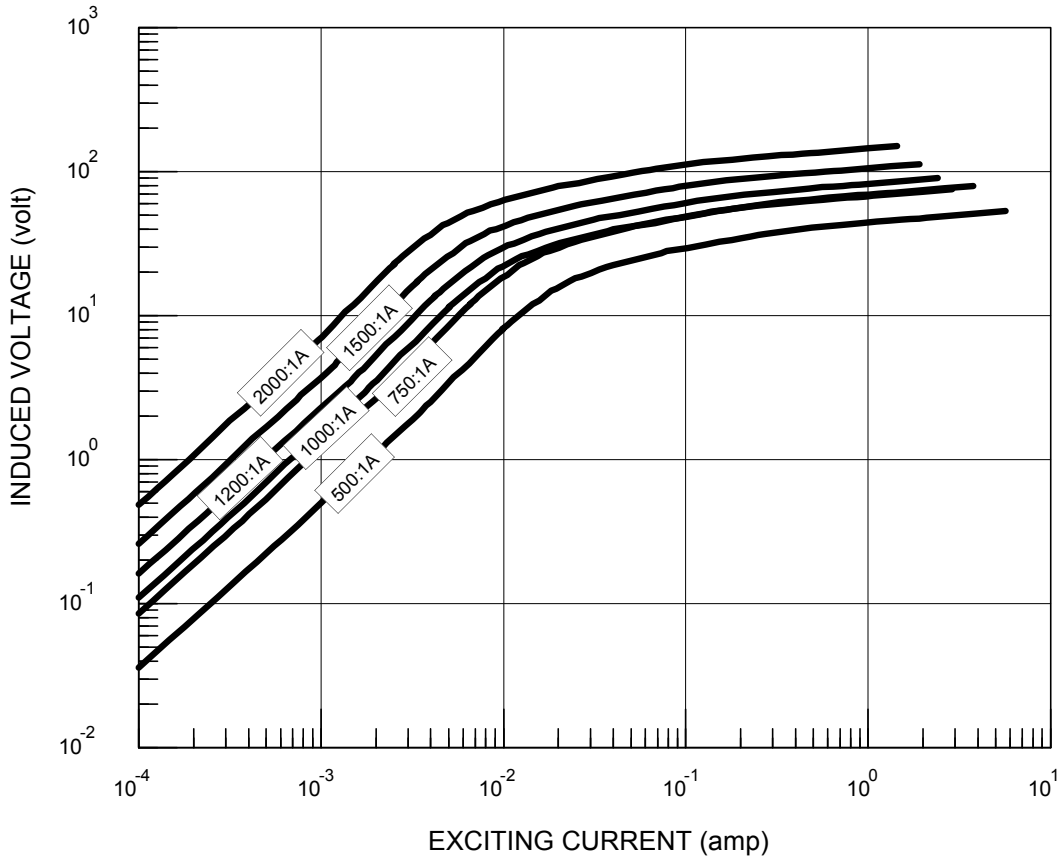


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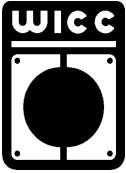
REV 18DEC00

TYPICAL EXCITATION CURVE for WICC MODEL 652 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
652-500-01-xxx	500:1A	1.0	7.5	2.4
652-750-01-xxx	750:1A	1.0	15	3.6
652-1000-01-xxx	1000:1A	1.0	15	5.4
652-1200-01-xxx	1200:1A	1.0	20	6.6
652-1500-01-xxx	1500:1A	1.0	25	8.4
652-2000-01-xxx	2000:1A	1.0	30	12

* "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.)



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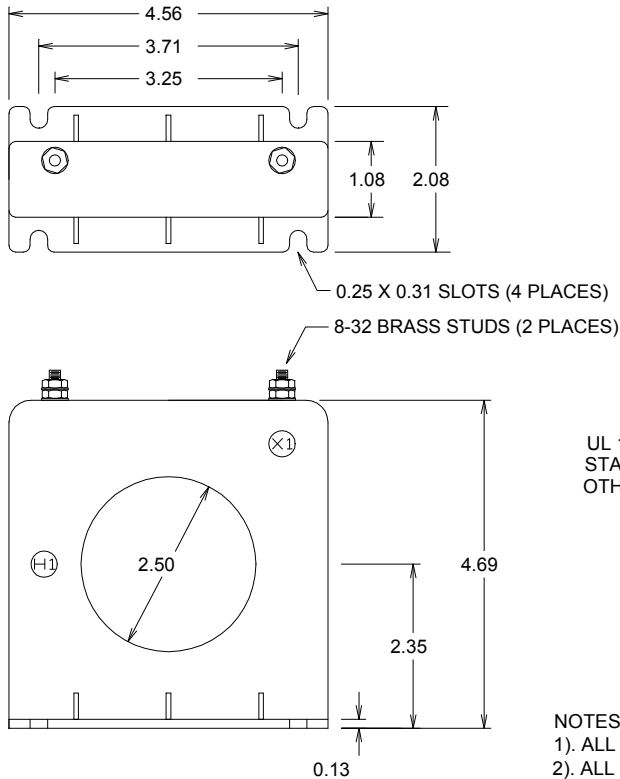
CURRENT TRANSFORMER MODEL 652F

2.50" I.D.

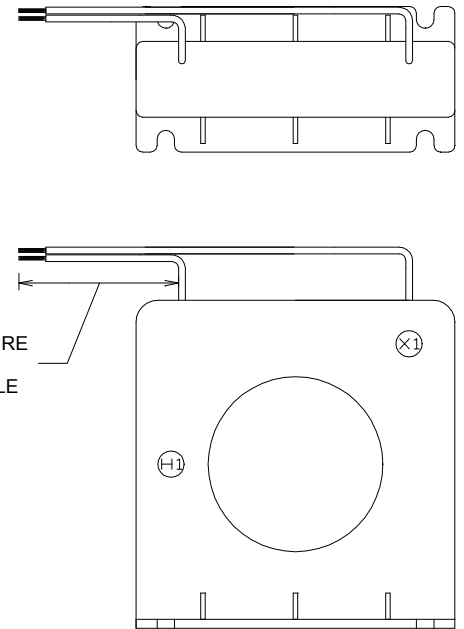
PAGE No 1-54

REV 18DEC00

TERMINAL OPTION



LEAD WIRE OPTION



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

Specifications

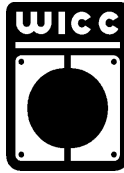
- Secondary sources 1 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, CSA CAN3-C13-M83, and 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.
- 5, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 Brass Studs or #18 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 652 for no-flange design).
- Center tap and custom multi tap winding arrangements

2.50" I.D.

CURRENT TRANSFORMER
MODEL 652F

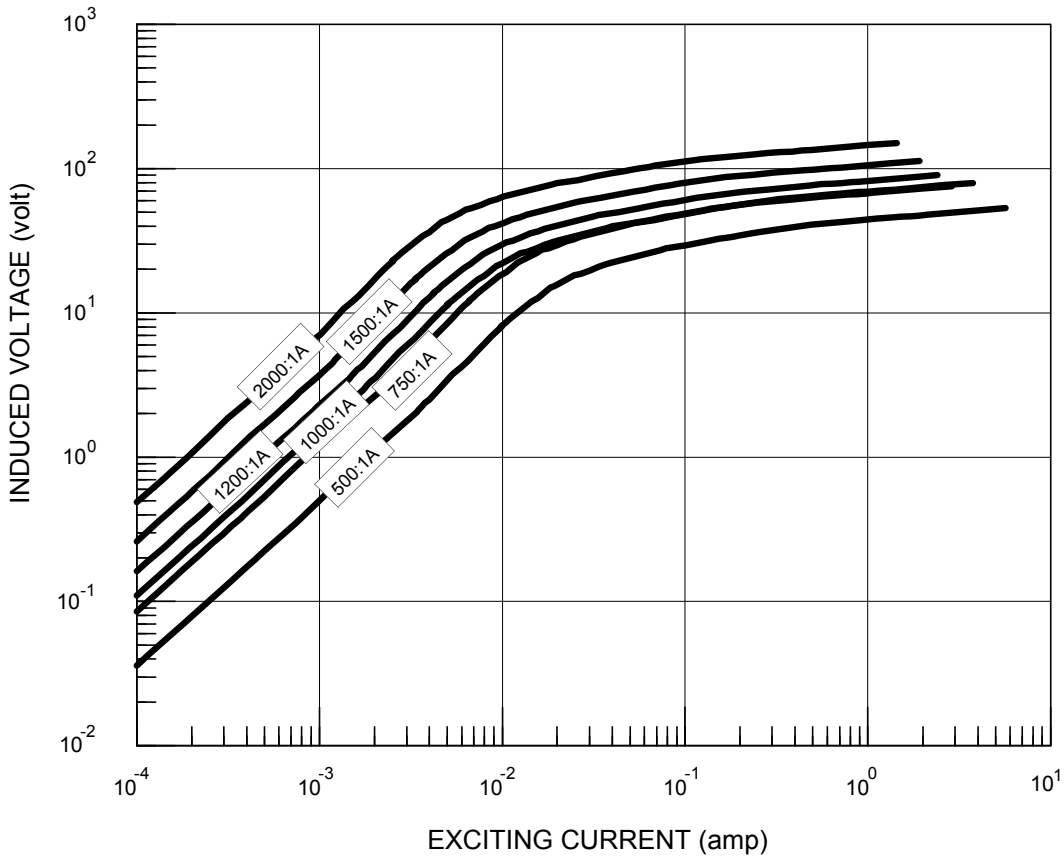


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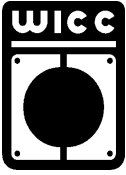
REV 18DEC00

TYPICAL EXCITATION CURVE for WICC MODEL 652F at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
652F-500-01-xxx	500:1A	1.0	7.5	2.4
652F-750-01-xxx	750:1A	1.0	15	3.6
652F-1000-01-xxx	1000:1A	1.0	15	5.4
652F-1200-01-xxx	1200:1A	1.0	20	6.6
652F-1500-01-xxx	1500:1A	1.0	25	8.4
652F-2000-01-xxx	2000:1A	1.0	30	12

* "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.)



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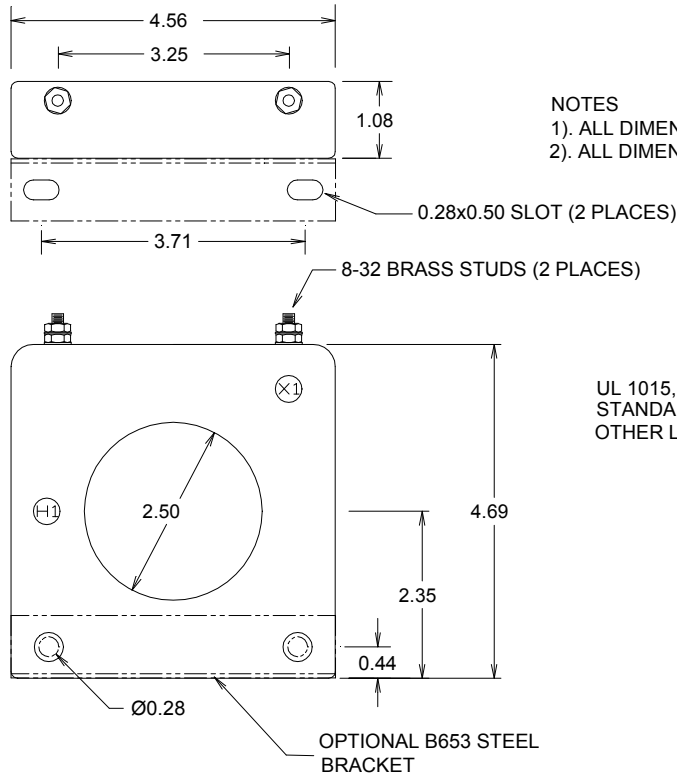
CURRENT TRANSFORMER MODEL 653

2.50" I.D.

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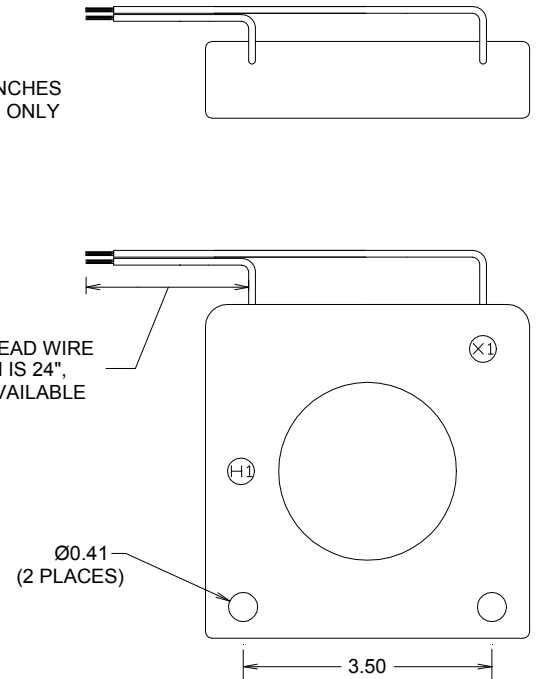
TERMINAL OPTION



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

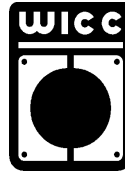
- UL and Canadian UL Recognized Component. File E100575.
- 2.0, 5.0, and 10 VAC output at F.S. primary amperage. Other non-standard ratings also available.
- 1, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available.
- 8-32 Brass Studs or #16 AWG UL 1015 Lead Wires.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

2.50" I.D.

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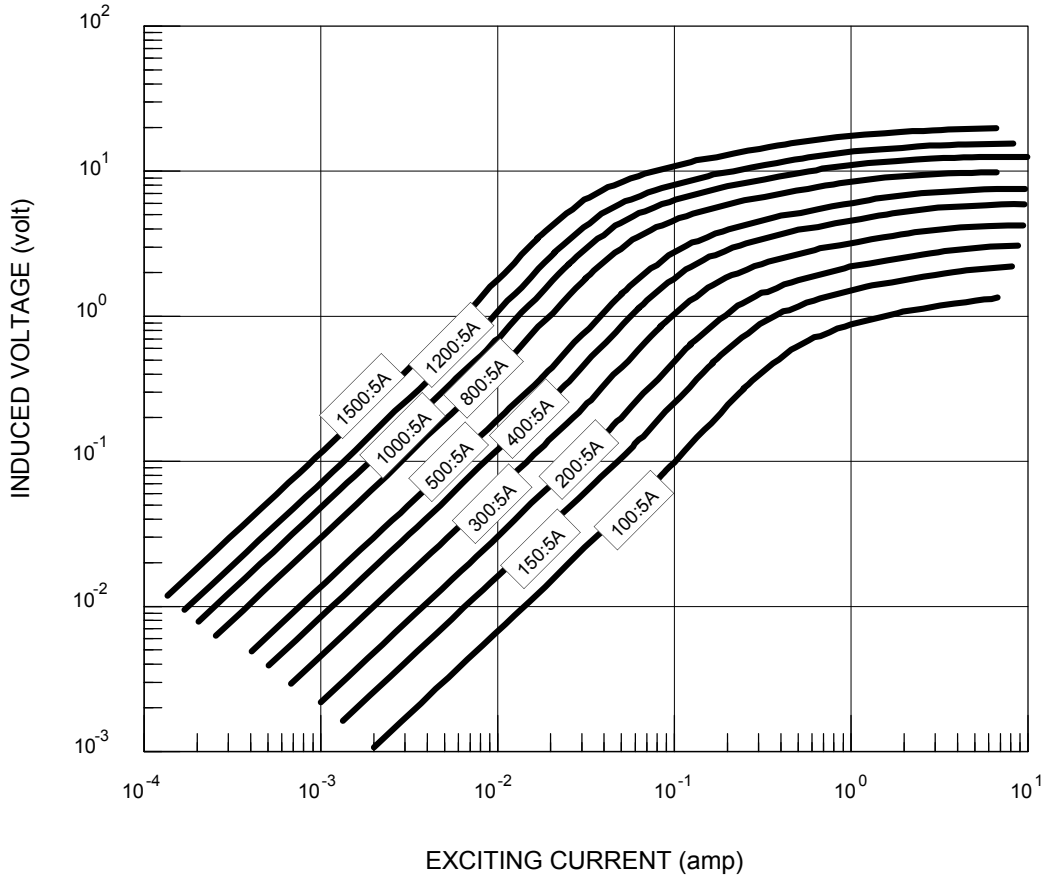
REV 18DEC00

CURRENT TRANSFORMER
MODEL 653



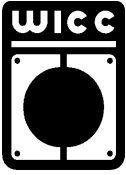
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TYPICAL EXCITATION CURVE for WICC MODEL 653 and 653F at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
653-100-00-xxx	100:5A	3.0	2.0	0.02
653-150-00-xxx	150:5A	1.5	2.0	0.03
653-200-00-xxx	200:5A	1.0	2.0	0.04
653-250-00-xxx	250:5A	1.0	2.0	0.04
653-300-00-xxx	300:5A	1.0	2.0	0.05
653-400-00-xxx	400:5A	1.0	4.0	0.10
653-500-00-xxx	500:5A	1.0	6.5	0.12
653-600-00-xxx	600:5A	1.0	10	0.14
653-800-00-xxx	800:5A	1.0	15	0.19
653-1000-00-xxx	1000:5A	1.0	15	0.22
653-1200-00-xxx	1200:5A	1.0	20	0.27
653-1500-00-xxx	1500:5A	1.0	20	0.42
653-1600-00-xxx	1600:5A	1.0	25	0.45

* "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.)



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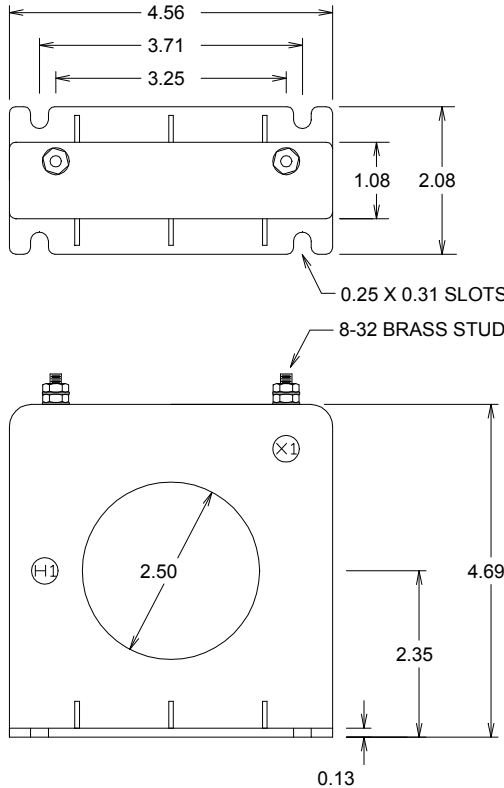
CURRENT TRANSFORMER MODEL 653F

2.50" I.D.

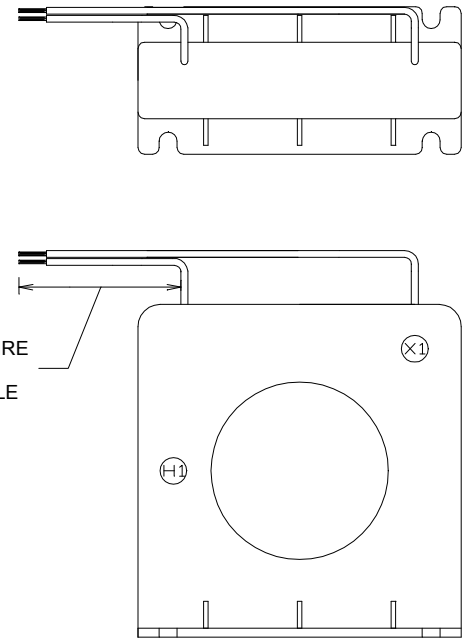
PAGE No 1-58

REV 18DEC00

TERMINAL OPTION



LEAD WIRE 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 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 653 for no-flange design).
- Center tap and custom multi tap winding arrangements

2.50" I.D.

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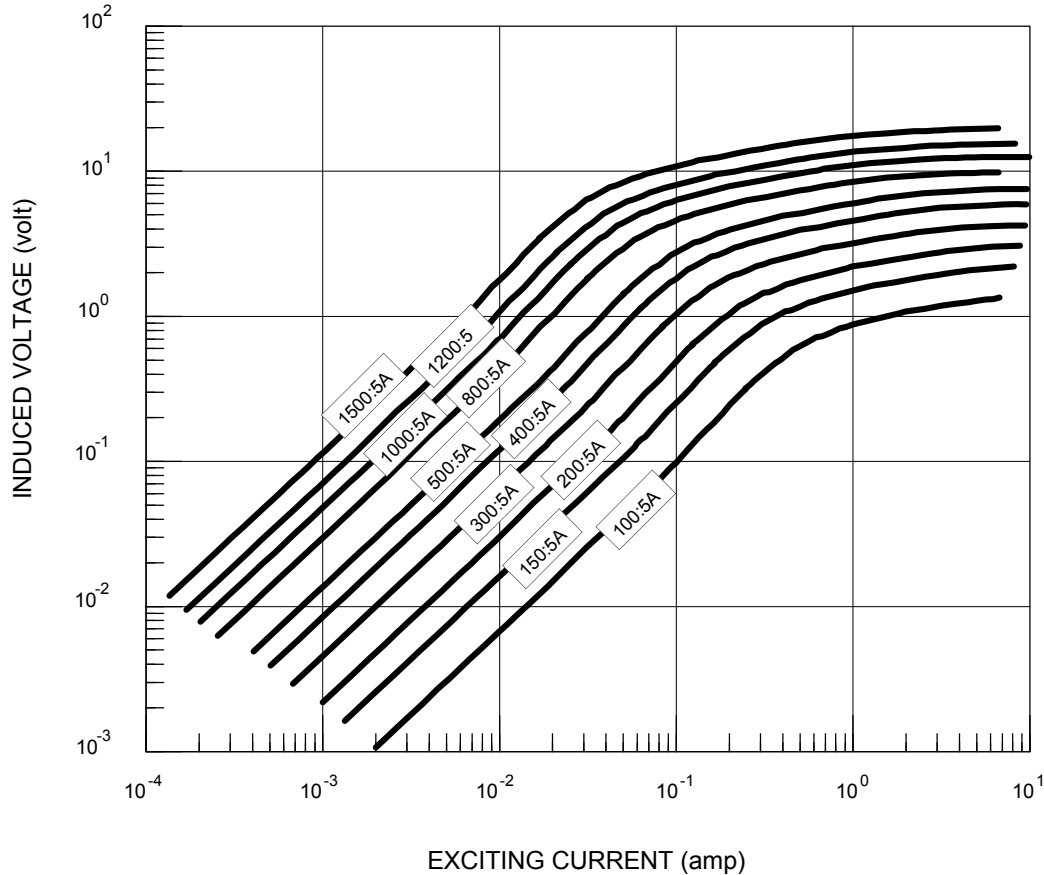
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CURRENT TRANSFORMER
MODEL 653F



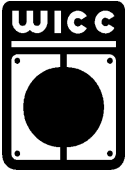
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TYPICAL EXCITATION CURVE for WICC MODEL 653 and 653F at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
653F-100-00-xxx	100:5A	3.0	2.0	0.02
653F-150-00-xxx	150:5A	1.5	2.0	0.03
653F-200-00-xxx	200:5A	1.0	2.0	0.04
653F-250-00-xxx	250:5A	1.0	2.0	0.04
653F-300-00-xxx	300:5A	1.0	2.0	0.05
653F-400-00-xxx	400:5A	1.0	4.0	0.10
653F-500-00-xxx	500:5A	1.0	6.5	0.12
653F-600-00-xxx	600:5A	1.0	10	0.14
653F-750-00-xxx	750:5A	1.0	15	0.19
653F-1000-00-xxx	1000:5A	1.0	15	0.22
653F-1200-00-xxx	1200:5A	1.0	20	0.27
653F-1500-00-xxx	1500:5A	1.0	20	0.42
653F-1600-00-xxx	1600:5A	1.0	25	0.45

* "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.)



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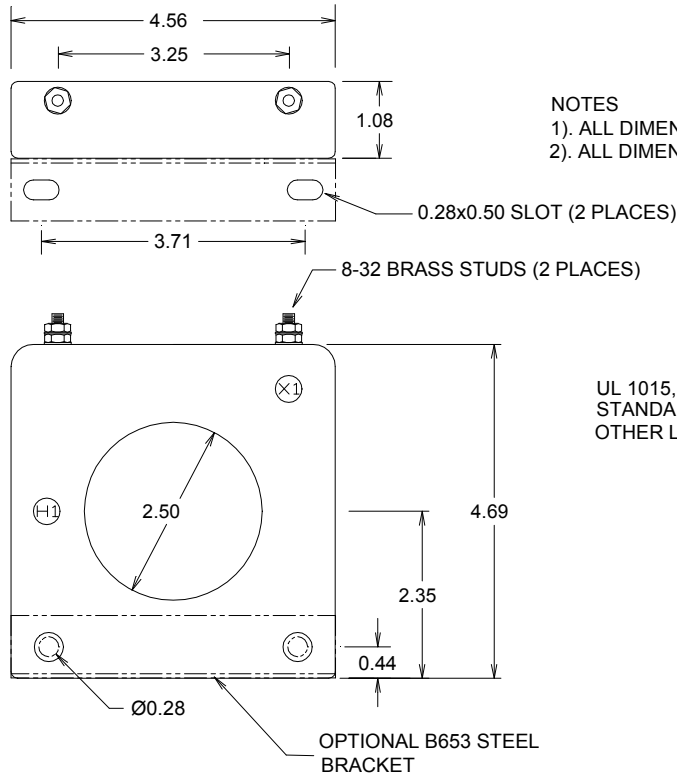
CURRENT TRANSFORMER MODEL 653X

2.50" I.D.

PAGE No 1-60

REV 18DEC00

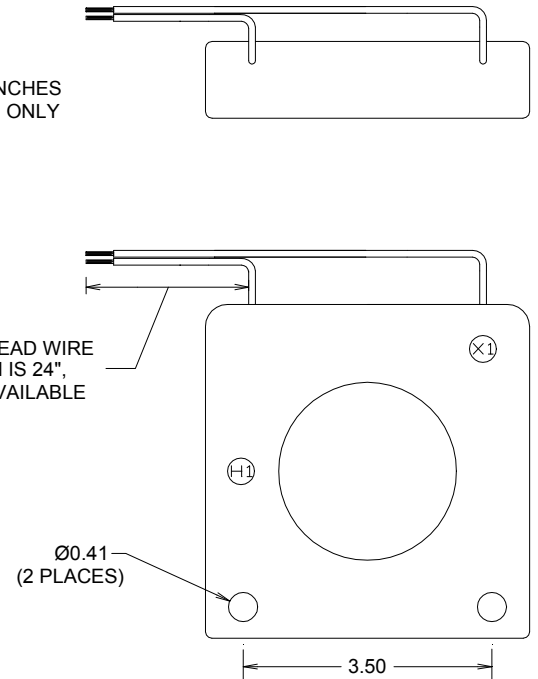
TERMINAL OPTION



NOTES

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

LEAD WIRE OPTION



UL 1015, #16 AWG LEAD WIRE
 STANDARD LENGTH IS 24",
 OTHER LENGTHS AVAILABLE

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

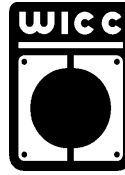
- UL and Canadian UL Recognized Component. File E100575.
- 2.0, 5.0, and 10 VAC output at F.S. primary amperage. Other non-standard ratings also available.
- 1, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available.
- 8-32 Brass Studs or #16 AWG UL 1015 Lead Wires.
- 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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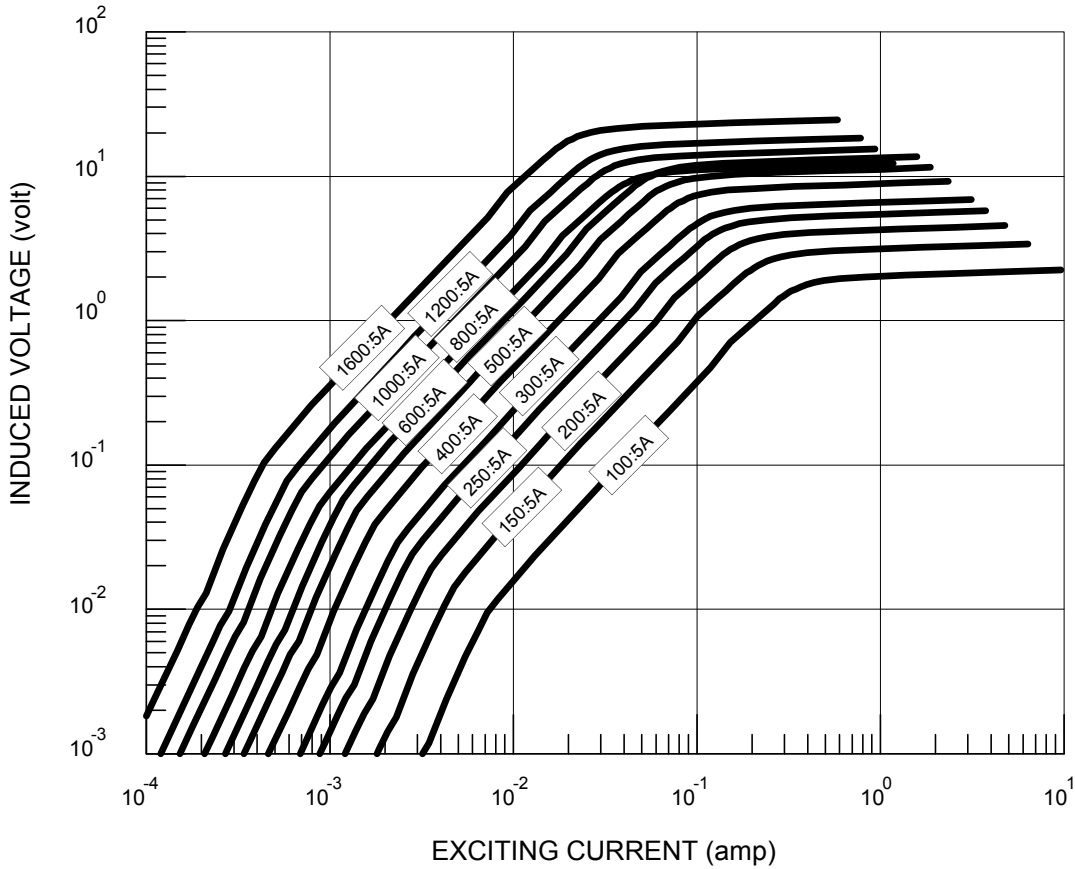
REV 18DEC00

CURRENT TRANSFORMER
MODEL 653X



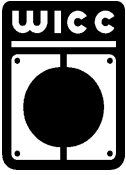
W.I.C.C. Ltd
 119 MULLER RD
 PO Box 252
 WASHINGTON IL 61571
 (309)-444-4125
 FAX (309)-444-3313

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.)



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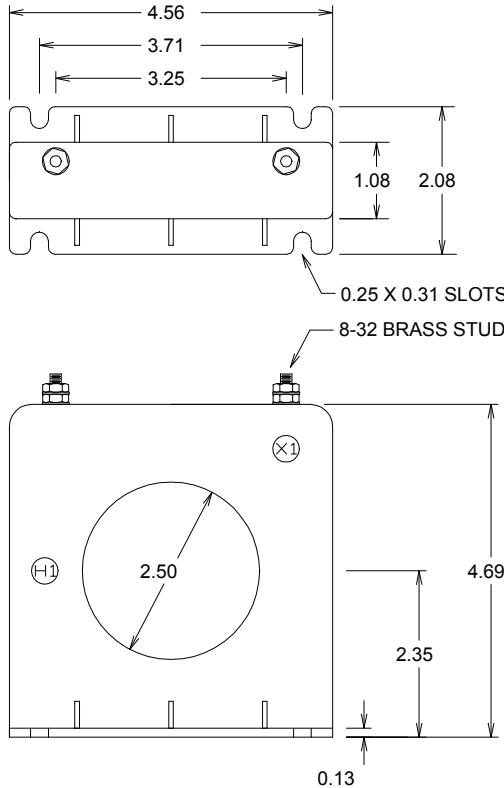
CURRENT TRANSFORMER MODEL 653FX

2.50" I.D.

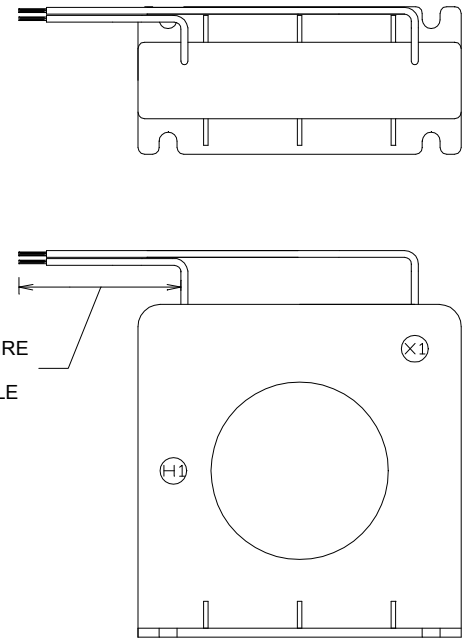
PAGE No 1-62

REV 18DEC00

TERMINAL OPTION



LEAD WIRE 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 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

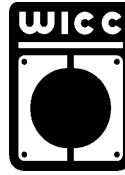
- UL and Canadian UL Recognized Component. File E100575.
- 2.0, 5.0, and 10 VAC output at F.S. primary amperage. Other non-standard ratings also available.
- 1, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 Brass Studs or #16 AWG UL 1015 Lead Wires.
- Custom lead wire lengths and types.
- Thermal ratings above 1.33 for selected ratios.
- Housing with or without mounting flange (See Model 653X for no-flange design).
- Center tap and custom multi tap winding arrangements

2.50" I.D.

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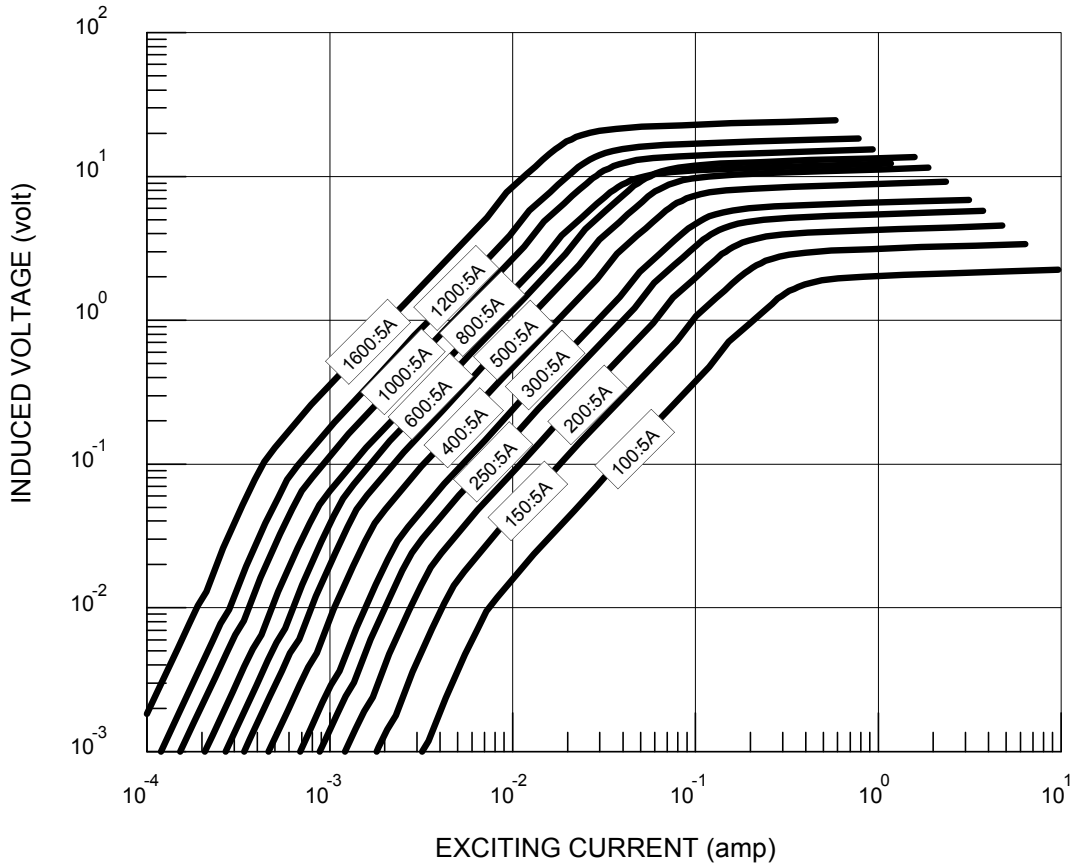
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CURRENT TRANSFORMER
MODEL 653FX



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TYPICAL EXCITATION CURVE for WICC MODEL 653FX at 60HZ



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



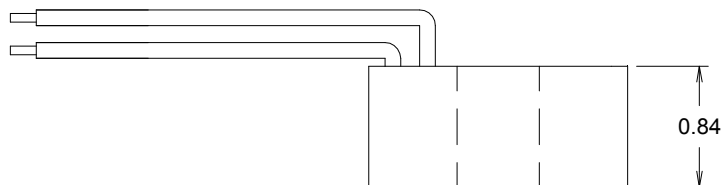
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CURRENT TRANSFORMER MODEL 1306

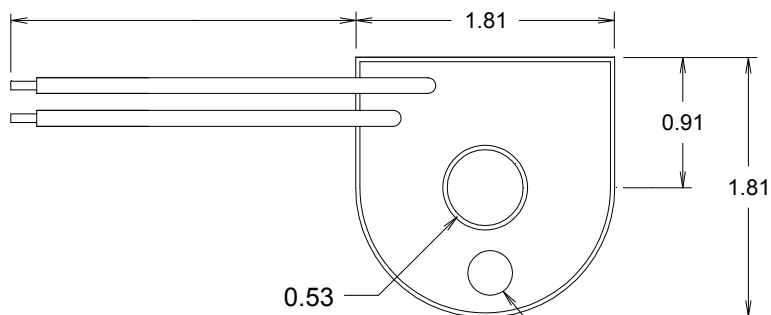
0.53" I.D.

PAGE No 1-64

REV 18DEC00



UL 1015 #18 AWG LEAD WIRE,
STANDARD LENGTH IS 24"



NOTES:
1) ALL DIMENSIONS IN INCHES
2) ALL DIMENSIONS REF ONLY

Specifications

- Secondary sources 1 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for all ratios
- 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
- Fully potted construction. Cup material is DAP, resin is UL94 VO , color is black

Options, contact Factory for information

- 2.0, 5.0, and 10 VAC output at F.S. primary amperage. Other non-standard ratings also available.
- 1.0 and 0.2 A output at F.S. primary amperage. Other non-standard ratings also available
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios.
- Center tap and custom multi tap winding arrangements

0.53" I.D.

PAGE No 1-65

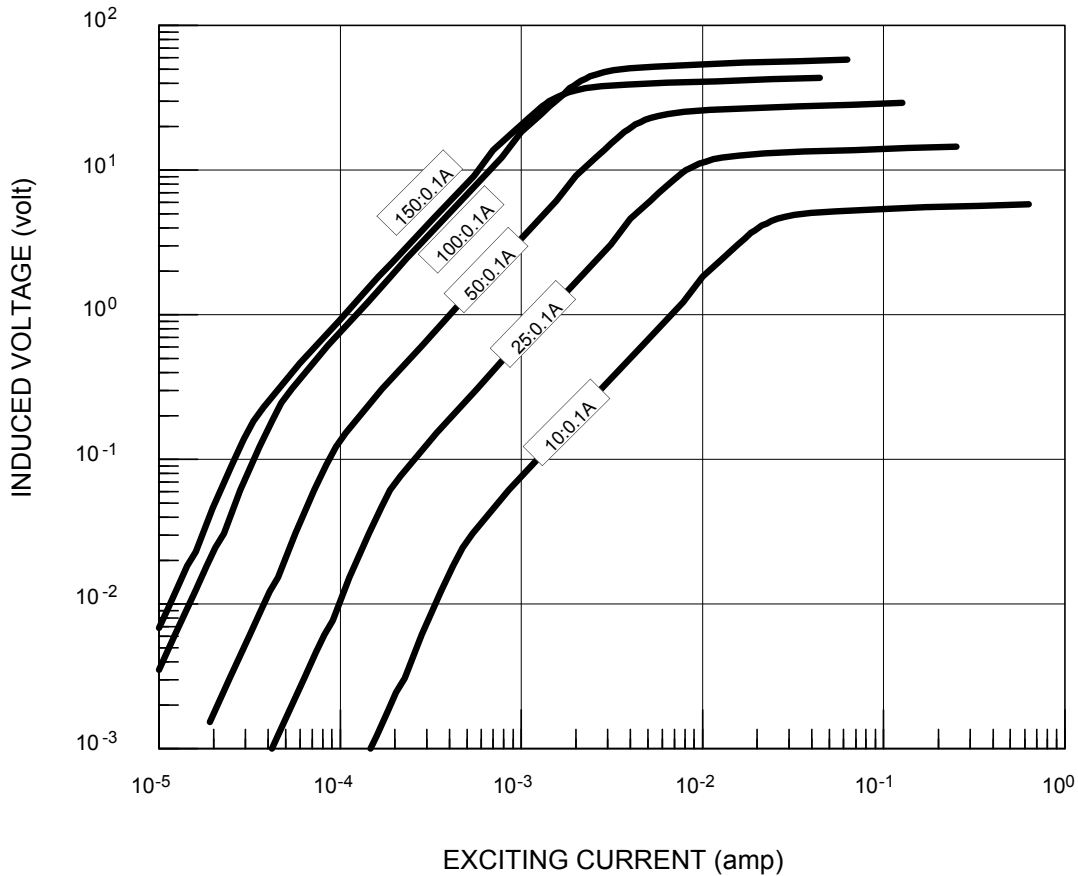
REV 18DEC00

CURRENT TRANSFORMER
MODEL 1306



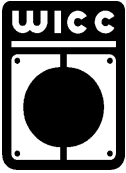
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TYPICAL EXCITATION CURVE for WICC MODEL 1306 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (ohm)	
1306-010-02-Lxxx	10:0.1A	2.5	4.0	0.45
1306-025-02-Lxxx	25:0.1A	1.0	10	1.8
1306-050-02-Lxxx	50:0.1A	1.0	40	14
1306-100-02-Lxxx	100:0.1A	1.0	150	36
1306-150-02-Lxxx	150:0.1A	1.0	150	41

* "Lxxx" describes LEAD WIRE termination where "xxx" is the lead length in inches. For example, "L24" represents 24 inch long lead wires.



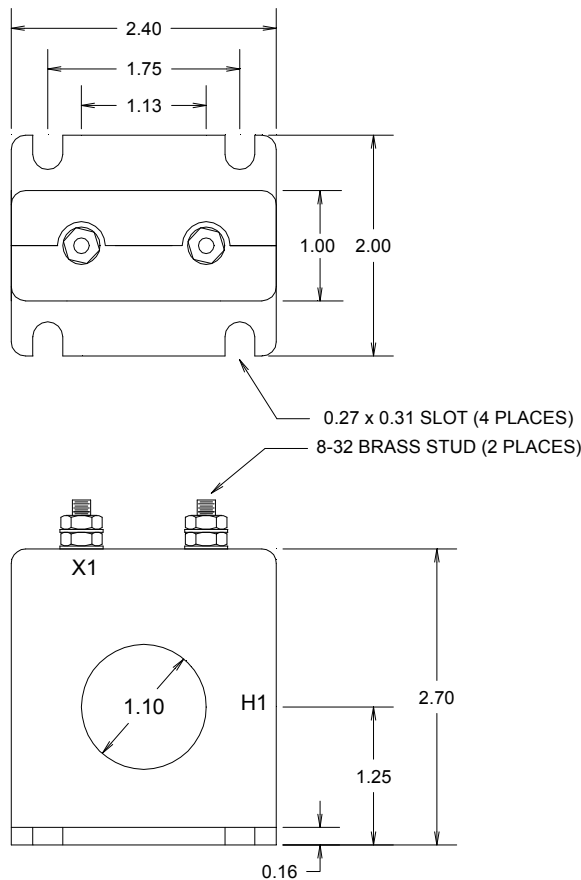
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CURRENT TRANSFORMER MODEL 2559

1.10" I.D.

PAGE No 1-66

REV 18DEC00



NOTE:

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

Specifications

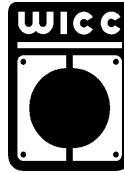
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, CSA CAN3-C13-M83, and IEC 44-1
- Enclosure is 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, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- Thermal ratings above 1.33 for selected ratios.

1.10" I.D.

CURRENT TRANSFORMER
MODEL 2559

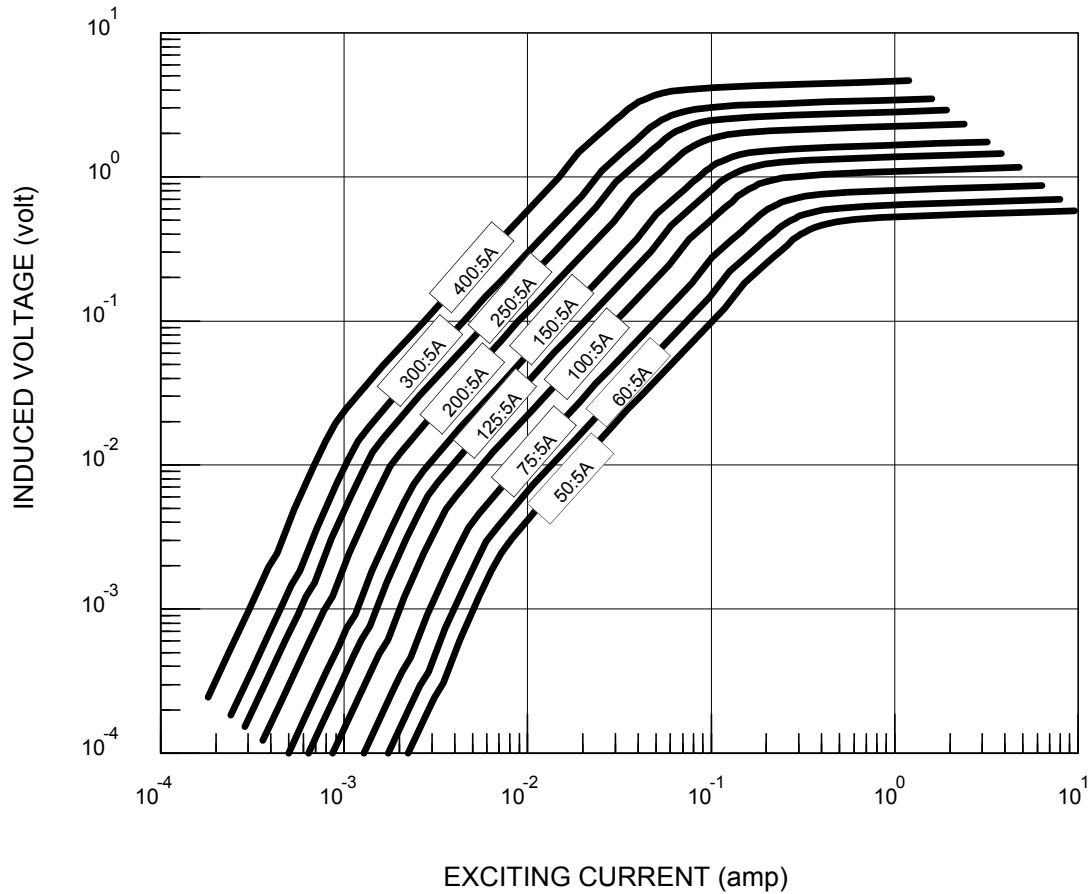


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PAGE No 1-67

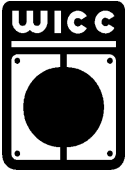
REV 18DEC00

TYPICAL EXCITATION CURVE for WICC MODEL 2559 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
2559-050-00-xxx	50:5A	3.0	2.0	0.007
2559-060-00-xxx	60:5A	2.0	2.0	0.008
2559-075-00-xxx	75:5A	2.0	2.0	0.01
2559-100-00-xxx	100:5A	1.0	2.0	0.02
2559-125-00-xxx	125:5A	1.0	2.5	0.025
2559-150-00-xxx	150:5A	1.0	4.0	0.03
2559-200-00-xxx	200:5A	1.0	5.0	0.04
2559-250-00-xxx	250:5A	1.0	7.5	0.052
2559-300-00-xxx	300:5A	1.0	10	0.062
2559-400-00-xxx	400:5A	1.0	15	0.083

* "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.)



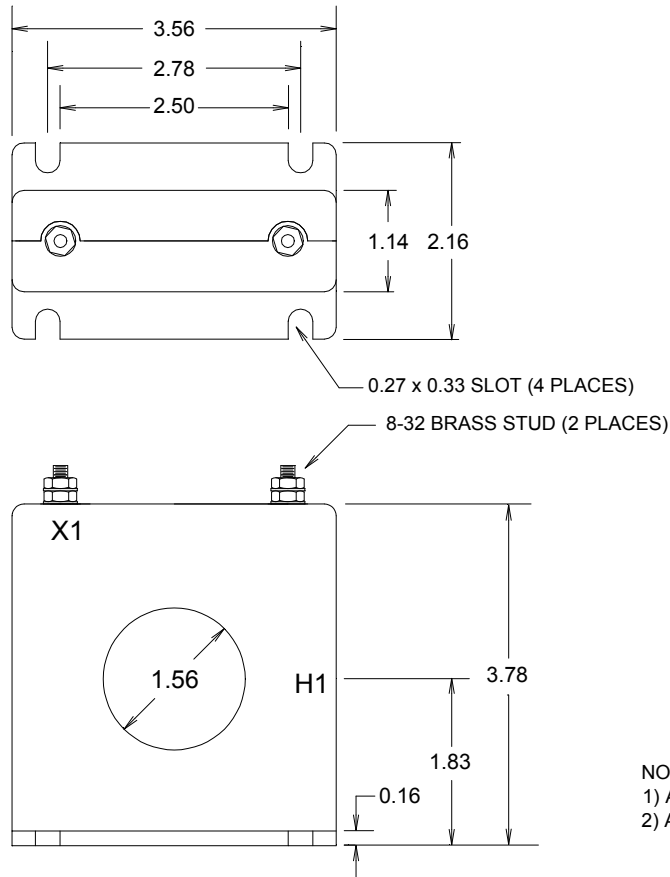
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CURRENT TRANSFORMER MODEL 2560

1.56" I.D.

PAGE No 1-68

REV 18DEC00



NOTE:
1) ALL DIMENSIONS IN INCHES
2) ALL DIMENSIONS REF ONLY

Specifications

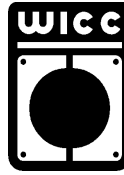
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for ratios thru 1000:5A, 1.15 @ 30C for ratios above 1000:5A
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, CSA CAN3-C13-M83, and IEC 44-1
- Enclosure is 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, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- Thermal ratings above 1.33 for selected ratios.

1.56" I.D.

CURRENT TRANSFORMER
MODEL 2560

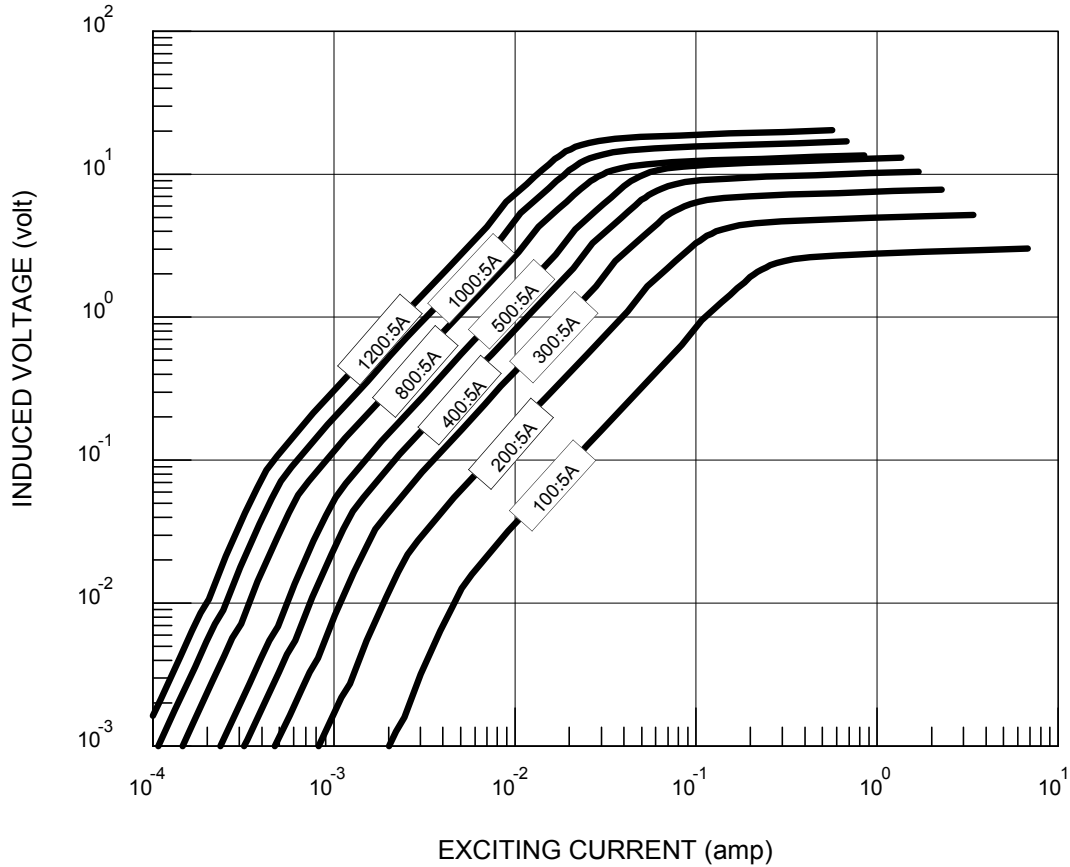


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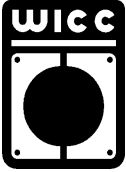
REV 18DEC00

TYPICAL EXCITATION CURVE for WICC MODEL 2560 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
2560-050-00-xxx	50:5A	3.0	2.0	0.01
2560-100-00-xxx	100:5A	1.0	2.0	0.02
2560-200-00-xxx	200:5A	1.0	7.5	0.06
2560-250-00-xxx	250:5A	1.0	12	0.07
2560-300-00-xxx	300:5A	1.0	20	0.09
2560-400-00-xxx	400:5A	1.0	30	0.11
2560-500-00-xxx	500:5A	1.0	45	0.14
2560-600-00-xxx	600:5A	1.0	35	0.14
2560-800-00-xxx	800:5A	1.0	50	0.19
2560-1000-00-xxx	1000:5A	1.0	60	0.24
2560-1200-00-xxx	1200:5A	1.0	75	0.37

* "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.)



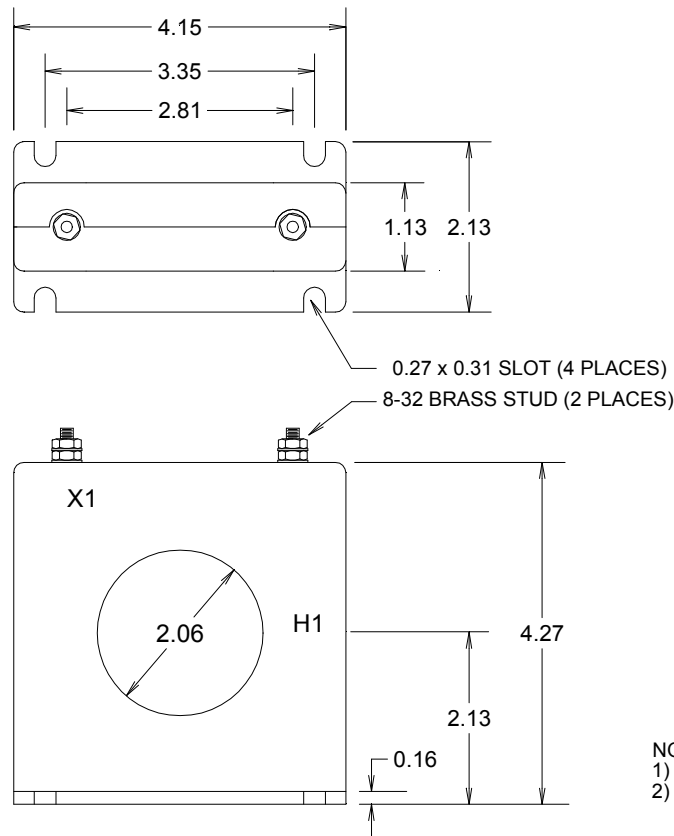
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CURRENT TRANSFORMER MODEL 2562

2.06" I.D.

PAGE No 1-70

REV 18DEC00



NOTE:
1) ALL DIMENSIONS IN INCHES
2) ALL DIMENSIONS REF ONLY

Specifications

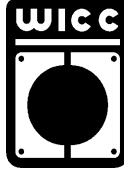
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for ratios thru 1000:5A, 1.15 @ 30C for ratios above 1000:5A
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents 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.
- Thermal ratings above 1.33 for selected ratios

2.06" I.D.

CURRENT TRANSFORMER
MODEL 2562

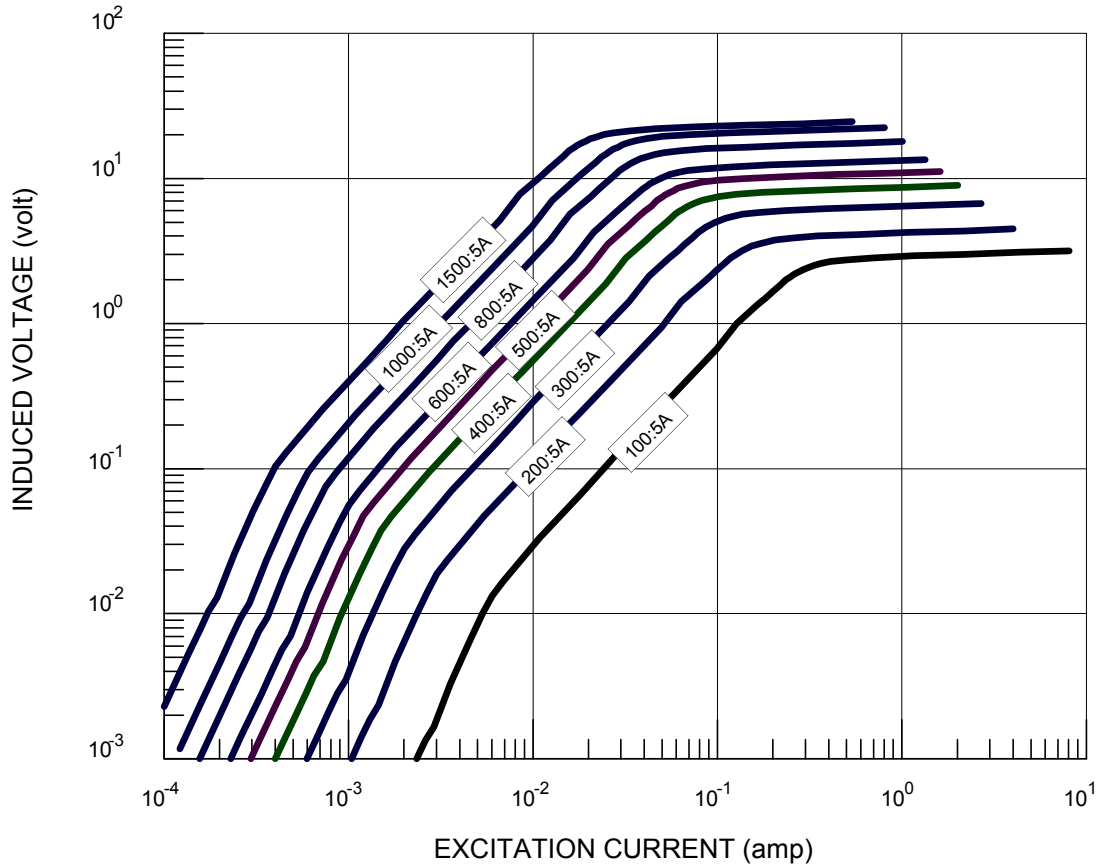


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REV 18DEC00

TYPICAL EXCITATION CURVE for WICC MODEL 2562 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
2562-100-00-xxx	100:5A	2.0	2.0	0.03
2562-150-00-xxx	150:5A	1.0	2.0	0.05
2562-200-00-xxx	200:5A	1.0	5.0	0.06
2562-300-00-xxx	300:5A	1.0	12	0.08
2562-400-00-xxx	400:5A	1.0	25	0.11
2562-500-00-xxx	500:5A	1.0	35	0.13
2562-600-00-xxx	600:5A	1.0	50	0.16
2562-800-00-xxx	800:5A	1.0	70	0.21
2562-1000-00-xxx	1000:5A	1.0	80	0.27
2562-1200-00-xxx	1200:5A	1.0	60	0.31
2562-1500-00-xxx	1500:5A	1.0	85	0.44

* "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.)



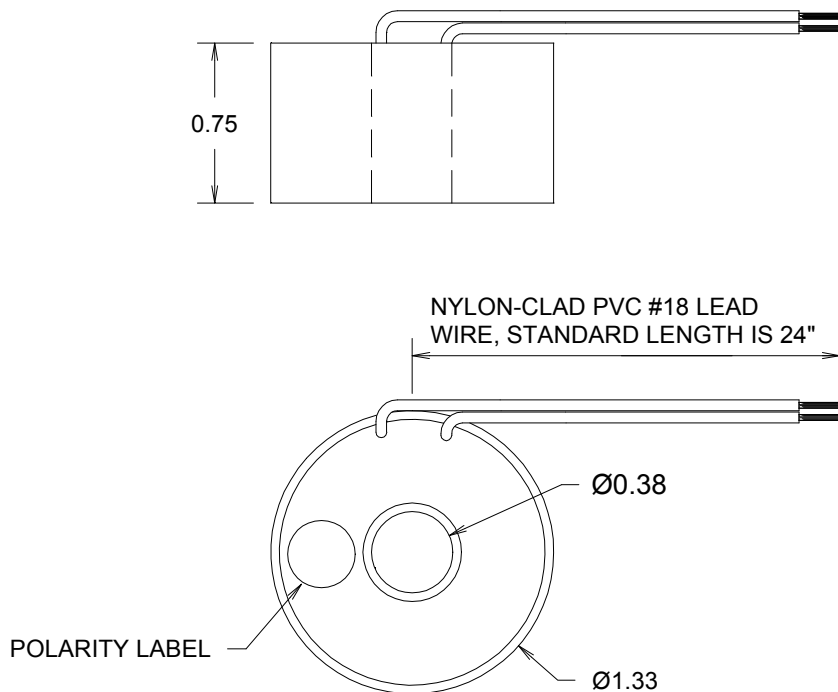
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CURRENT TRANSFORMER MODEL 2638

0.38" I.D.

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REV 18DEC00



NOTES:

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

Specifications

- Secondary sources 0.1 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for all ratios
- 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
- Fully potted construction. Cup material is DAP, resin is UL94 VO , color is black
- Lead wire is #18 nylon-clad PVC, 600V, 115C, MIL-W-16878/17

Options, contact Factory for information

- 1.0, 2.0, and 5.0 VAC output at F.S. primary amperage. Other non-standard ratings also available.
- 0.2 A output at F.S. primary amperage. Other non-standard ratings also available
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios.

0.38" I.D.

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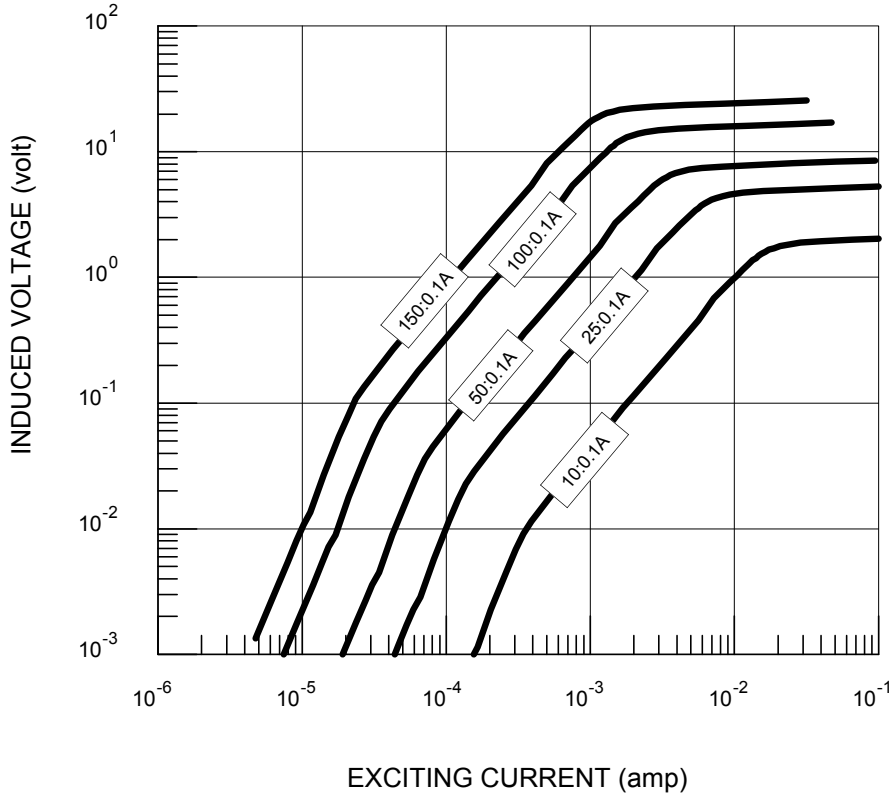
REV 18DEC00

CURRENT TRANSFORMER
MODEL 2638



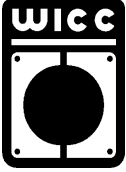
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TYPICAL EXCITATION CURVE for WICC MODEL 2638 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ, pf = 0.95		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (ohm)	
2638-010-02-Lxxx	10:0.1A	2.5	1	1
2638-025-02-Lxxx	25:0.1A	1.0	3	5
2638-050-02-Lxxx	50:0.1A	1.0	15	9
2638-100-02-Lxxx	100:0.1A	1.0	70	24
2638-150-02-Lxxx	150:0.1A	1.0	150	46

* "Lxxx" describes LEAD WIRE termination where "xxx" is the lead length in inches. For example, "L24" represents 24 inch long lead wires.



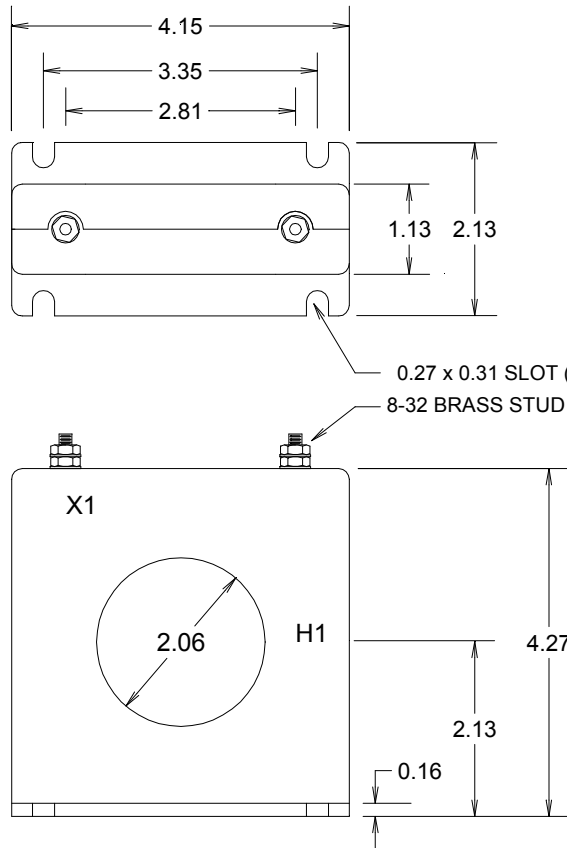
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CURRENT TRANSFORMER MODEL 2743

2.06" I.D.

PAGE No 1-74

REV 18DEC00



NOTE:
1) ALL DIMENSIONS IN INCHES
2) ALL DIMENSIONS REF ONLY

Specifications

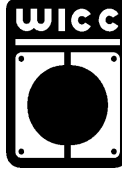
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for ratios thru 1000:5A, 1.15 @ 30C for ratios above 1000:5A
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents 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.
- Thermal ratings above 1.33 for selected ratios

2.06" I.D.

CURRENT TRANSFORMER
MODEL 2743

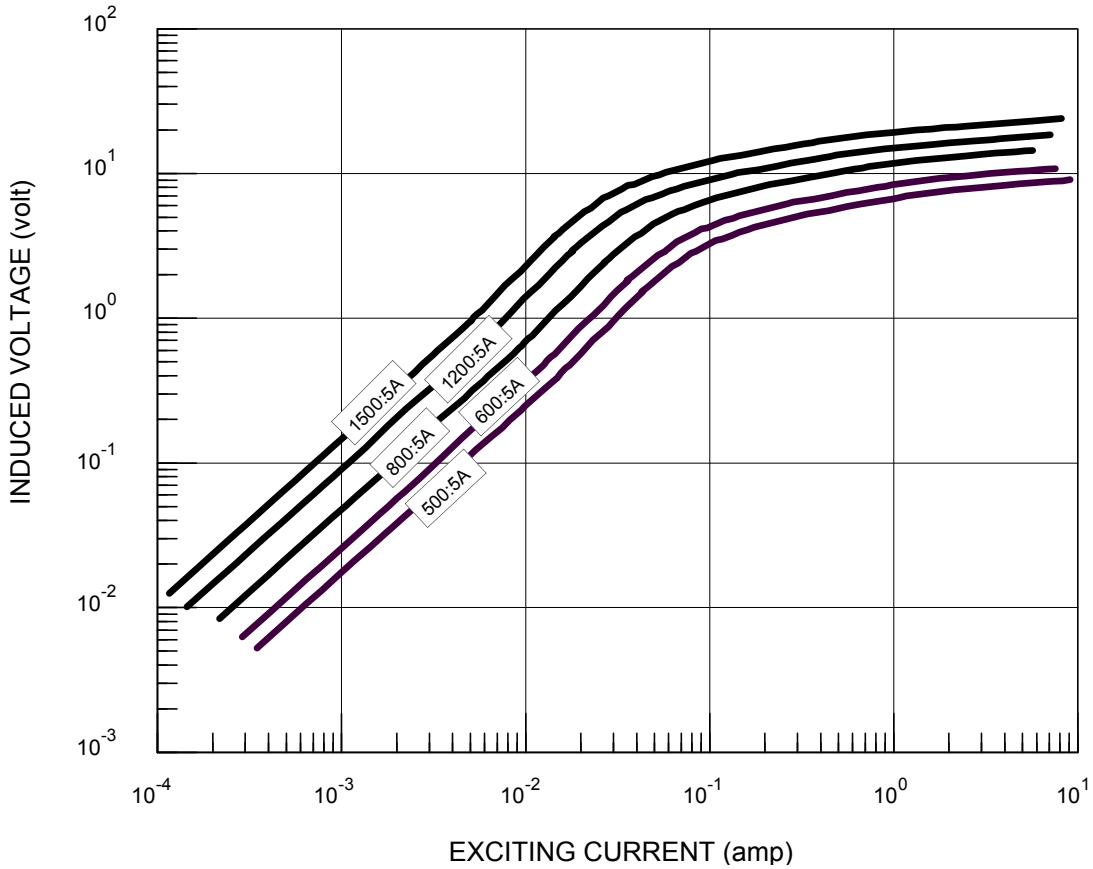


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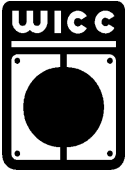
REV 18DEC00

TYPICAL EXCITATION CURVE for WICC MODEL 2743 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
2743-400-00-xxx	400:5A	1.0	5.0	0.10
2743-500-00-xxx	500:5A	1.0	8.0	0.13
2743-600-00-xxx	600:5A	1.0	12	0.15
2743-800-00-xxx	800:5A	1.0	20	0.21
2743-1200-00-xxx	1200:5A	1.0	25	0.36
2743-1500-00-xxx	1500:5A	1.0	35	0.48

* "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.)



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Large Frame Current Transformers...

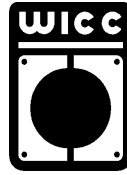
For measuring 50-400HZ currents in bus bar and other large conductor systems. Typical configuration is 400A to 12000A primary current with secondary of 1A or 5A (special secondary currents are also available). W.I.C.C. manufactures designs having inside areas as small as 3.00" x 7.00" and as large as 7.00" x 27.00" and 10.00" x 24.00". All models are available with optional mounting plates for "bulk-head" mounting. Some models are U.L. Recognized devices.

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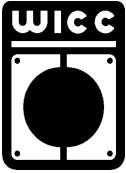
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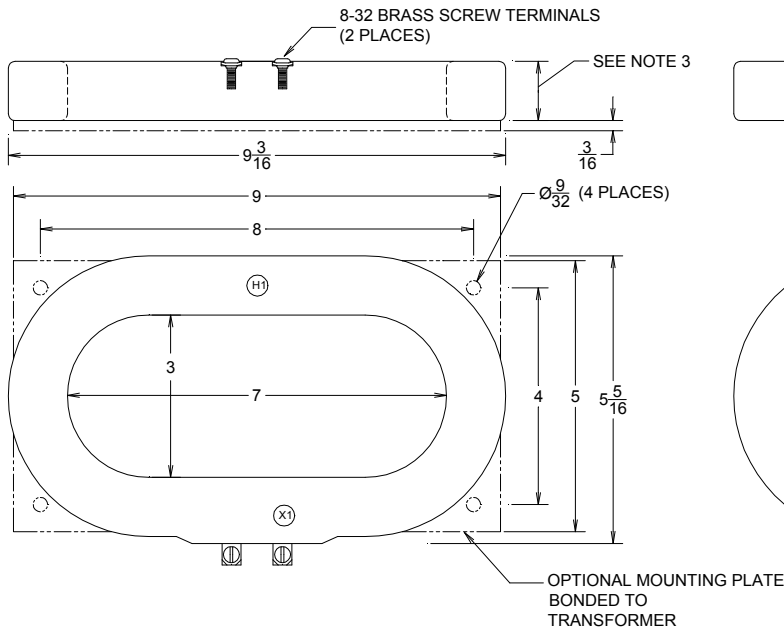
CURRENT TRANSFORMER MODEL J1

3" x 7"

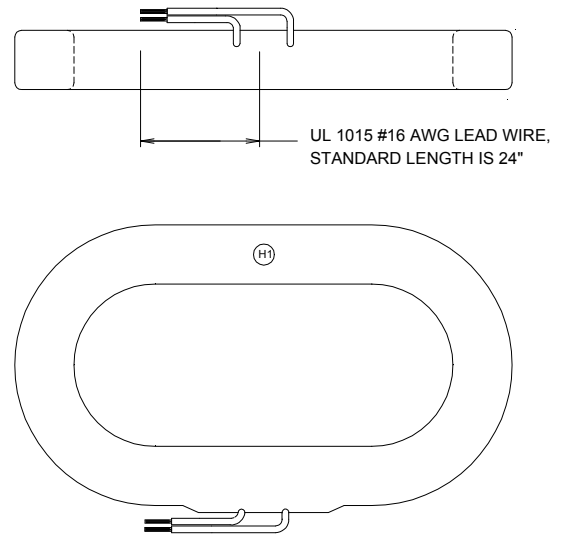
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REV 18DEC00

TERMINAL OPTION



LEAD WIRE OPTION



NOTES

- 1). ALL DIMENSIONS IN INCHES
- 2). ALL DIMENSIONS REF ONLY
- 3). HT = 1-1/2 FOR RATIOS UP TO 1750:5A
 HT = 1-3/8 FOR RATIOS 1750:5A TO 3000:5A
 HT = 1-1/8 FOR RATIOS ABOVE 3000:5A

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 all ratios
- 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 multi-layer tape buildup with heavy vinyl finish, color is black
- Optional plate is XX phenolic
- UL and Canadian UL Recognized Component. File E100575

Options, contact Factory for information

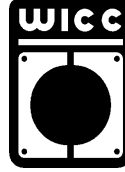
- 2.0, 5.0, and 10 VAC output at F.S. primary amperage. Other non-standard ratings also available.
- 1, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 Screw Terminals or #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios.
- Available with BB4 bus bar brackets. See Bracket Data Section for dimensions.

3" x 7"

CURRENT TRANSFORMER
MODEL J1

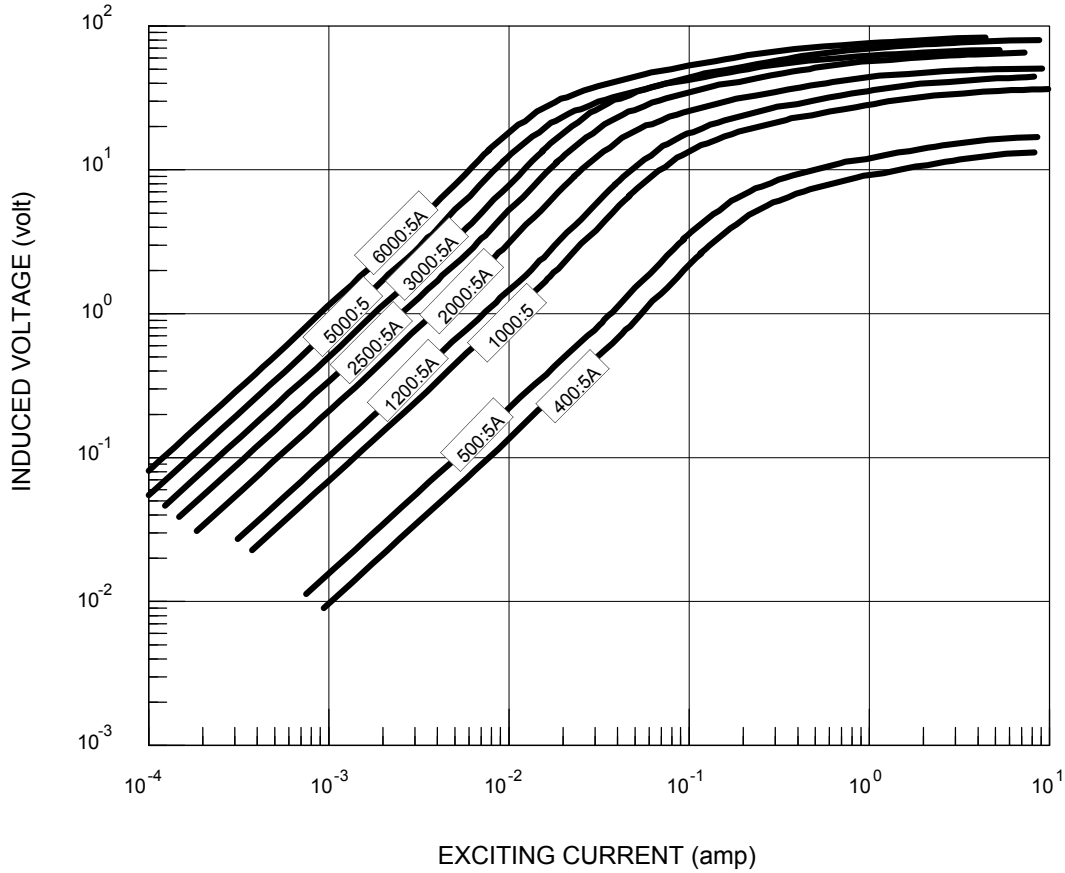
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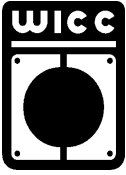
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TYPICAL EXCITATION CURVE for WICC MODEL J1 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
J1-400-00-xxx	400:5A	1.0	5.0	0.09
J1-500-00-xxx	500:5A	1.0	8.0	0.12
J1-600-00-xxx	600:5A	1.0	12	0.17
J1-1000-00-xxx	1000:5A	1.0	35	0.28
J1-1200-00-xxx	1200:5A	1.0	55	0.34
J1-1500-00-xxx	1500:5A	1.0	75	0.52
J1-1600-00-xxx	1600:5A	1.0	75	0.55
J1-2000-00-xxx	2000:5A	1.0	65	0.73
J1-2500-00-xxx	2500:5A	1.0	85	0.91
J1-3000-00-xxx	3000:5A	1.0	100	1.1
J1-4000-00-xxx	4000:5A	1.0	75	1.1
J1-5000-00-xxx	5000:5A	1.0	85	1.4
J1-6000-00-xxx	6000:5A	1.0	100	1.7

* "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.)



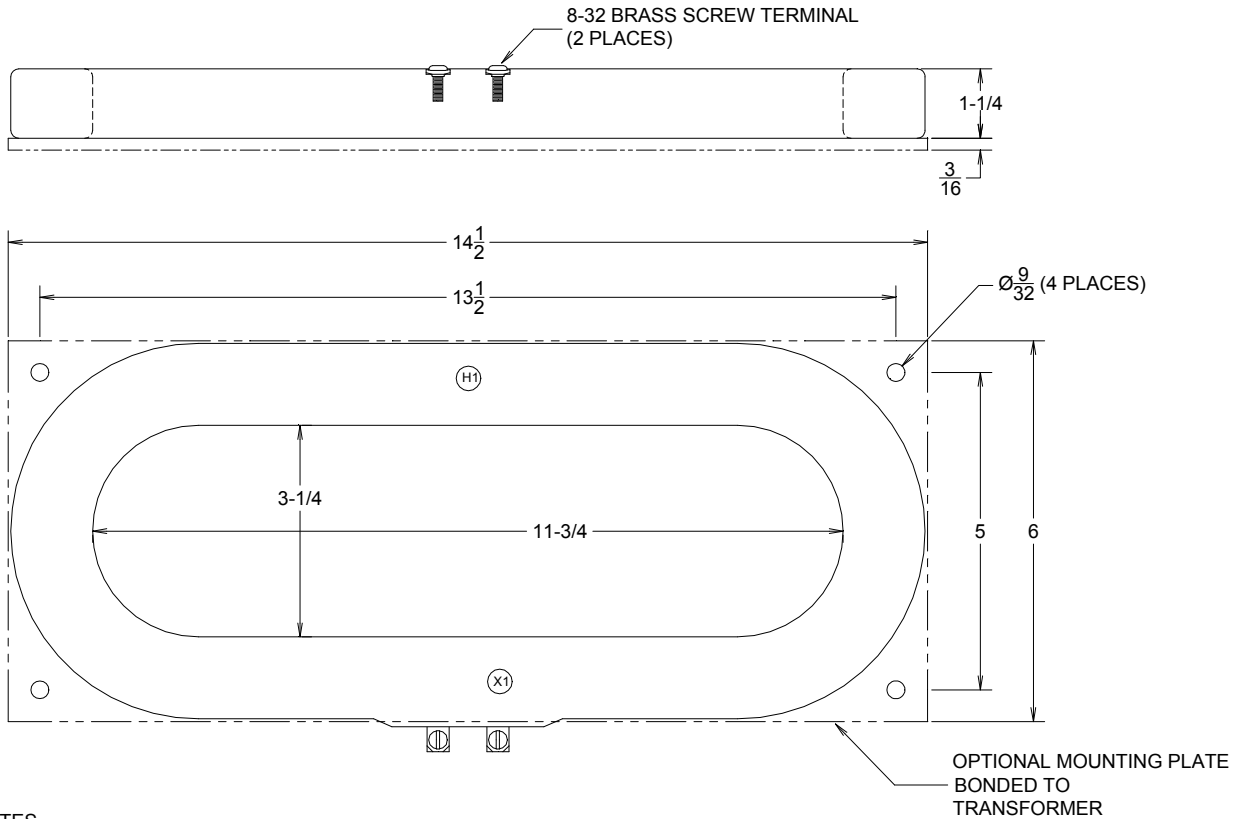
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CURRENT TRANSFORMER MODEL J3

3-1/4" x 11-3/4"

PAGE No 2-4

REV 18DEC00



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 all ratios
- 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 multi-layer tape buildup with heavy vinyl finish, color is black
- Optional plate is XX phenolic

Options, contact Factory for information

- 2.0, 5.0, and 10 VAC output at F.S. primary amperage. Other non-standard ratings also available.
- 1 A output at F.S. primary amperage. Other non-standard ratings also available
- Thermal ratings above 1.33 for selected ratios
- 8-32 Screw Terminals or #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types
- Available with B71 bus bar brackets. See Bracket Data Section for dimensions.

3-1/4" x 11-3/4"

CURRENT TRANSFORMER MODEL J3

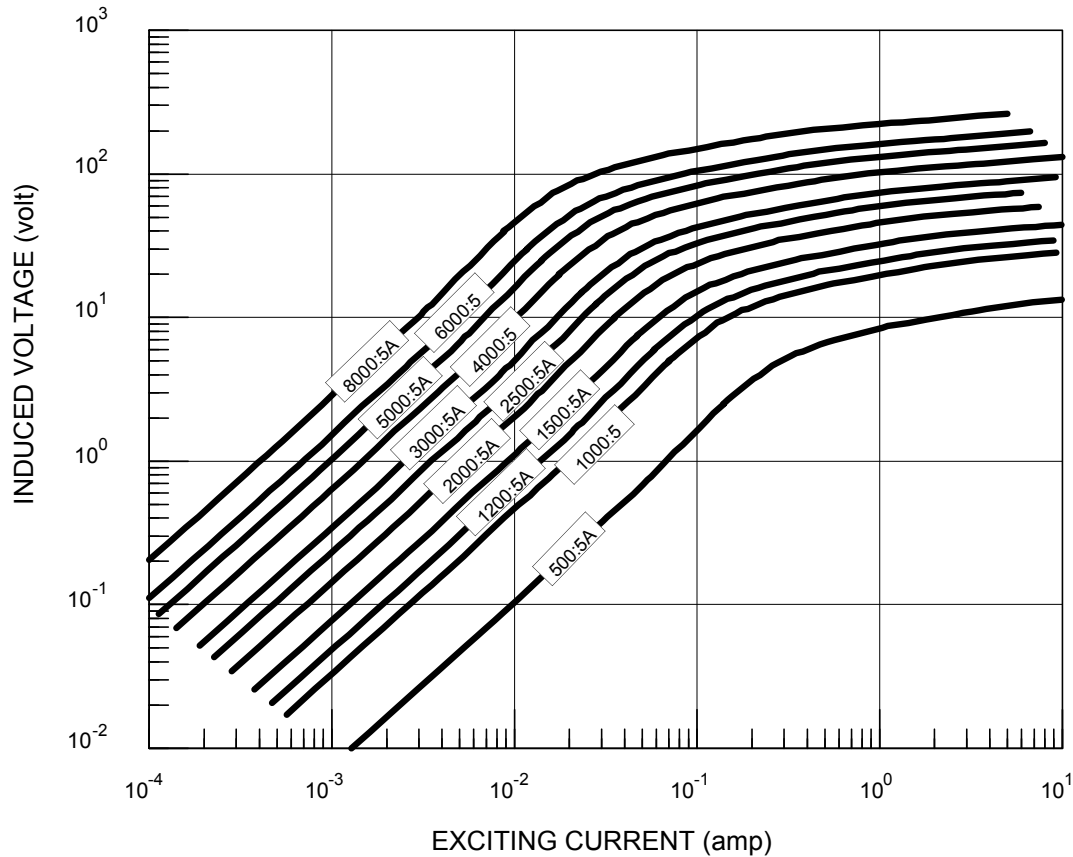
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REV 18DEC00



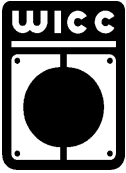
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TYPICAL EXCITATION CURVE for WICC MODEL J3 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
J3-500-00-xxx	500:5A	1.0	3.5	0.10
J3-1000-00-xxx	1000:5A	1.0	15	0.32
J3-1200-00-xxx	1200:5A	1.0	20	0.37
J3-1500-00-xxx	1500:5A	1.0	40	0.46
J3-2000-00-xxx	2000:5A	1.0	75	0.61
J3-2500-00-xxx	2500:5A	1.0	100	0.76
J3-3000-00-xxx	3000:5A	1.0	100	0.91
J3-4000-00-xxx	4000:5A	1.0	100	1.3
J3-5000-00-xxx	5000:5A	1.0	100	1.6
J3-6000-00-xxx	6000:5A	1.0	100	2.0
J3-8000-00-xxx	8000:5A	1.0	100	2.7

* "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.)



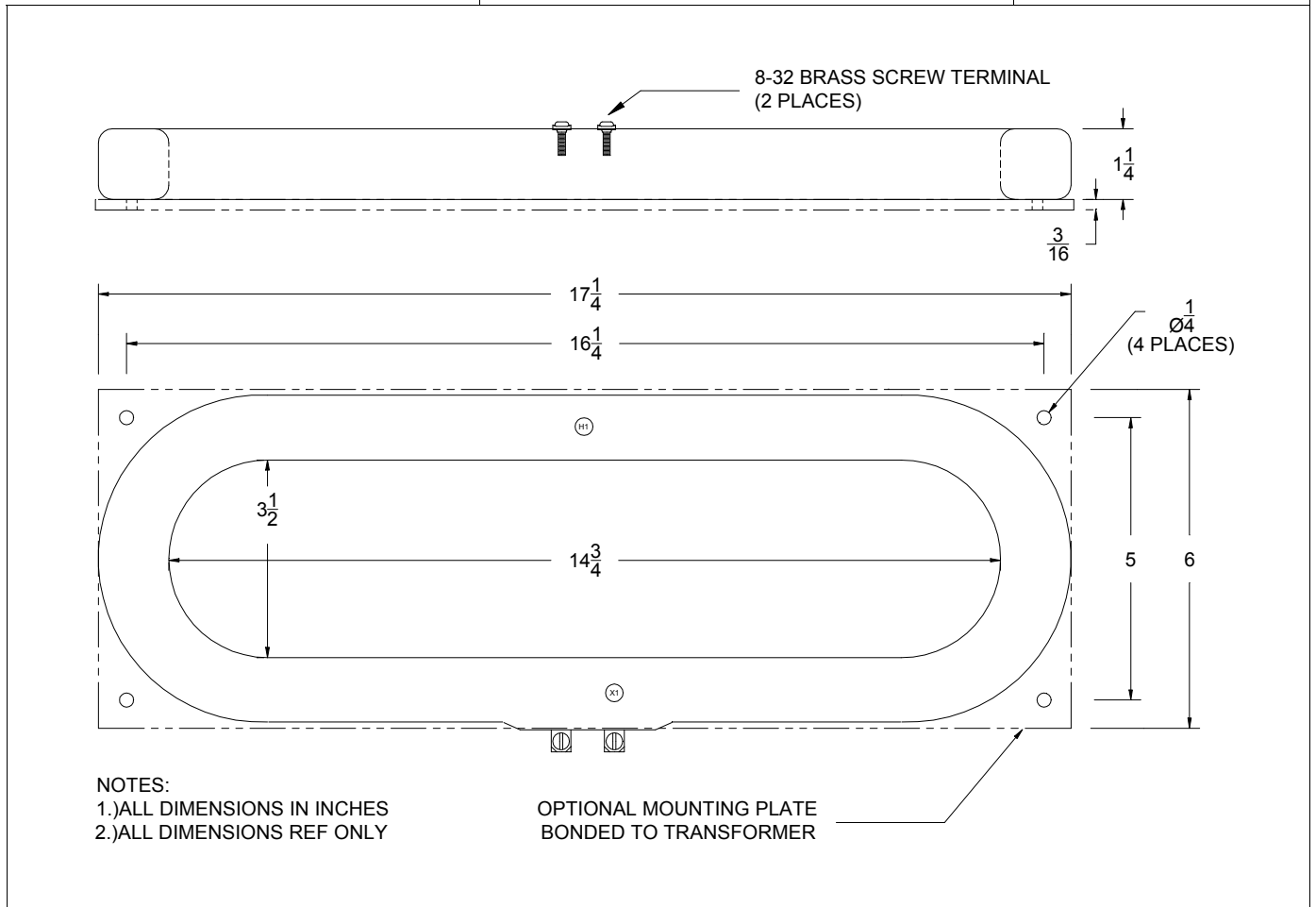
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CURRENT TRANSFORMER MODEL J5

3-1/2" x 14-3/4"

PAGE No 2-6

REV 18DEC00



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 all ratios
- 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 multi-layer tape buildup with heavy vinyl finish, color is black
- Optional plate is XX phenolic

Options, contact Factory for information

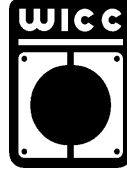
- 2.0, 5.0, and 10 VAC output at F.S. primary amperage. Other non-standard ratings also available.
- 1 A output at F.S. primary amperage. Other non-standard ratings also available
- Thermal ratings above 1.33 for selected ratios
- 8-32 Screw Terminals or #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types

3-1/2" x 14-3/4"

CURRENT TRANSFORMER
MODEL J5

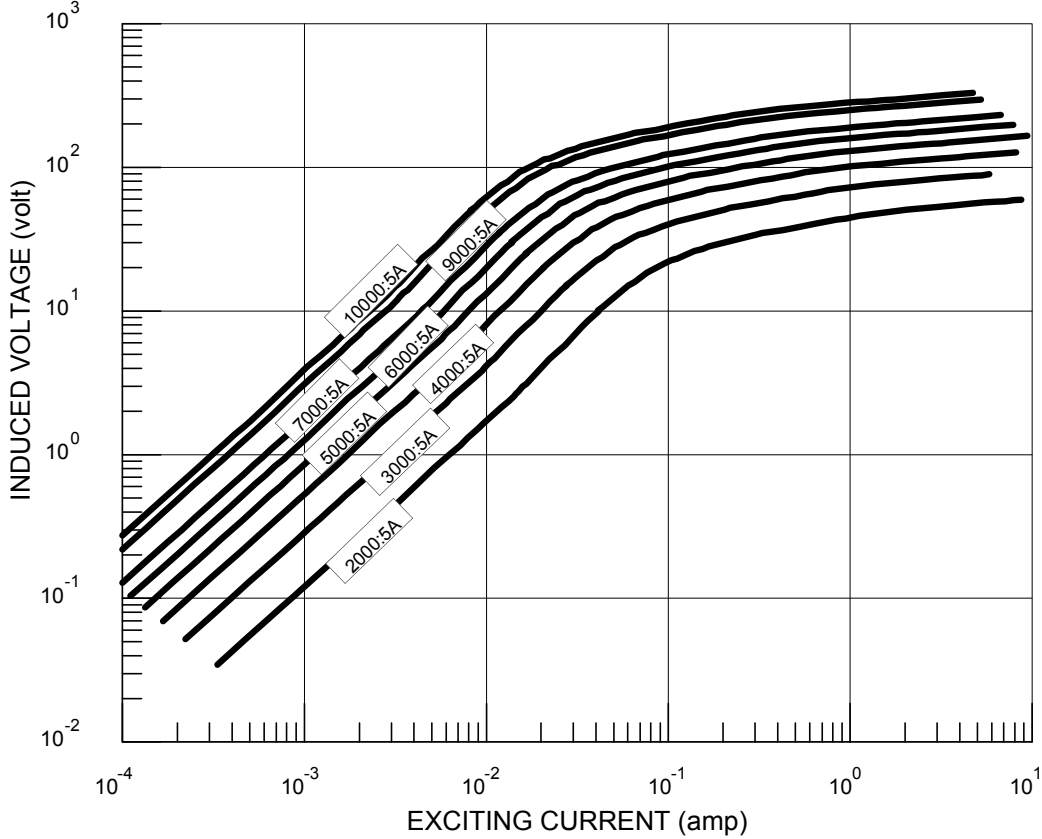
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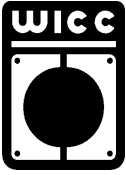
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TYPICAL EXCITATION CURVE FOR WICC MODEL J5 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
J3-2000-00-xxx	2000:5A	1.0	65	0.60
J3-3000-00-xxx	3000:5A	1.0	100	0.95
J3-4000-00-xxx	4000:5A	1.0	100	1.20
J3-5000-00-xxx	5000:5A	1.0	100	1.50
J3-6000-00-xxx	6000:5A	1.0	100	1.90
J3-7000-00-xxx	7000:5A	1.0	100	2.10
J3-9000-00-xxx	9000:5A	1.0	100	2.60
J3-10000-00-xxx	10000:5A	1.0	100	3.32

* "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.)



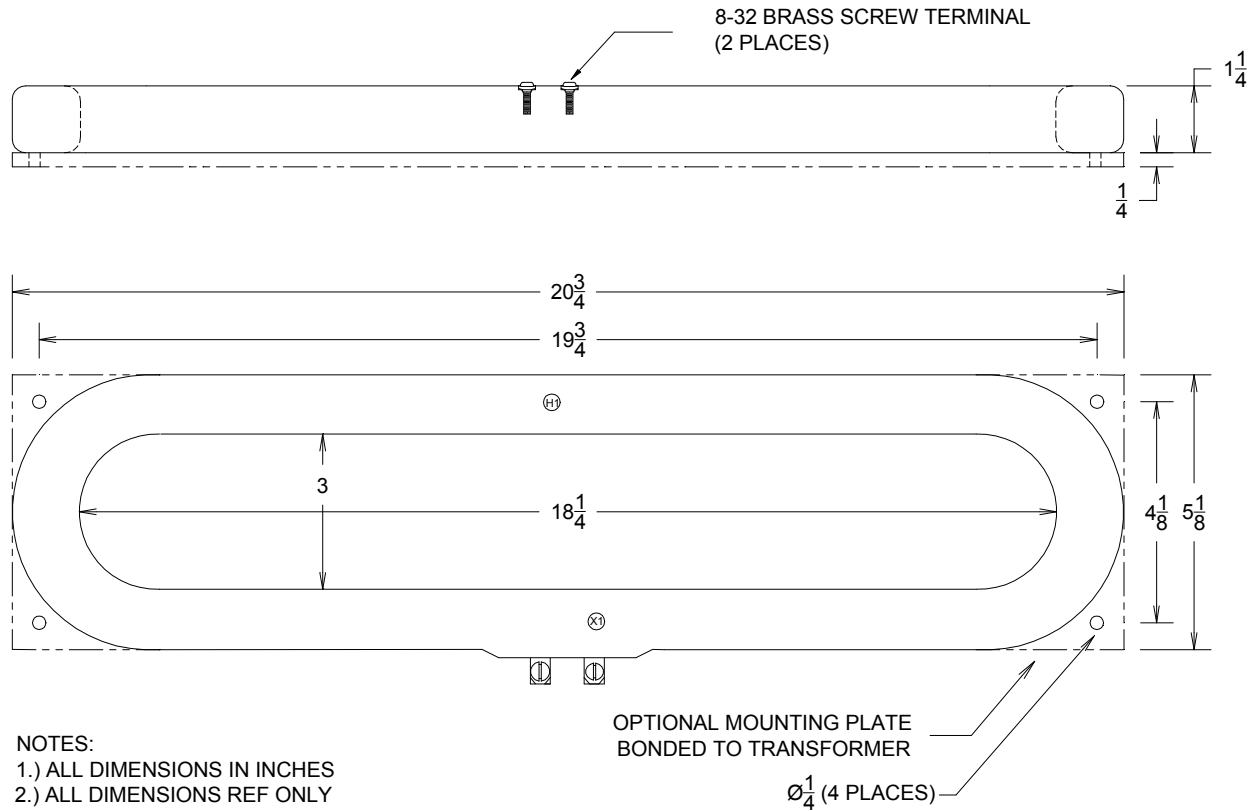
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CURRENT TRANSFORMER MODEL J6

3" x 18-1/4"

PAGE No 2-8

REV 18DEC00



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 all ratios
- 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 multi-layer tape buildup with heavy vinyl finish, color is black
- Optional plate is XX phenolic

Options, contact Factory for information

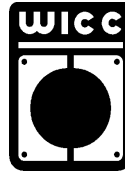
- 2.0, 5.0, and 10 VAC output at F.S. primary amperage. Other non-standard ratings also available.
- 1 A output at F.S. primary amperage. Other non-standard ratings also available
- Thermal ratings above 1.33 for selected ratios
- 8-32 Screw Terminals or #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types

3" x 18-1/4"

CURRENT TRANSFORMER
MODEL J6

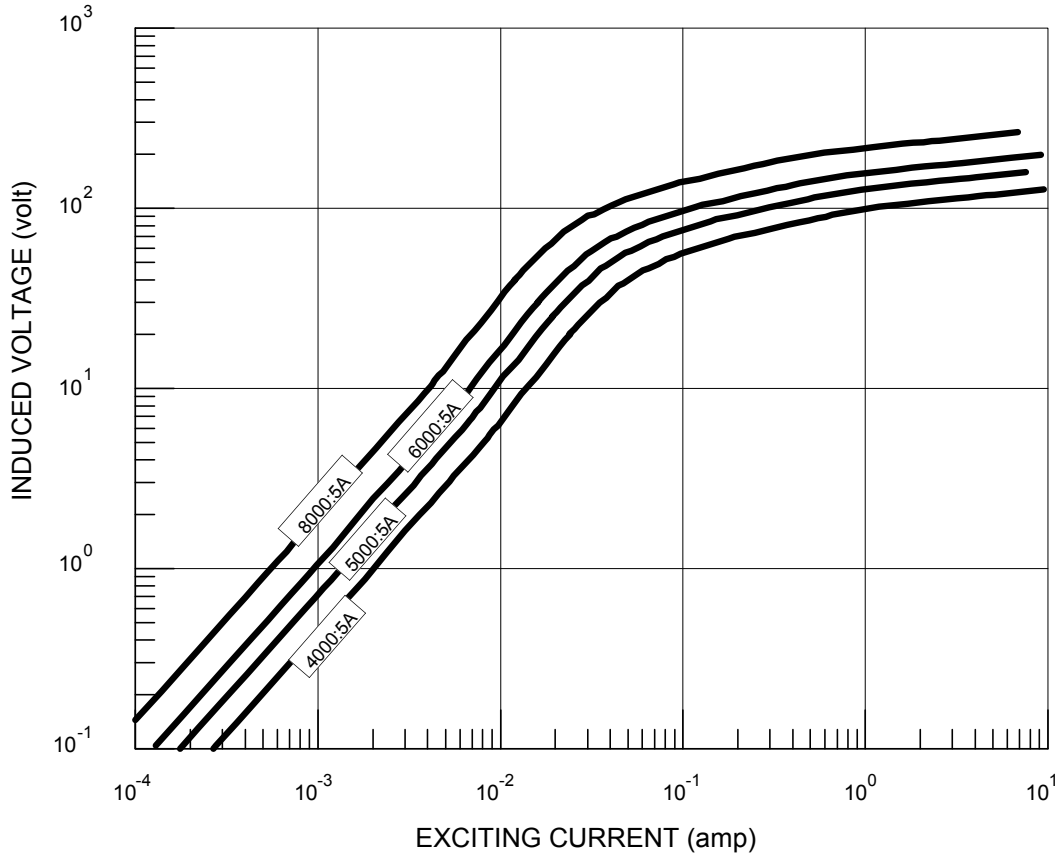
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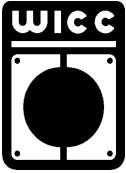
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TYPICAL EXCITATION CURVE FOR WICC MODEL J6 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
J6-4000-00-xxx	4000:5A	1.0	100	1.21
J6-5000-00-xxx	5000:5A	1.0	100	1.54
J6-6000-00-xxx	6000:5A	1.0	100	1.87
J6-8000-00-xxx	8000:5A	1.0	100	2.53

* "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.)



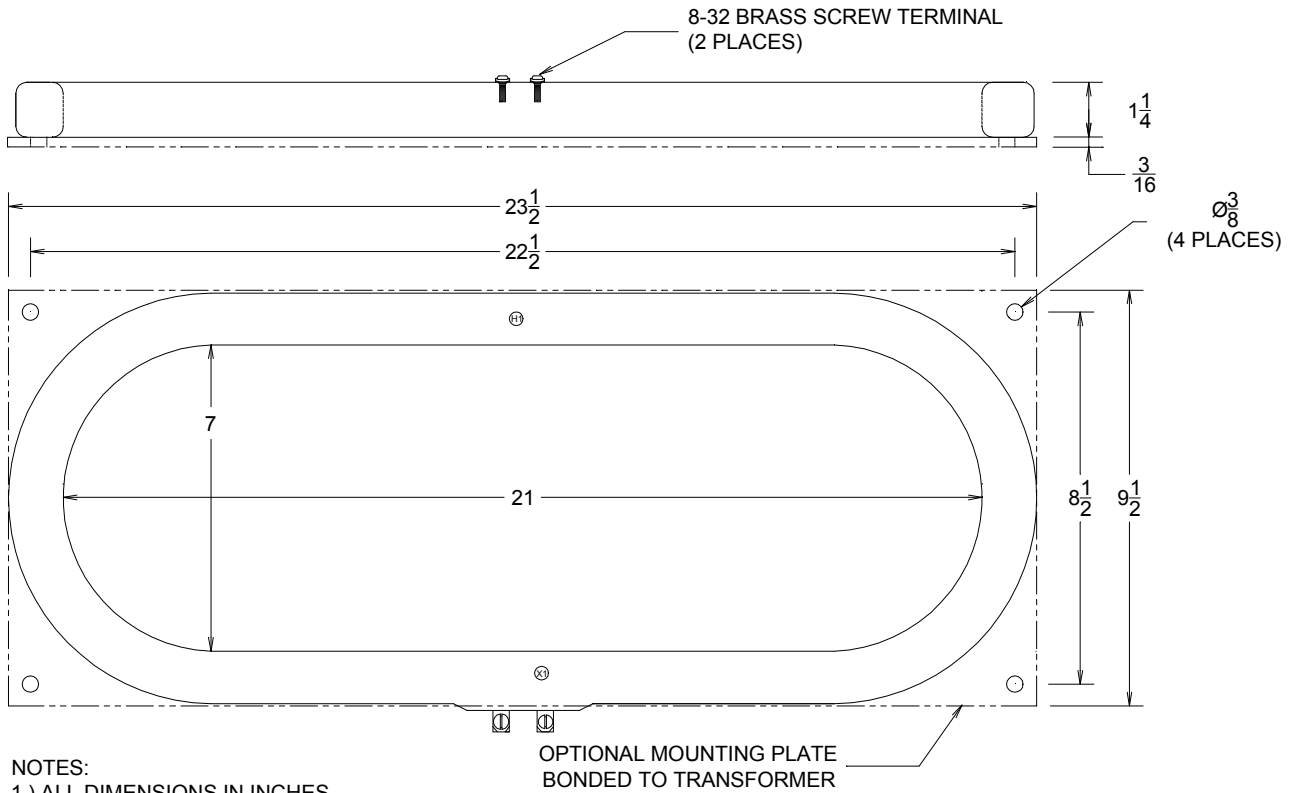
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CURRENT TRANSFORMER MODEL J7/21

7" x 21"

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18DEC00



NOTES:
 1.) ALL DIMENSIONS IN INCHES
 2.) ALL DIMENSIONS REF ONLY

Specifications

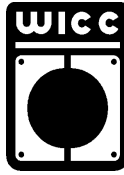
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, CSA CAN3-C13-M83, and IEC 44-1
- Enclosure is multi-layer tape buildup with heavy vinyl finish, color is black
- Optional plate is XX phenolic

Options, contact Factory for information

- 2.0, 5.0, and 10 VAC output at F.S. primary amperage. Other non-standard ratings also available.
- 1 A output at F.S. primary amperage. Other non-standard ratings also available
- Thermal ratings above 1.33 for selected ratios
- 8-32 Screw Terminals or #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types

7" x 21"

CURRENT TRANSFORMER
MODEL J7/21

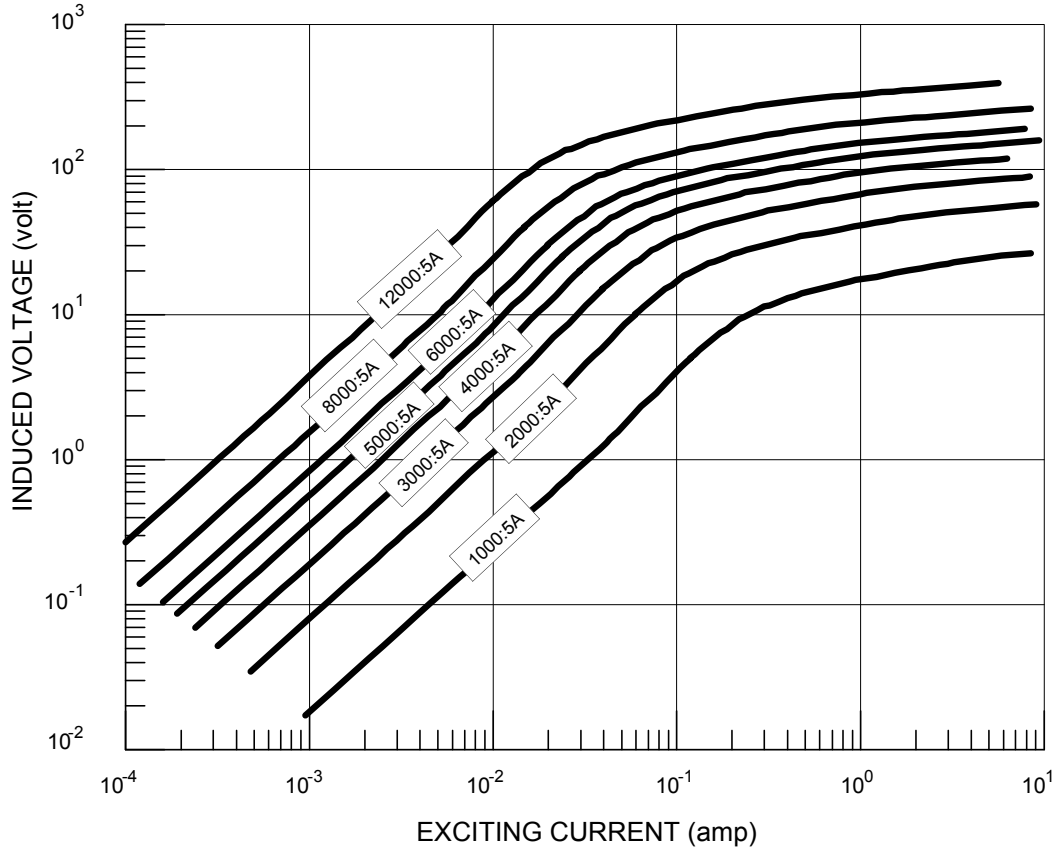


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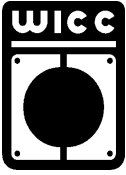
REV 18DEC00

TYPICAL EXCITATION CURVE FOR WICC MODEL J7/21 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
J7/21-1000-00-xxx	1000:5A	1.0	6	0.31
J7/21-2000-00-xxx	2000:5A	1.0	40	0.60
J7/21-3000-00-xxx	3000:5A	1.0	100	0.91
J7/21-4000-00-xxx	4000:5A	1.0	100	1.21
J7/21-5000-00-xxx	5000:5A	1.0	100	1.51
J7/21-6000-00-xxx	6000:5A	1.0	100	1.84
J7/21-8000-00-xxx	8000:5A	1.0	100	2.50
J7/21-12000-00-xxx	12000:5A	1.0	100	3.90

* "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.)



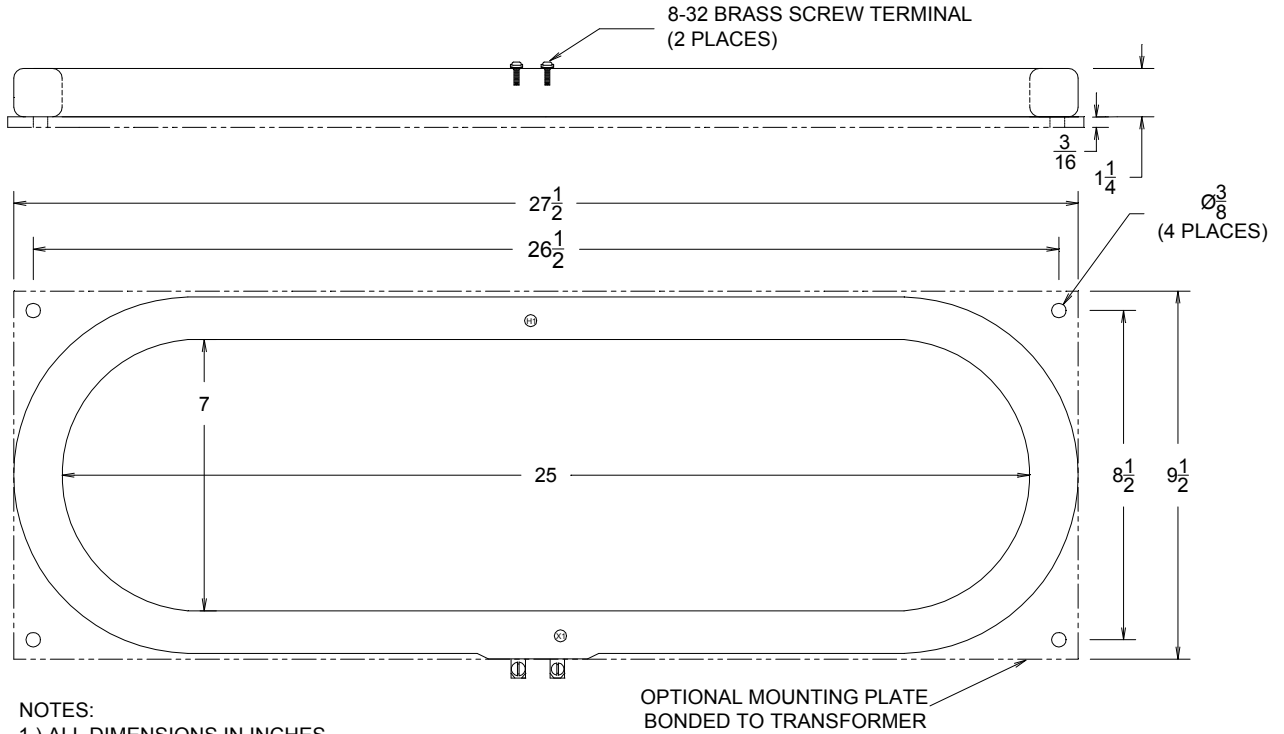
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CURRENT TRANSFORMER MODEL J7/25

7" x 25"

PAGE No 2-12

REV 18DEC00



NOTES:
 1.) ALL DIMENSIONS IN INCHES
 2.) ALL DIMENSIONS REF ONLY

Specifications

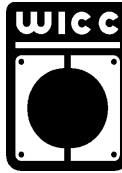
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, CSA CAN3-C13-M83, and IEC 44-1
- Enclosure is multi-layer tape buildup with heavy vinyl finish, color is black
- Optional plate is XX phenolic

Options, contact Factory for information

- 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 Screw Terminals or #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios.

7" x 25"

CURRENT TRANSFORMER
MODEL J7/25

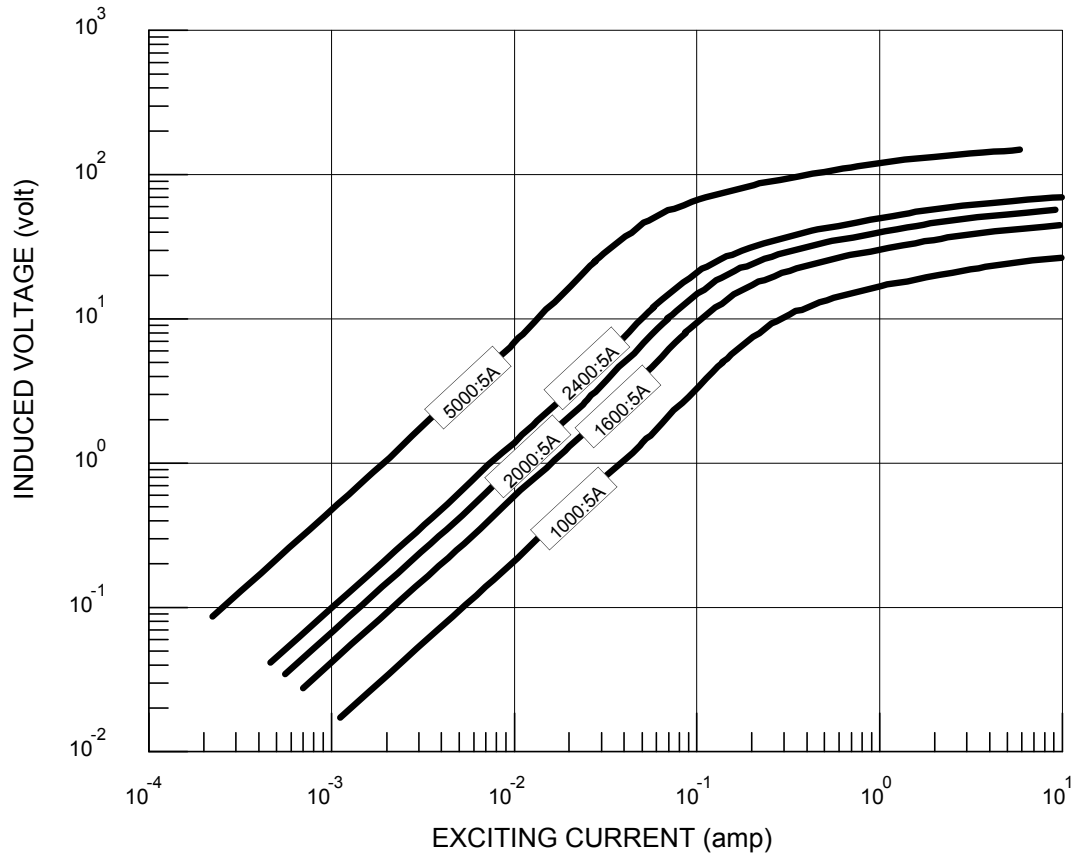


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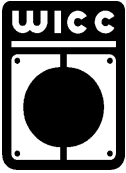
REV 18DEC00

TYPICAL EXCITATION CURVE FOR WICC MODEL J7/25 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
J7/25-1000-00-xxx	2000:5A	1.0	6.0	0.35
J7/25-1600-00-xxx	1600:5A	1.0	20	0.50
J7/25-2000-00-xxx	2000:5A	1.0	35	0.60
J7/25-2400-00-xxx	2400:5A	1.0	50	0.75
J7/25-5000-00-xxx	5000:5A	1.0	100	1.50

* "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.)



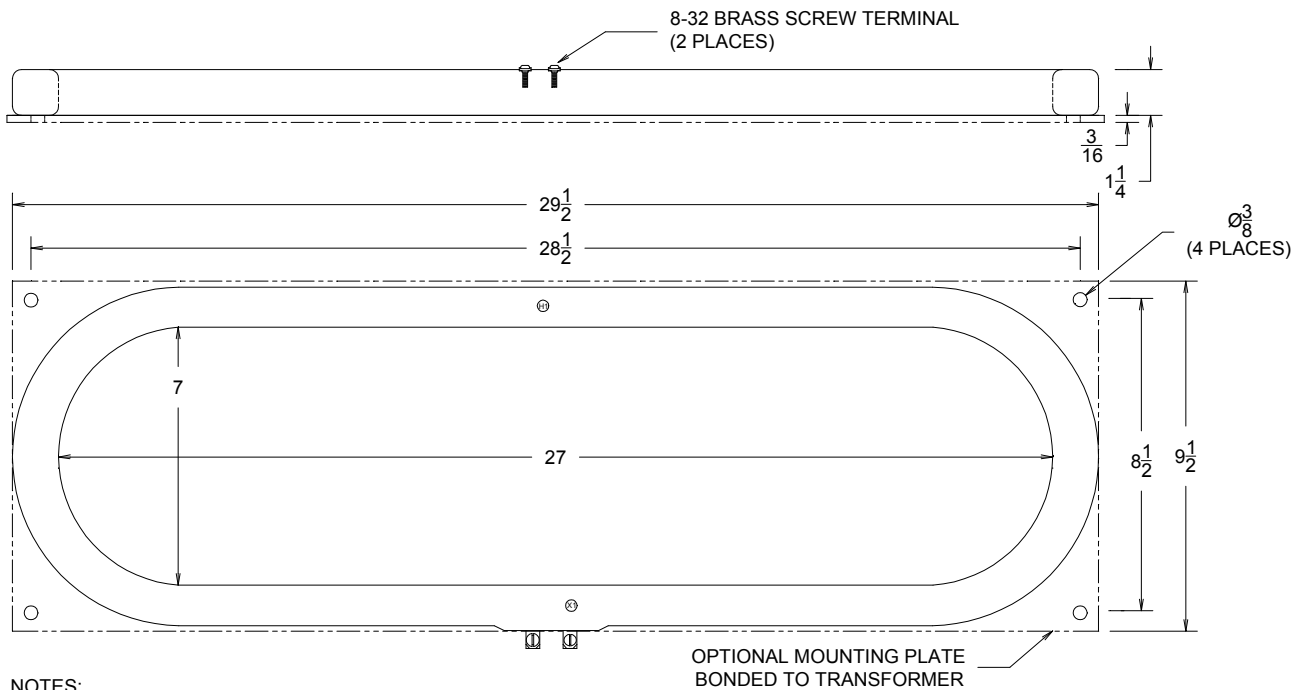
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CURRENT TRANSFORMER MODEL J7/27

7" x 27"

PAGE No 2-14

REV 18DEC00



NOTES:
 1.) ALL DIMENSIONS IN INCHES
 2.) ALL DIMENSIONS REF ONLY

Specifications

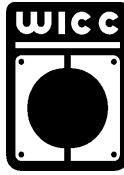
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, CSA CAN3-C13-M83, and IEC 44-1
- Enclosure is multi-layer tape buildup with heavy vinyl finish, color is black
- Optional plate is XX phenolic

Options, contact Factory for information

- 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 Screw Terminals or #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios.

7" x 27"

CURRENT TRANSFORMER
MODEL J7/27

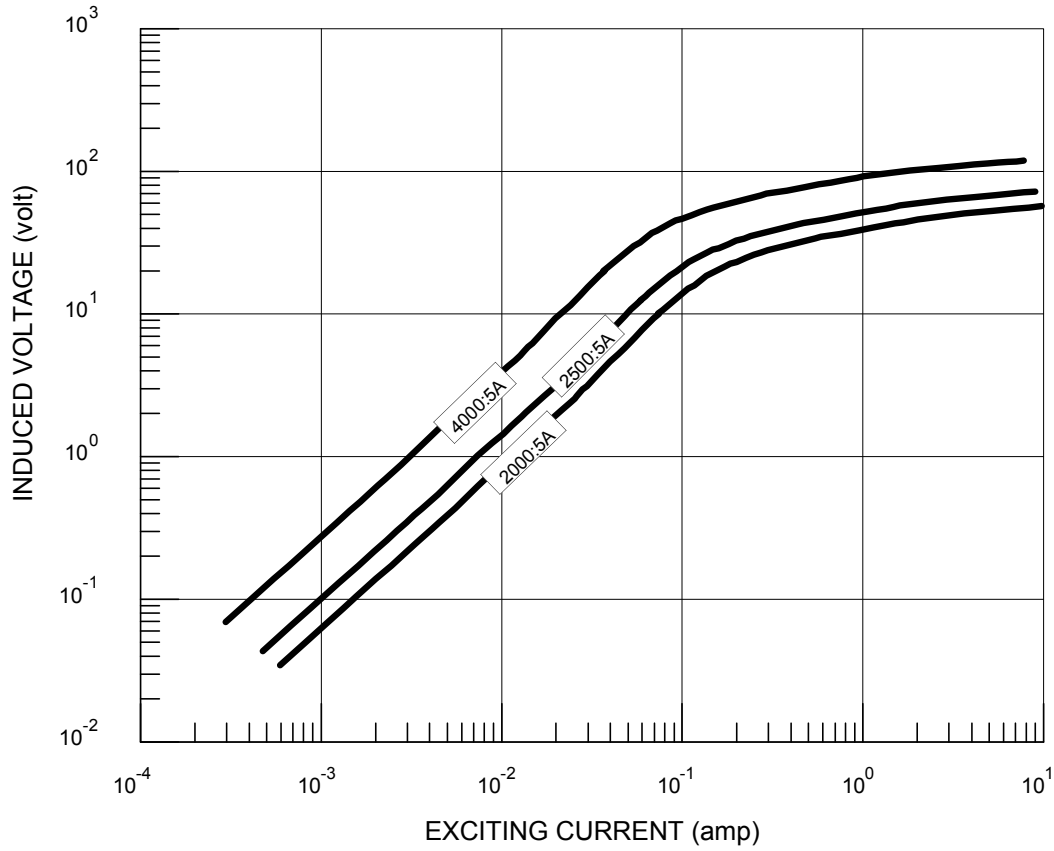


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PAGE No 2-15

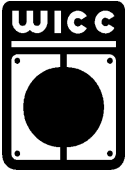
REV 18DEC00

TYPICAL EXCITATION CURVE FOR WICC MODEL J7/27 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
J7/27-2000-00-xxx	2000:5A	1.0	30	0.60
J7/27-2500-00-xxx	2500:5A	1.0	55	0.75
J7/27-4000-00-xxx	4000:5A	1.0	100	1.21

* "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.)



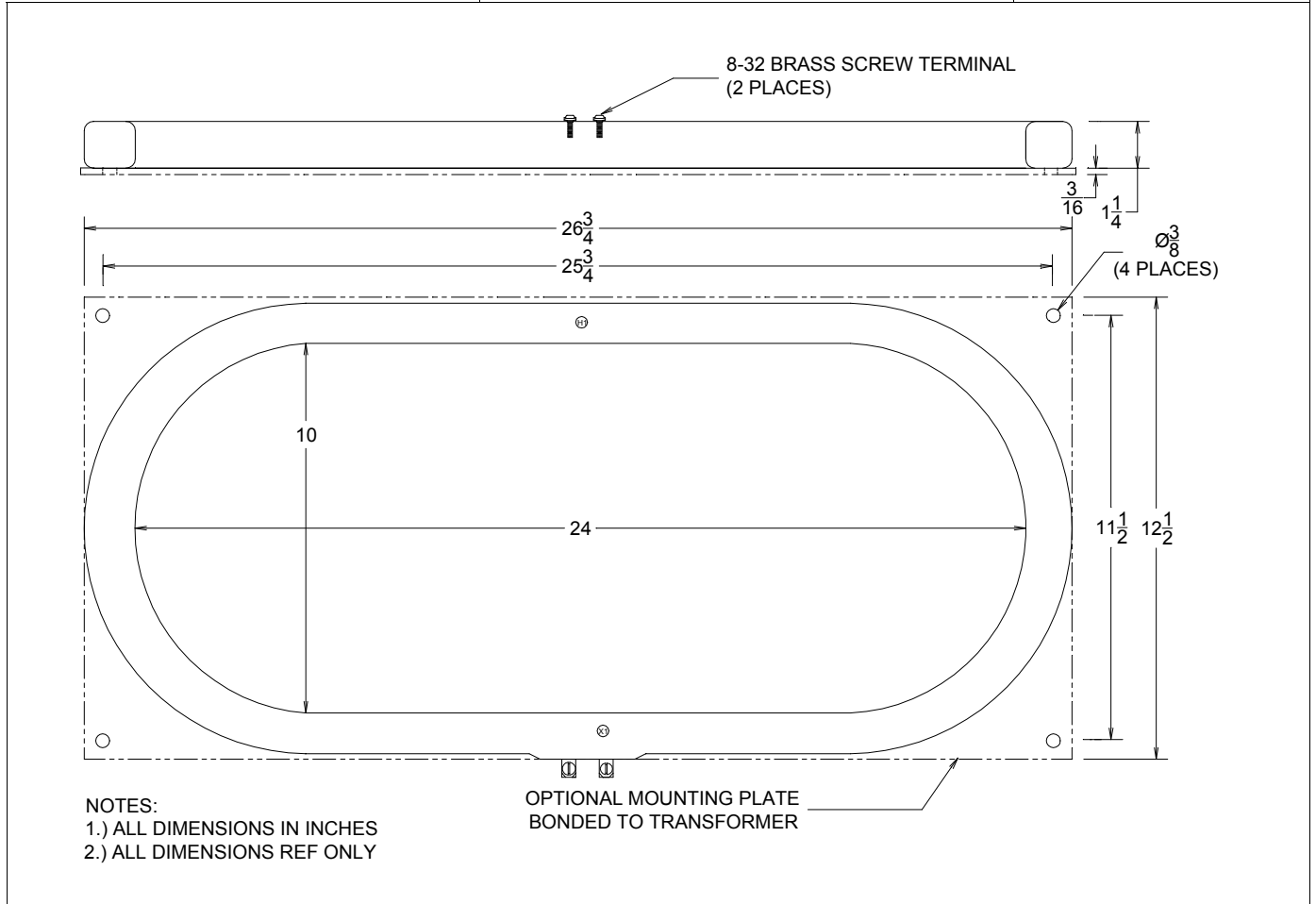
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CURRENT TRANSFORMER MODEL J10/24

10" x 24"

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REV 18DEC00



Specifications

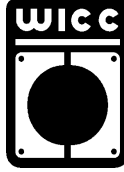
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents IEEE C57.13, UL1244, CSA CAN3-C13-M83, and IEC 44-1
- Enclosure is multi-layer tape buildup with heavy vinyl finish, color is black
- Optional plate is XX phenolic

Options, contact Factory for information

- 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 Screw Terminals or #16 AWG UL 1015 Lead Wires
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios.

10" x 24"

CURRENT TRANSFORMER
MODEL J10/24

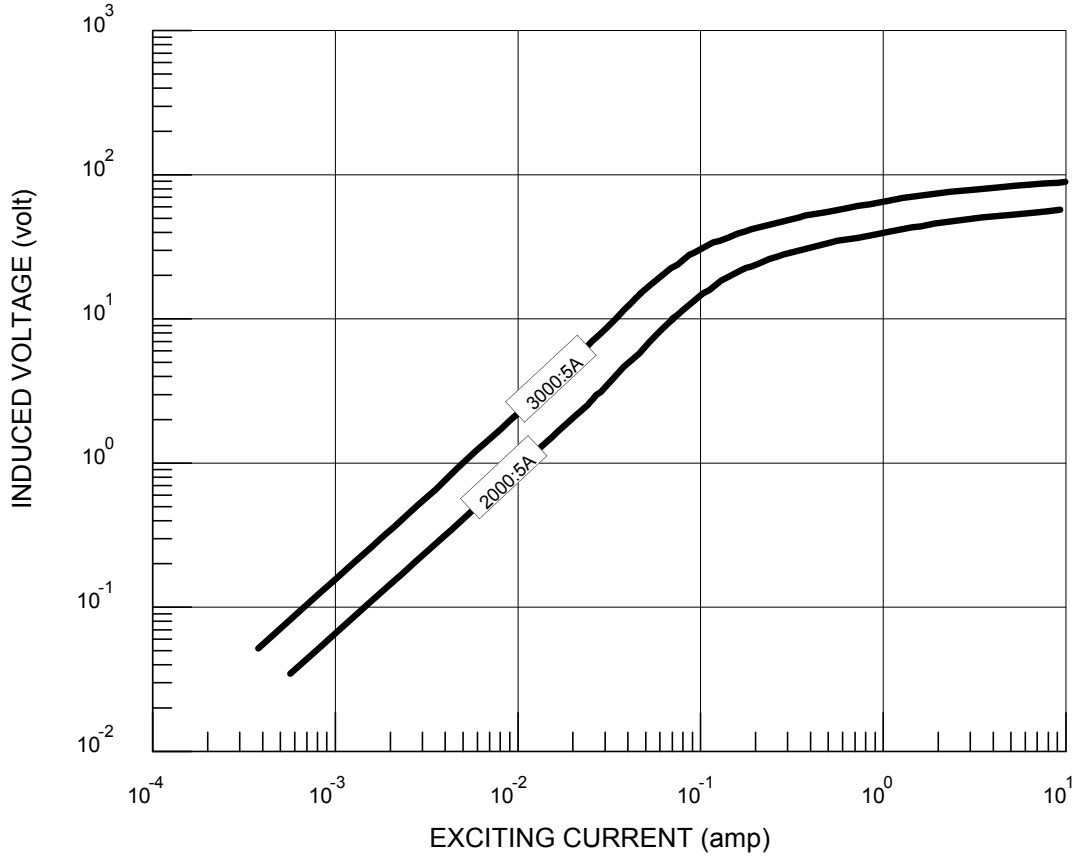


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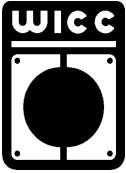
REV 18DEC00

TYPICAL EXCITATION CURVE FOR WICC MODEL J10/24 at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
J10/24-2000-00-xxx	2000:5A	1.0	30	0.60
J10/24-3000-00-xxx	3000:5A	1.0	85	0.91

* "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.)



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Split-Core Current Transformers ...

This type of current transformer is available to measure AC currents from 100A to 6000A, at 50 to 400HZ. They are very popular in sub-metering applications where existing systems are being upgraded and it is impractical to isolate the primary conductor. It is even possible to install this type of transformer while the conductor is energized, however it is paramount that certain safety precautions be followed under such conditions.

Rectangular in shape, standard split-core models are available with window dimensions up to 4.00" x 7.50". Even larger, custom designed sizes are available by special order.

Secondary ratings of 5A, 1A, and 100mA are all common in split-core current transformers.

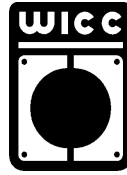
Two model groups are available, SP and SPS. The former is provided with a stainless steel screw-clamp band securing the two core halves, the latter has a UV resistant nylon band. All ratios are available in either type. Electrical and magnetic performance is identical for the two groups.

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Model 3SP	3-6
Model 5SP	3-8
Model 7SP	3-10
Model 9SP	3-12
Model 91SP	3-14

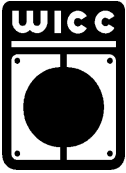
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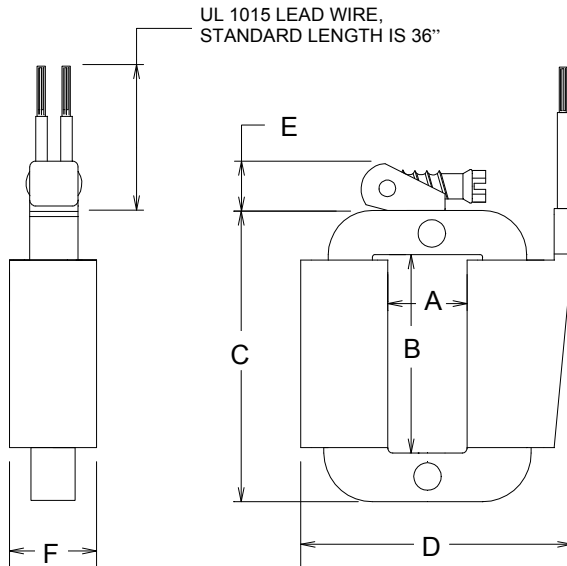
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SPLIT CORE CURRENT TRANSFORMER MODEL 1SP

0.84" x 2.00"

PAGE No 3-2

REV 18DEC00



DIMENSIONS

- A = 0.84 MIN
- B = 2.00 MIN
- C = 3.31 MAX
- D = 3.09 MAX
- E = 0.61 MAX
- F = 1.00 MAX

NOTES:

- 1). ALL DIMENSIONS ARE IN INCHES
- 2). ALL DIMENSIONS ARE REF ONLY
- 3). ALL DIMENSIONS ARE MEASURED OVER THE HIGHEST POINT OF THE APPROPRIATE SURFACE.
- 4). WHITE LEAD WIRE IS ELECTRICALLY IN PHASE WITH "H1" SIDE OF TRANSFORMER (with polarity marks)
- 5). **CAUTION**-POTENTIALLY LETHAL VOLTAGES MAY APPEAR ON TERMINALS IF NOT ELECTRICALLY CONNECTED TOGETHER WHEN INSTALLING ON TO AN ENERGIZED SYSTEM. IT IS IMPERATIVE THAT LEADS and/or TERMINALS BE SHORTED TOGETHER OR ATTACHED TO THE INTENDED BURDEN PRIOR TO SUCH INSTALLATION.

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 all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents C57.13, UL 1244, CSA CAN3-C13-M83, and IEC 44-1
- CT can be split apart and reassembled onto the primary conductor without interrupting service. **NOTE: Safety precautions must be observed**
- CT is finished in heavy vinyl tape with dipped acrylic overcoat. Uses imbedded SS band to secure two halves of transformer together

Options, contact Factory for information

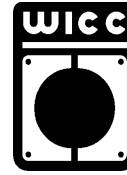
- UV resistant Nylon band to secure two halves of transformer together (1SPS model)
- Reversed polarity, BLK lead wire is made X1
- 1, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 screw terminals
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios

0.84" x 2.00"

PAGE No 3-3

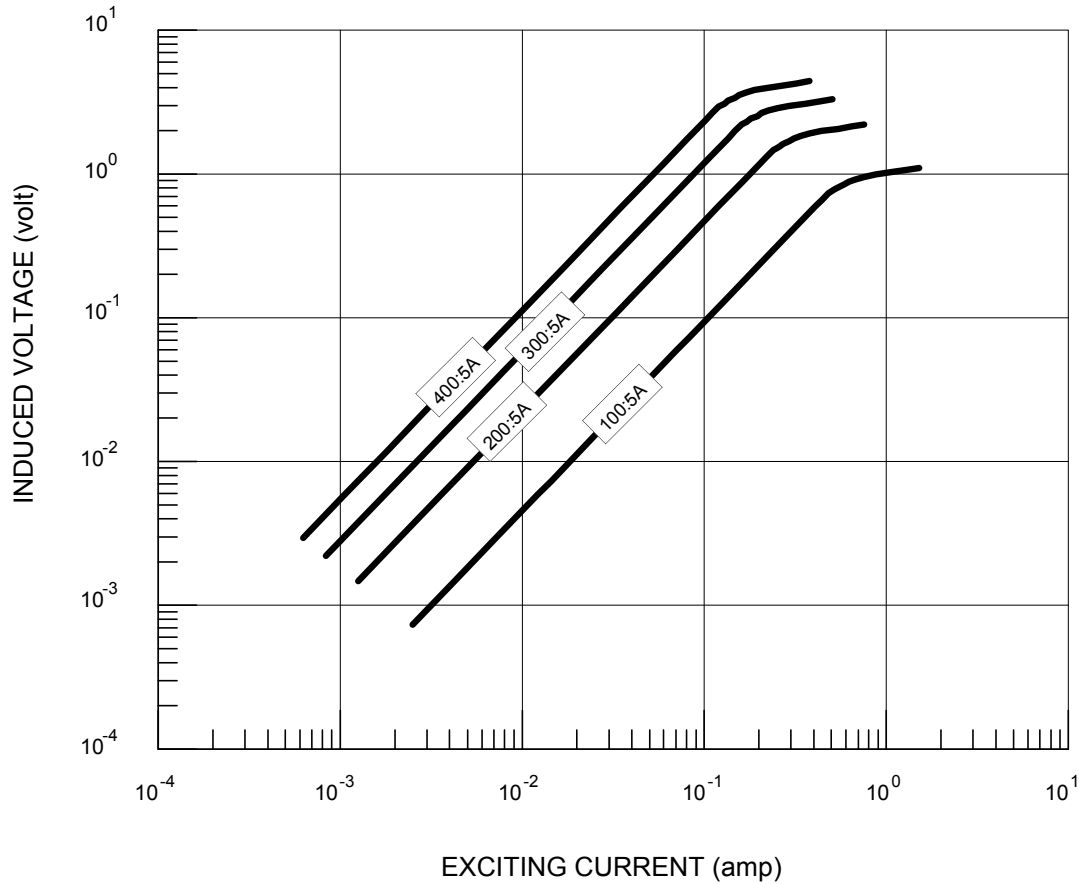
REV 18DEC00

SPLIT CORE CURRENT
TRANSFORMER
MODEL 1SP



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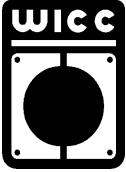
TYPICAL EXCITATION CURVE for WICC MODEL 1SP at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)	LEAD WIRE SIZE (AWG)
		± %	BURDEN (VA)		
1SP-100-00-xxx	100:5A	3.0	1.0	0.02	12
1SP-200-00-xxx	200:5A	1.0	1.5	0.03	14
1SP-300-00-xxx	300:5A	1.0	2.0	0.08	16
1SP-400-00-xxx	400:5A	1.0	5.0	0.12	16

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

NOTE ON ACCURACY: Because of the inherent design of this type of current transformer, accuracy is defined, in part, by the care with which the user installs the device. It is imperative that absolute cleanliness of the core mating surfaces be maintained during installation. Accuracy listed is verified at time of shipment and, with proper installation, should be realizable in the field.



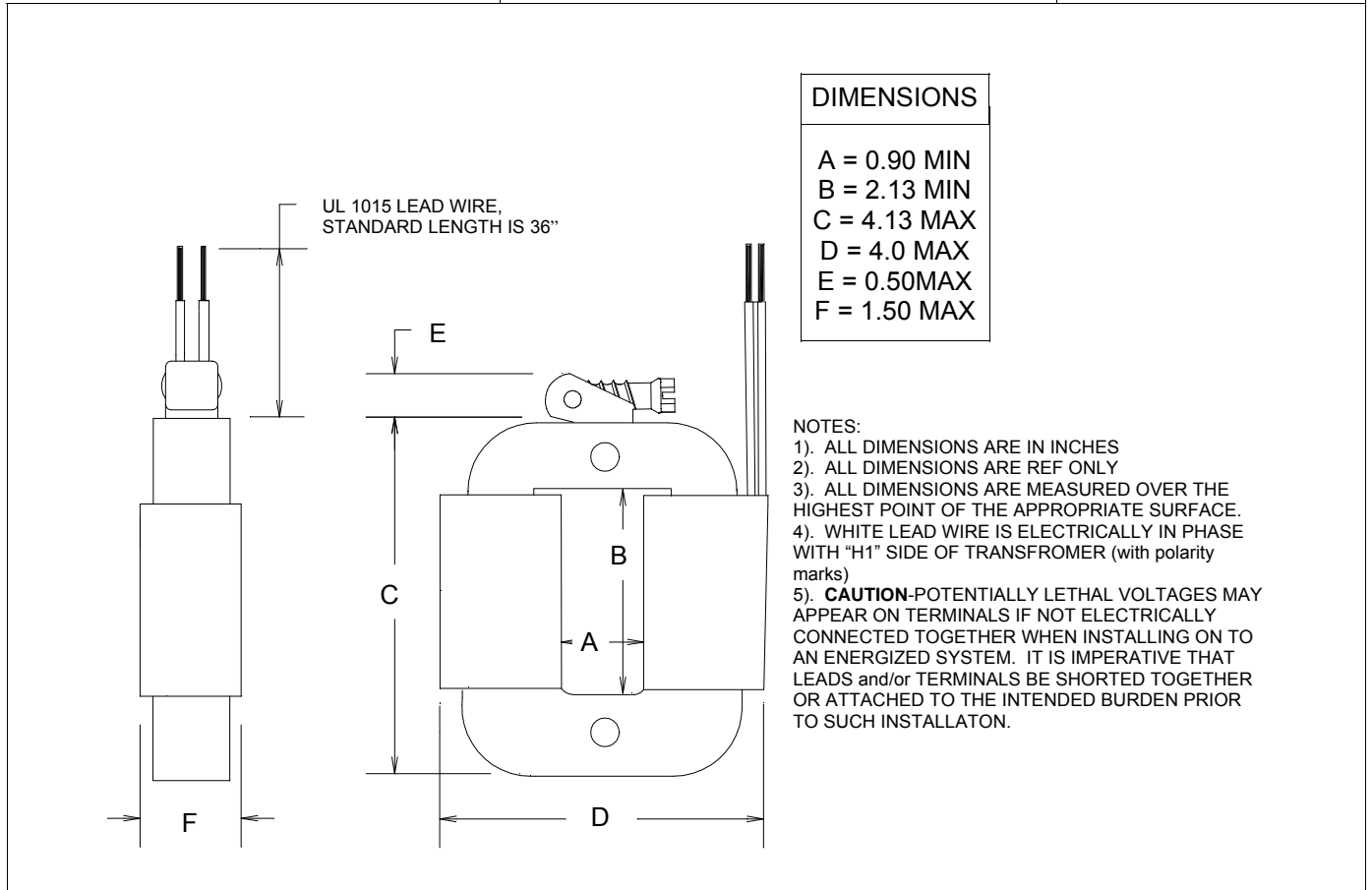
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SPLIT CORE CURRENT TRANSFORMER MODEL 2SP

0.90" x 2.13"

PAGE No 3-4

REV 18DEC00



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 all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents C57.13, UL 1244, CSA CAN3-C13-M83, and IEC 44-1
- CT can be split apart and reassembled onto the primary conductor without interrupting service. **NOTE: Safety precautions must be observed**
- CT is finished in heavy vinyl tape with dipped acrylic overcoat. Uses imbedded SS band to secure two halves of transformer together

Options, contact Factory for information

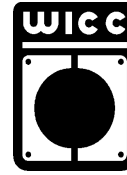
- UV resistant Nylon band to secure two halves of transformer together (2SPS model)
- Reversed polarity, BLK lead wire is made X1
- 1, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 screw terminals
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios

0.90" x 2.13"

PAGE No 3-5

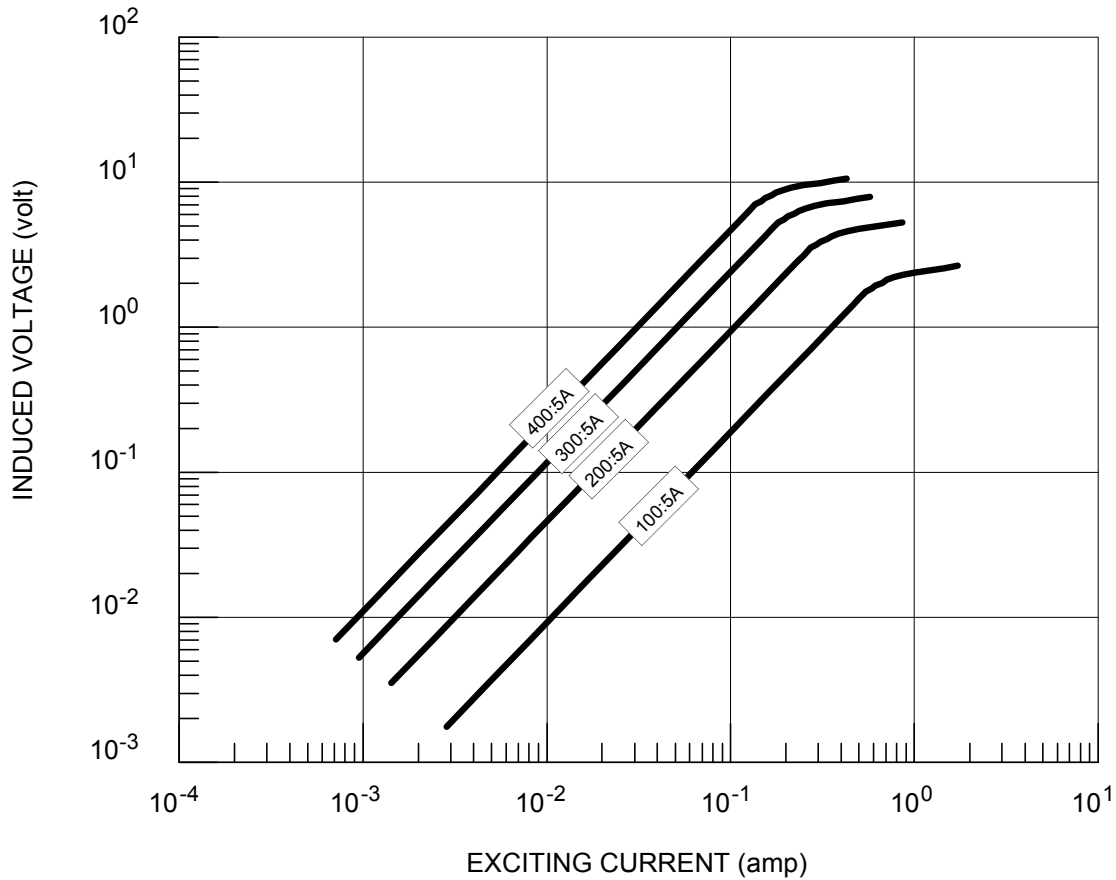
REV 18DEC00

SPLIT CORE CURRENT
TRANSFORMER
MODEL 2SP



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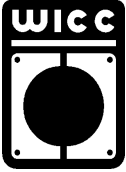
TYPICAL EXCITATION CURVE for WICC MODEL 2SP at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)	LEAD WIRE SIZE (AWG)
		± %	BURDEN (VA)		
2SP-100-00-xxx	100:5A	2.5	1.5	0.02	12
2SP-200-00-xxx	200:5A	1.0	2.0	0.05	14
2SP-300-00-xxx	300:5A	1.0	5.0	0.07	16
2SP-400-00-xxx	400:5A	1.0	10	0.11	16

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

NOTE ON ACCURACY: Because of the inherent design of this type of current transformer, accuracy is defined, in part, by the care with which the user installs the device. It is imperative that absolute cleanliness of the core mating surfaces be maintained during installation. Accuracy listed is verified at time of shipment and, with proper installation, should be realizable in the field.



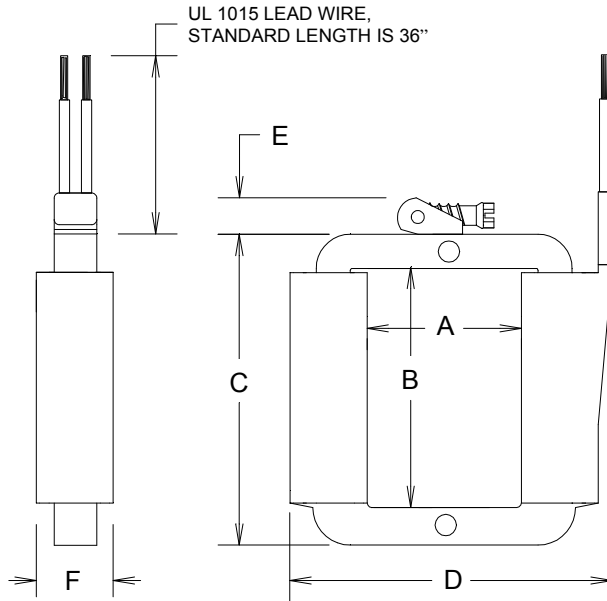
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SPLIT CORE CURRENT TRANSFORMER MODEL 3SP

2.19" x 3.25"

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REV 18DEC00



DIMENSIONS

A = 2.19 MIN
 B = 3.25 MIN
 C = 4.56 MAX
 D = 4.72 MAX
 E = 0.61 MAX
 F = 1.14 MAX

NOTES:

- 1). ALL DIMENSIONS ARE IN INCHES
- 2). ALL DIMENSIONS ARE REF ONLY
- 3). ALL DIMENSIONS ARE MEASURED OVER THE HIGHEST POINT OF THE APPROPRIATE SURFACE.
- 4). WHITE LEAD WIRE IS ELECTRICALLY IN PHASE WITH "H1" SIDE OF TRANSFORMER (with polarity marks)
- 5). **CAUTION**-POTENTIALLY LETHAL VOLTAGES MAY APPEAR ON TERMINALS IF NOT ELECTRICALLY CONNECTED TOGETHER WHEN INSTALLING ON TO AN ENERGIZED SYSTEM. IT IS IMPERATIVE THAT LEADS and/or TERMINALS BE SHORTED TOGETHER OR ATTACHED TO THE INTENDED BURDEN PRIOR TO SUCH INSTALLATION.

Specifications

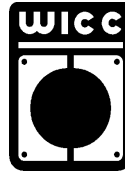
- Secondary sources 5 amps AC at rated F.S. primary current
- Nominal operating frequency range is 50-400HZ
- Thermal rating factor is 1.33 @ 30C for all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents C57.13, UL 1244, CSA CAN3-C13-M83, and IEC 44-1
- CT can be split apart and reassembled onto the primary conductor without interrupting service. **NOTE: Safety precautions must be observed**
- CT is finished in heavy vinyl tape with dipped acrylic overcoat. Uses imbedded SS band to secure two halves of transformer together

Options, contact Factory for information

- UV resistant Nylon band to secure two halves of transformer together (3SPS model)
- Reversed polarity, BLK lead wire is made X1
- 1, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 screw terminals
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios

2.19" x 3.25"

SPLIT CORE CURRENT
TRANSFORMER
MODEL 3SP

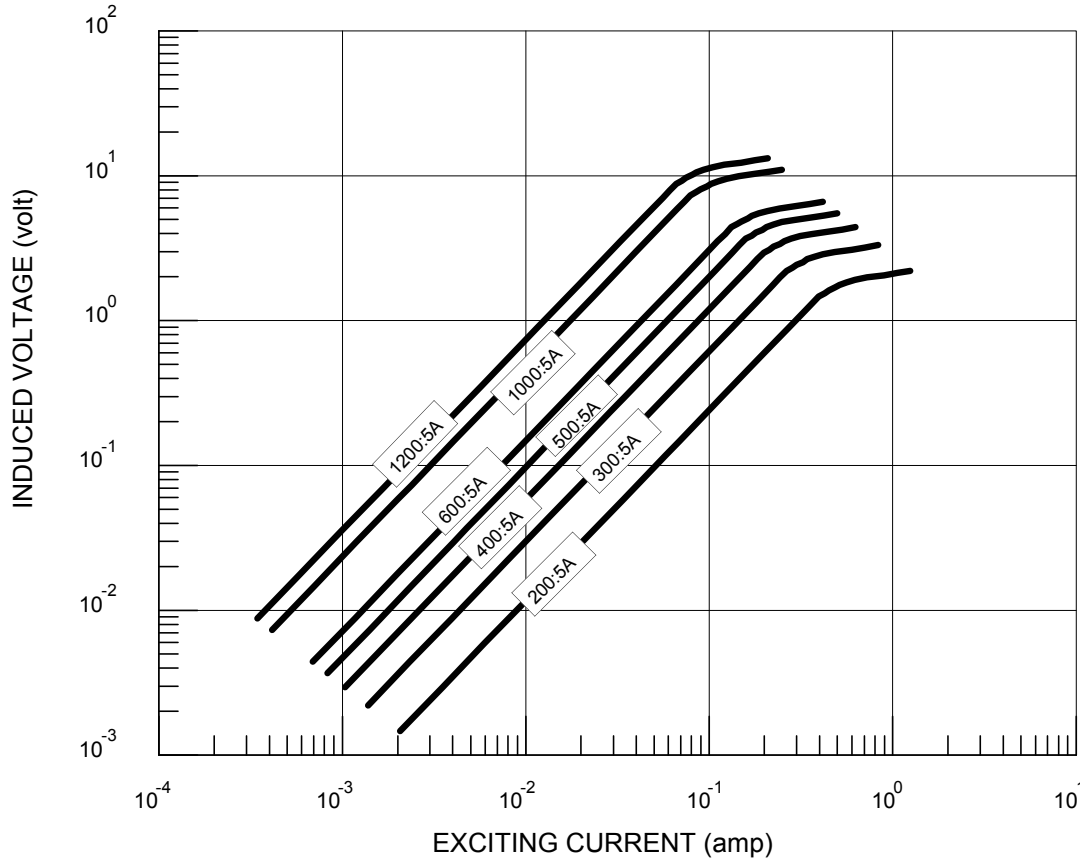


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REV 18DEC00

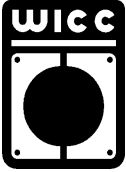
TYPICAL EXCITATION CURVE for WICC MODEL 3SP at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)	LEAD WIRE SIZE (AWG)
		± %	BURDEN (VA)		
3SP-200-00-xxx	200:5A	1.5	1.0	0.03	14
3SP-300-00-xxx	300:5A	1.0	1.0	0.08	16
3SP-400-00-xxx	400:5A	1.0	2.0	0.10	16
3SP-500-00-xxx	500:5A	1.0	3.0	0.16	16
3SP-600-00-xxx	600:5A	1.0	5.0	0.20	16
3SP-1000-00-xxx	1000:5A	1.0	20	0.34	16
3SP-1200-00-xxx	1200:5A	1.0	30	0.50	16

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

NOTE ON ACCURACY: Because of the inherent design of this type of current transformer, accuracy is defined, in part, by the care with which the user installs the device. It is imperative that absolute cleanliness of the core mating surfaces be maintained during installation. Accuracy listed is verified at time of shipment and, with proper installation, should be realizable in the field.



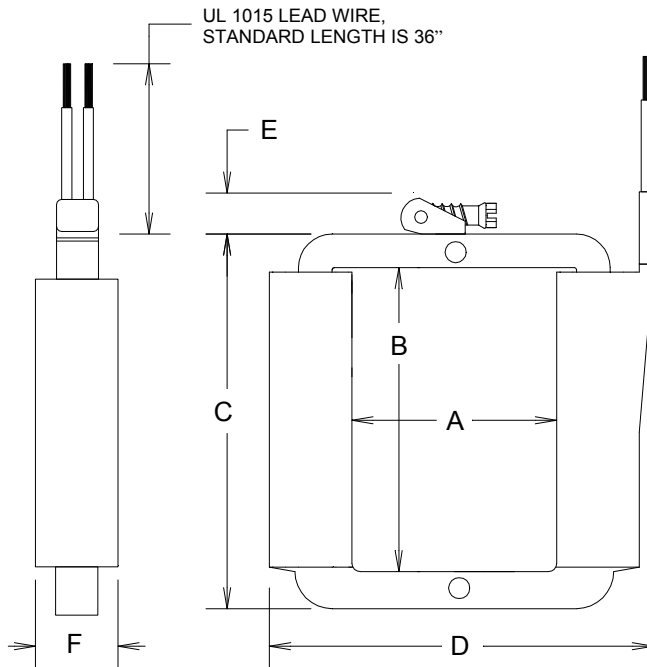
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SPLIT CORE CURRENT TRANSFORMER MODEL 5SP

2.88" x 4.25"

PAGE No 3-8

REV 19DEC00



DIMENSIONS

A = 2.88 MIN
B = 4.25 MIN
C = 5.56 MAX
D = 5.69 MAX
E = 0.61 MAX
F = 1.14 MAX

NOTES:

- 1). ALL DIMENSIONS ARE IN INCHES
- 2). ALL DIMENSIONS ARE REF ONLY
- 3). ALL DIMENSIONS ARE MEASURED OVER THE HIGHEST POINT OF THE APPROPRIATE SURFACE.
- 4). WHITE LEAD WIRE IS ELECTRICALLY IN PHASE WITH "H1" SIDE OF TRANSFORMER (with polarity marks)
- 5). **CAUTION**-POTENTIALLY LETHAL VOLTAGES MAY APPEAR ON TERMINALS IF NOT ELECTRICALLY CONNECTED TOGETHER WHEN INSTALLING ON TO AN ENERGIZED SYSTEM. IT IS IMPERATIVE THAT LEADS and/or TERMINALS BE SHORTED TOGETHER OR ATTACHED TO THE INTENDED BURDEN PRIOR TO SUCH INSTALLATION.

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 all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents C57.13, UL 1244, CSA CAN3-C13-M83, and IEC 44-1
- CT can be split apart and reassembled onto the primary conductor without interrupting service. **NOTE: Safety precautions must be observed**
- CT is finished in heavy vinyl tape with dipped acrylic overcoat. Uses imbedded SS band to secure two halves of transformer together

Options, contact Factory for information

- UV resistant Nylon band to secure two halves of transformer together (5SPS model)
- Reversed polarity, BLK lead wire is made X1
- 1, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 screw terminals
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios

2.88" x 4.25"

SPLIT CORE CURRENT
TRANSFORMER
MODEL 5SP

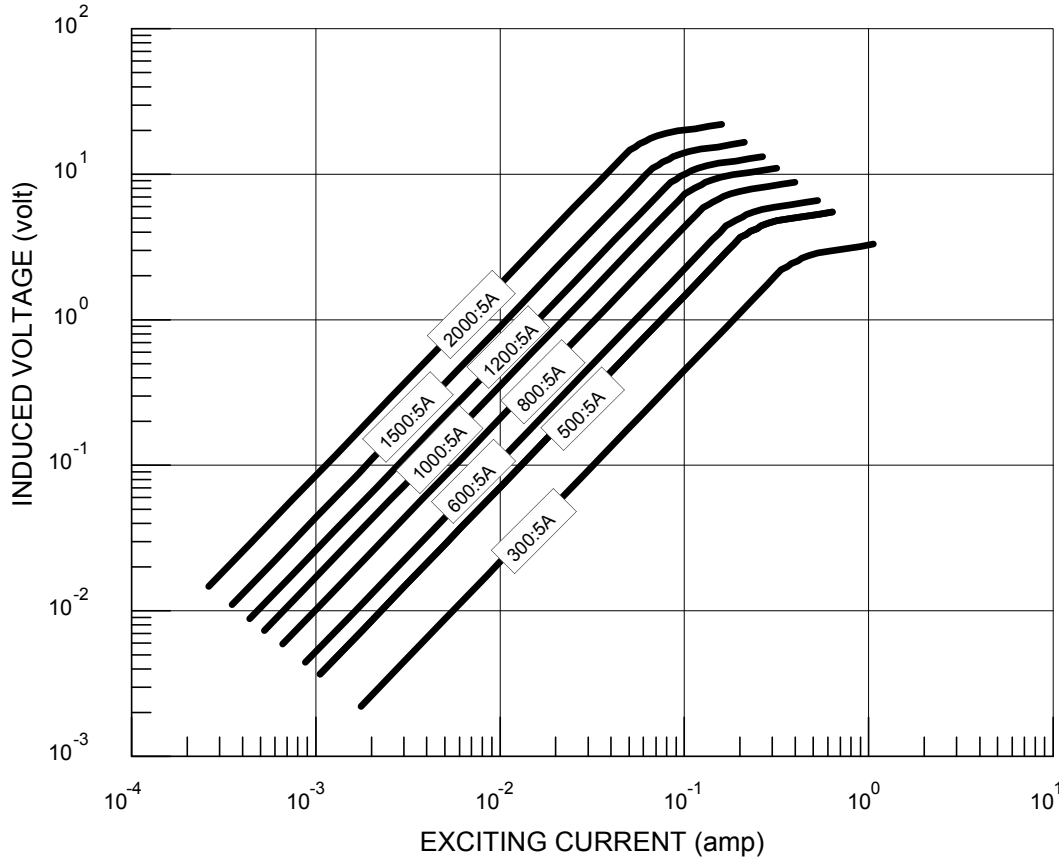


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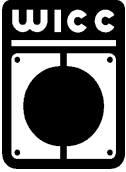
TYPICAL EXCITATION CURVE for WICC MODEL 5SP at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)	LEAD WIRE SIZE (AWG)
		± %	BURDEN (VA)		
5SP-300-00-xxx	300:5A	1.5	1.0	0.08	16
5SP-500-00-xxx	500:5A	1.0	2.0	0.17	16
5SP-600-00-xxx	600:5A	1.0	3.0	0.20	16
5SP-800-00-xxx	800:5A	1.0	10	0.27	16
5SP-1000-00-xxx	1000:5A	1.0	15	0.34	16
5SP-1200-00-xxx	1200:5A	1.0	25	0.40	16
5SP-1500-00-xxx	1500:5A	1.0	35	0.50	16
5SP-2000-00-xxx	2000:5A	1.0	50	0.67	16

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

NOTE ON ACCURACY: Because of the inherent design of this type of current transformer, accuracy is defined, in part, by the care with which the user installs the device. It is imperative that absolute cleanliness of the core mating surfaces be maintained during installation. Accuracy listed is verified at time of shipment and, with proper installation, should be realizable in the field.



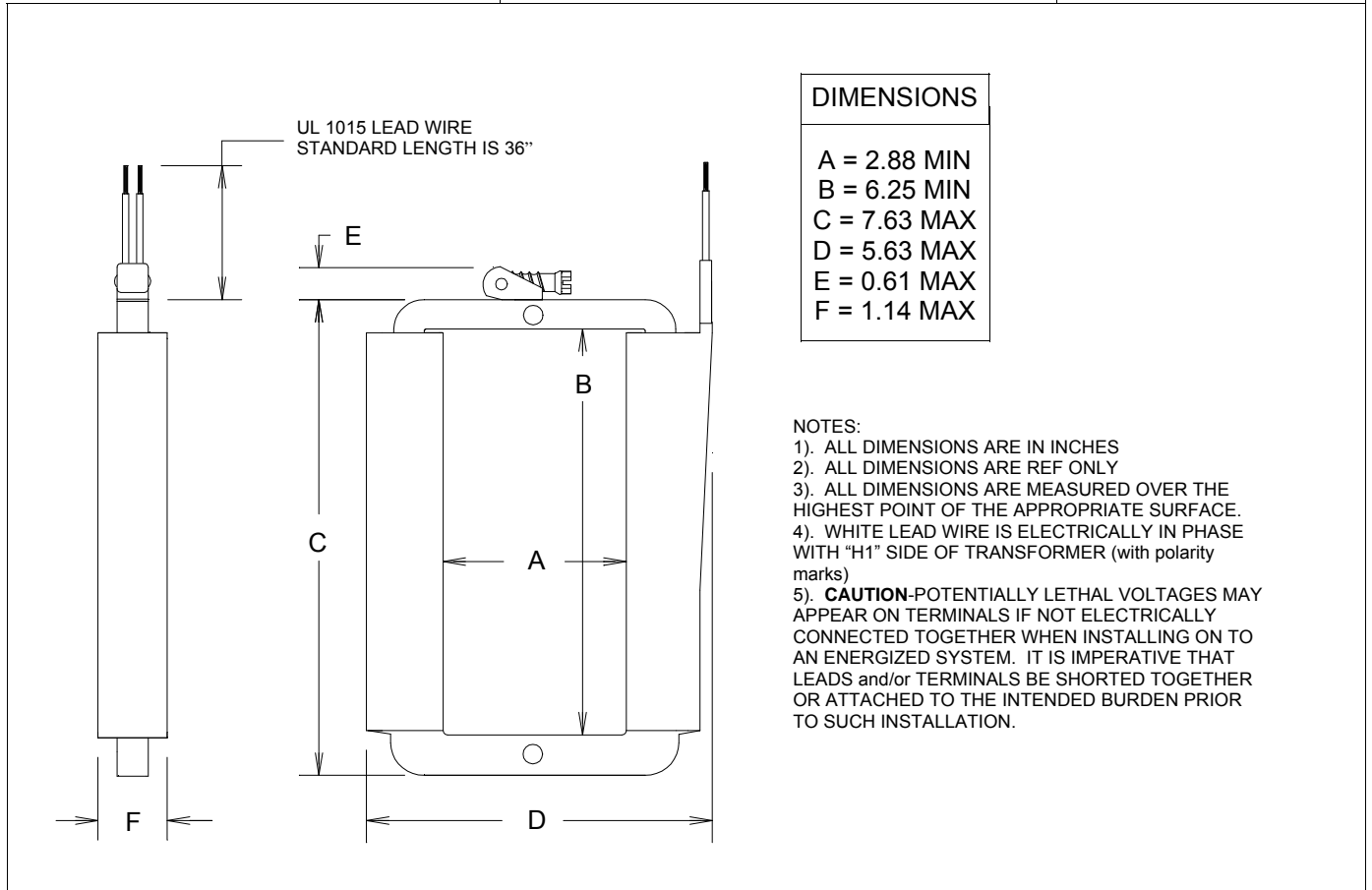
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SPLIT CORE CURRENT TRANSFORMER MODEL 7SP

2.88" x 6.25"

PAGE No 3-10

REV 19DEC00



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 all ratios
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents C57.13, UL 1244, CSA CAN3-C13-M83, and IEC 44-1
- CT can be split apart and reassembled onto the primary conductor without interrupting service. **NOTE: Safety precautions must be observed**
- CT is finished in heavy vinyl tape with dipped acrylic overcoat. Uses imbedded SS band to secure two halves of transformer together

Options, contact Factory for information

- UV resistant Nylon band to secure two halves of transformer together (7SPS model)
- Reversed polarity, BLK lead wire is made X1
- 1, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 screw terminals
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios

2.88" x 6.25"

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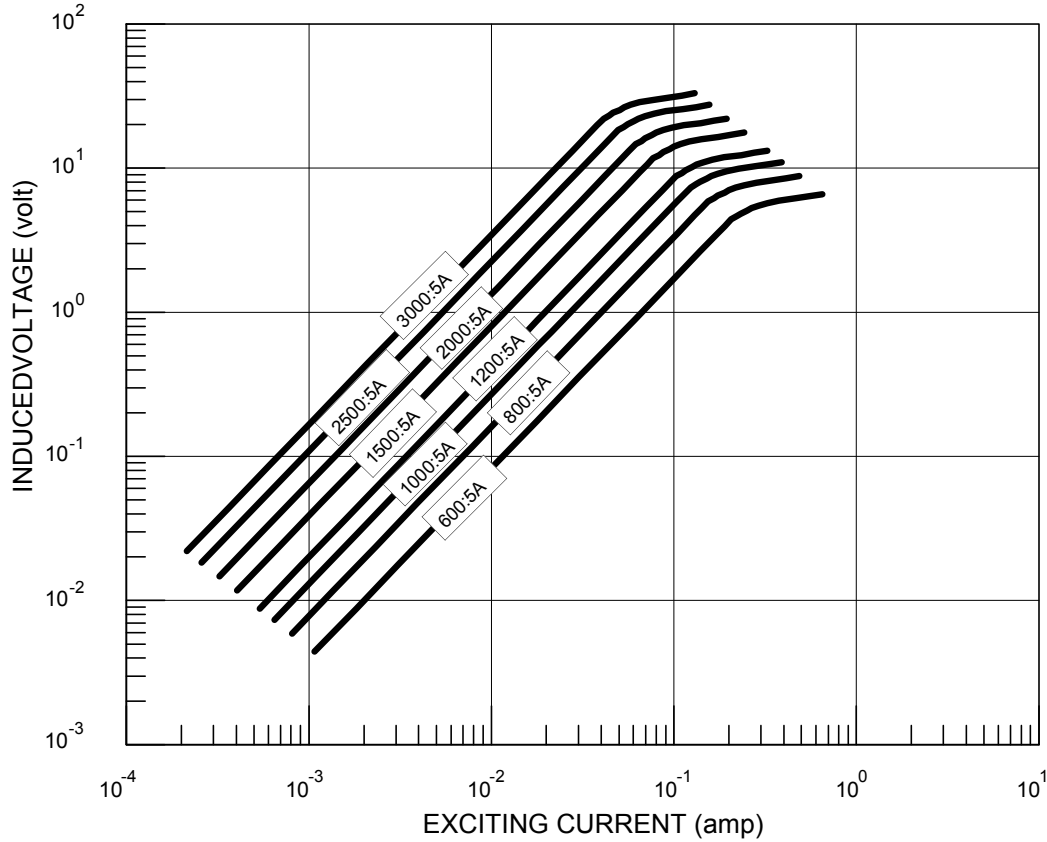
REV 19DEC00

SPLIT CORE CURRENT
TRANSFORMER
MODEL 7SP



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

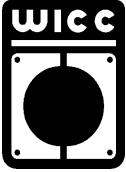
TYPICAL EXCITATION CURVE for WICC MODEL 7SP at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)	LEAD WIRE SIZE (AWG)
		± %	BURDEN (VA)		
7SP-600-00-xxx	600:5A	1.0	2.5	0.20	16
7SP-800-00-xxx	800:5A	1.0	5.0	0.27	16
7SP-1000-00-xxx	1000:5A	1.0	10	0.34	16
7SP-1200-00-xxx	1200:5A	1.0	15	0.40	16
7SP-1500-00-xxx	1500:5A	1.0	20	0.51	16
7SP-2000-00-xxx	2000:5A	1.0	40	0.67	16
7SP-2500-00-xxx	2500:5A	1.0	50	0.84	16
7SP-3000-00-xxx	3000:5A	1.0	50	1.01	16

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

NOTE ON ACCURACY: Because of the inherent design of this type of current transformer, accuracy is defined, in part, by the care with which the user installs the device. It is imperative that absolute cleanliness of the core mating surfaces be maintained during installation. Accuracy listed is verified at time of shipment and, with proper installation, should be realizable in the field.



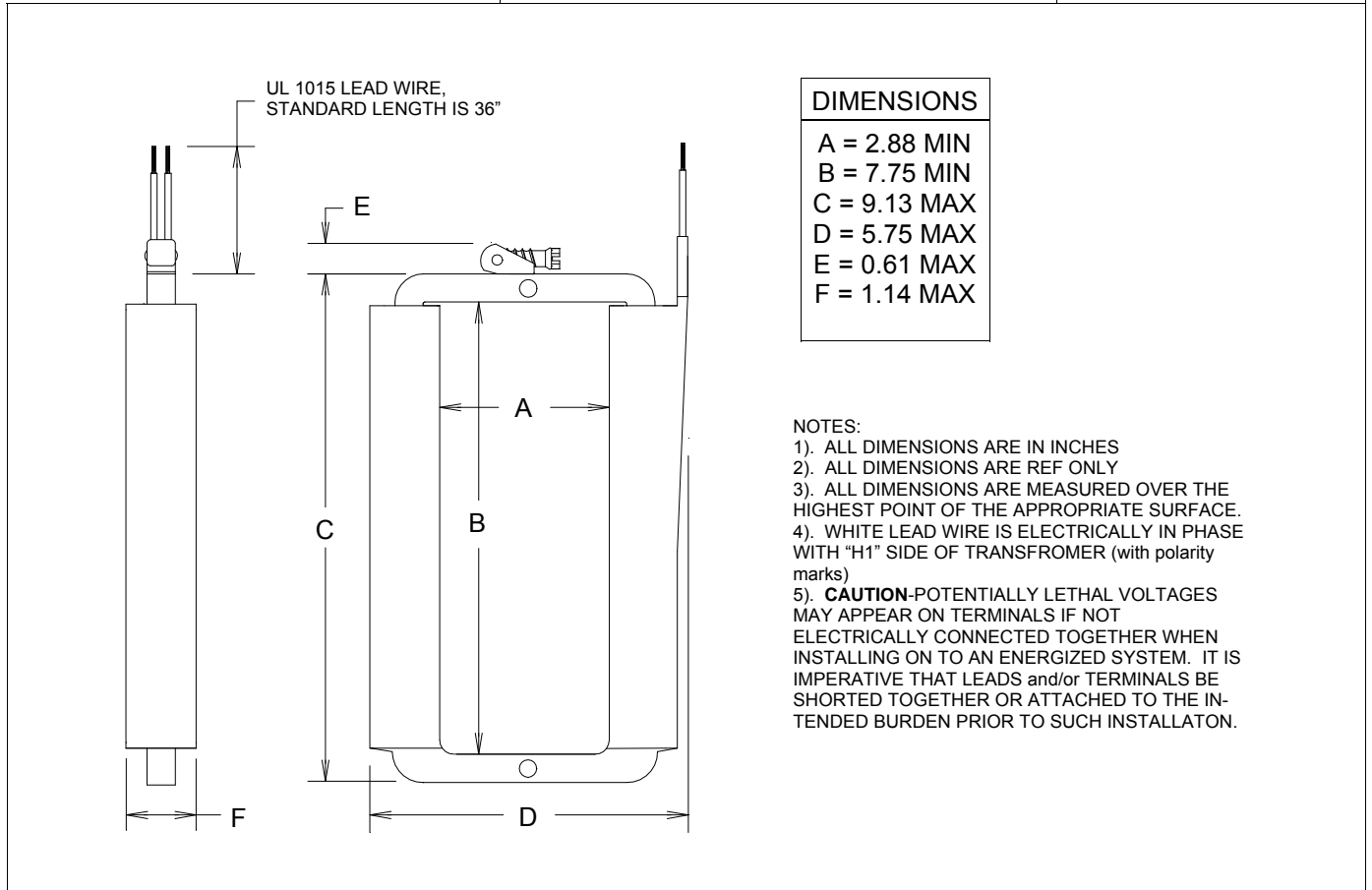
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SPLIT CORE CURRENT TRANSFORMER MODEL 9SP

2.88" x 7.75"

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REV 19DEC00



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 thru 7500:5A, 1.15 @ 30C for ratios of 7500:5A and above
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents C57.13, UL 1244, CSA CAN3-C13-M83, and IEC 44-1
- CT can be split apart and reassembled onto the primary conductor without interrupting service. **NOTE: Safety precautions must be observed**
- CT is finished in heavy vinyl tape with dipped acrylic overcoat. Uses imbedded SS band to secure two halves of transformer together

Options, contact Factory for information

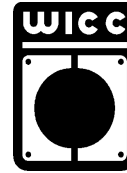
- UV resistant Nylon band to secure two halves of transformer together (9SPS model)
- Reversed polarity, BLK lead wire is made X1
- 1, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 screw terminals
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios

2.88" x 7.75"

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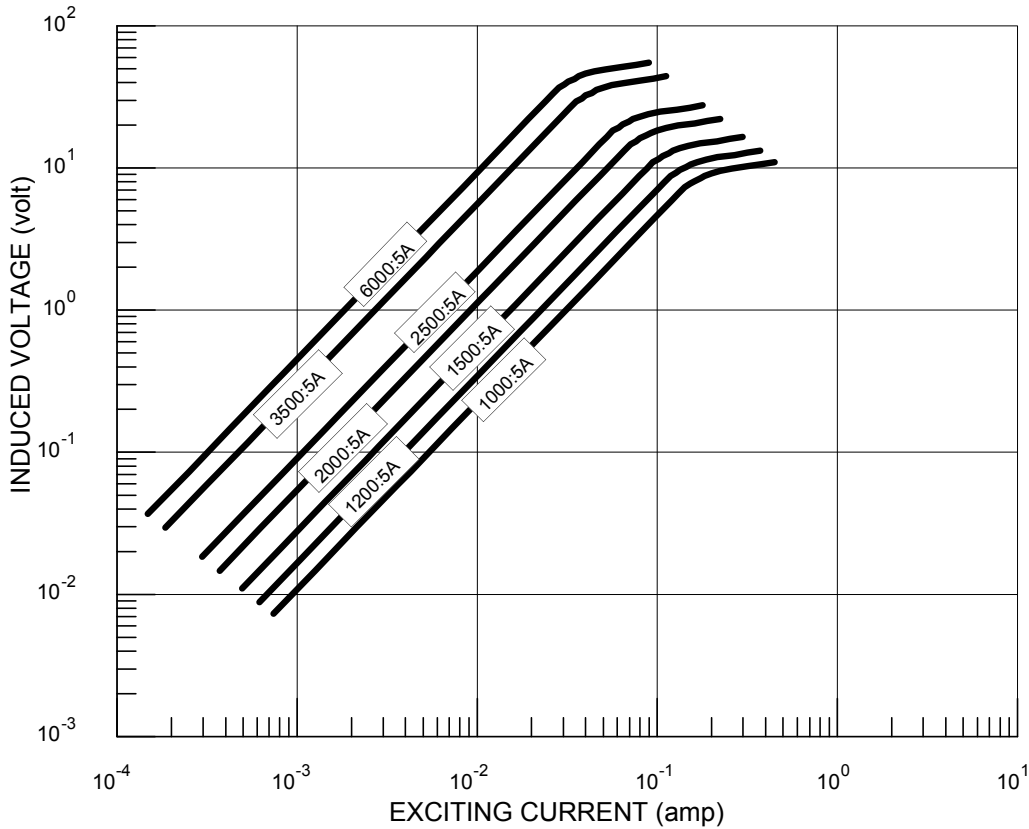
REV 19DEC00

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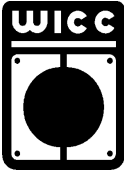
TYPICAL EXCITATION CURVE for WICC MODEL 9SP at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)	LEAD WIRE SIZE (AWG)
		± %	BURDEN (VA)		
9SP-1000-00-xxx	1000:5A	1.0	5.0	0.34	16
9SP-1200-00-xxx	1200:5A	1.0	10	0.40	16
9SP-1500-00-xxx	1500:5A	1.0	15	0.50	16
9SP-2000-00-xxx	2000:5A	1.0	40	0.54	16
9SP-2500-00-xxx	2500:5A	1.0	50	0.84	16
9SP-3500-00-xxx	3500:5A	1.0	50	1.18	16
9SP-6000-00-xxx	6000:5A	1.0	50	1.70	16

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

NOTE ON ACCURACY: Because of the inherent design of this type of current transformer, accuracy is defined, in part, by the care with which the user installs the device. It is imperative that absolute cleanliness of the core mating surfaces be maintained during installation. Accuracy listed is verified at time of shipment and, with proper installation, should be realizable in the field.



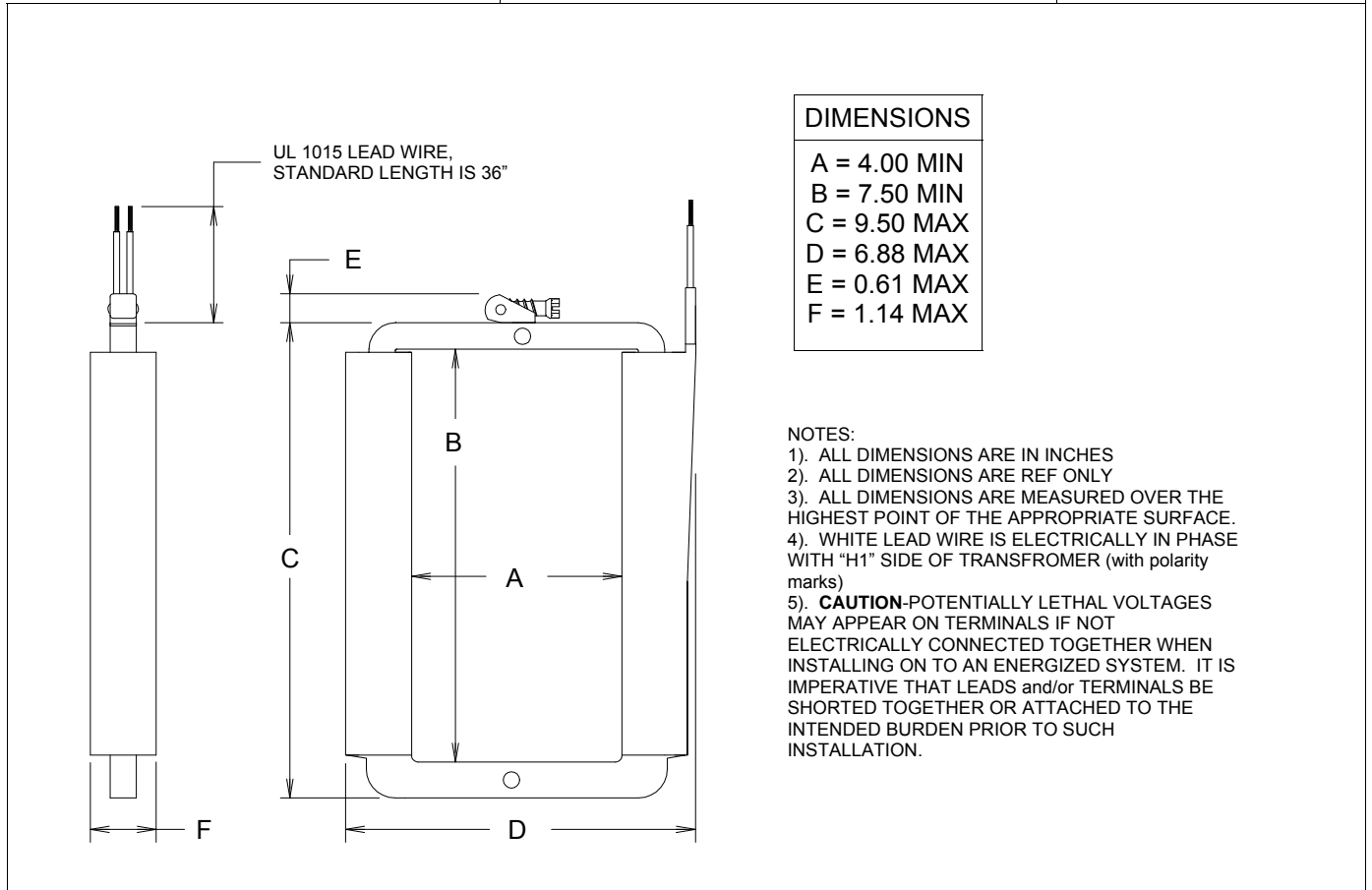
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SPLIT CORE CURRENT TRANSFORMER MODEL 91SP

4.00" x 7.50"

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REV 19DEC00



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 thru 7500:5A, 1.15 @ 30C for ratios of 7500:5A and above
- Insulation voltage class is 0.6KV BIL 10KV
- For indoor applications only
- Reference documents C57.13, UL 1244, CSA CAN3-C13-M83, and IEC 44-1
- CT can be split apart and reassembled onto the primary conductor without interrupting service. **NOTE: Safety precautions must be observed**
- CT is finished in heavy vinyl tape with dipped acrylic overcoat. Uses imbedded SS band to secure two halves of transformer together

Options, contact Factory for information

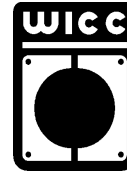
- UV resistant Nylon band to secure two halves of transformer together (91SPS model)
- Reversed polarity, BLK lead wire is made X1
- 1, 0.2, and 0.1 A output at F.S. primary amperage. Other non-standard ratings also available
- 8-32 screw terminals
- Custom lead wire lengths and types
- Thermal ratings above 1.33 for selected ratios

4.00" x 7.50"

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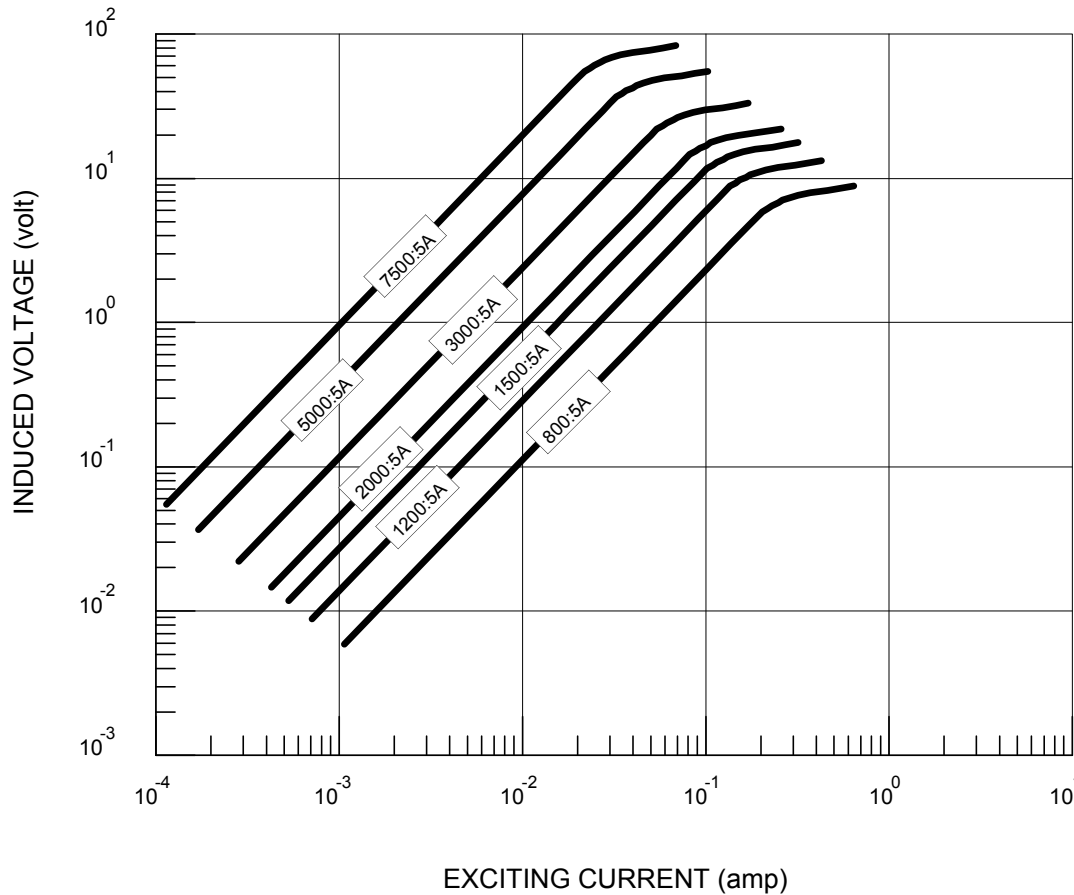
REV 19DEC00

SPLIT CORE CURRENT
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MODEL 91SP



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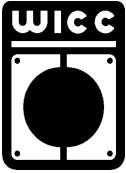
TYPICAL EXCITATION CURVE for WICC MODEL 91SP at 60HZ



W.I.C.C. PART NUMBER *	RATIO	ACCURACY @ 60HZ		NOMINAL WINDING RESISTANCE (ohm)	LEAD WIRE SIZE (AWG)
		± %	BURDEN (VA)		
91SP-800-00-xxx	800:5A	1.0	2.5	0.27	16
91SP-1200-00-xxx	1200:5A	1.0	7.5	0.40	16
91SP-1500-00-xxx	1500:5A	1.0	10	0.55	16
91SP-2000-00-xxx	2000:5A	1.0	25	0.72	16
91SP-3000-00-xxx	3000:5A	1.0	50	1.00	16
91SP-5000-00-xxx	5000:5A	1.0	50	1.70	16
91SP-7500-00-xxx	7500:5A	1.0	50	3.45	16

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

NOTE ON ACCURACY: Because of the inherent design of this type of current transformer, accuracy is defined, in part, by the care with which the user installs the device. It is imperative that absolute cleanliness of the core mating surfaces be maintained during installation. Accuracy listed is verified at time of shipment and, with proper installation, should be realizable in the field.



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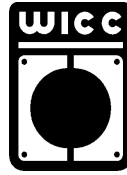
Appendices ...

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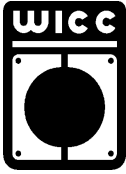
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Current Transformer, Application Checklist

Complete and return to WICC Ltd:
(Attach additional sheets as required)

FAX 309-444-3313
PO Box 252, Washington, IL 61571

	Date :			
Customer Information	Company Name :			
	Contact Name :			
	PH :			
	FAX :			
	e-mail :			
	Specific WICC or competitor's Model ?			
Describe Application	Maximum Primary Current being measured :		AMP	
	Size and Shape of Primary conductor(s) :			
	Frequency of Primary Current :		HZ	
	Max Overall Size of Current Transformer :			
	Desired Current Transformer output at full Primary Current :		AMP or VOLT	
	Solid or Split Core? Specify which :			
Describe Burden	Total Burden(s) attached to Current Transformer:		VA or OHM	
	ANSI Relay Class (if applicable):			
	Current Transformer to Burden Distance :		FT	
	Current Transformer to Burden Wire Size :		AWG	
	Accuracy Class at above Burden :			
	Over-current capability? Describe percentage, duty cycle and accuracy :			
Describe Transformer Construction	Termination :	_____ Studs or Screws		
		_____ Lead Wires How long?	IN	
	Optional Mounting Plate or Bracket? Specify which :			
	Insulation System :	_____ 600V		
		_____ 5KV (limited availability)		
	_____ 9KV (limited availability)			
	_____ 15KV (limited availability)			



WICC Ltd MODELS SP & SPS SPLIT-CORE CURRENT TRANSFORMERS

IMPORTANT NOTE: Purchase and/or use of WICC Ltd split-core current transformers constitutes acceptance of WICC Ltd's Limitation of Liability set forth in WICC Ltd's Standard Conditions of Sale dated 9/02/97.

GENERAL SAFETY PRECAUTIONS

- ✓ Installation of split-core current transformers (SPCT) should only be performed by a qualified technician.
- ✓ If at all possible, it is highly recommended that the primary circuit be de-energized prior to installation of a split-core current transformer. Otherwise, **LETHAL** voltages may be present across the secondary leadwires of the transformer. If de-energization is not possible, the secondary leadwires **MUST** either be shorted together or securely connected to the metering device prior to installation on the primary conductor.
- ✓ The split-core current transformer is supplied with a coil insulation system rated at 600VAC. However, portions of the transformer assembly contain conductive metal components that may not be fully insulated and should not be allowed to contact an uninsulated primary conductor or bus bar. Any such bare conductors should be properly insulated prior to installation of the transformer. Failure to do so may permanently damage the device and adversely affect its performance.
- ✓ Do not remove the high voltage warning tag supplied with the split-core current transformer.

INSTALLATION NOTES

For MODEL SP Only (metal band - see figure 1)

1. Before disassembling the SPCT, note the two polarity "dots" located on the same side of the transformer. The SPCT must be reassembled in the same configuration.
2. The side of the transformer with the two polarity "dots" is the H1 side. This side is typically oriented towards the power source and is electrically in phase with the X1 lead wire. For standard polarity models the WHT lead wire is X1. For reversed polarity models the BLK lead wire is X1.
3. With a 5/16" nut driver, loosen the worm screw on the metal band clamp. Once loosened, separate both ends of the metal band to expose the top half of the SPCT core, carefully remove the top half of the core.
4. Reassemble the SPCT onto the primary conductor. Insure the contact areas between the two core halves are clean and free of any debris. The polarity "dots" on the transformer body should be positioned as noted in step 1.
5. Tighten the worm screw to 45 in-lbs of torque. Overtightening will strip the worm screw, and could damage the SPCT. Undertightening will cause the SPCT to perform poorly.
6. Typically, SPCT's are mounted by securing them to the conductor with nylon cable ties. If more formal mounting is desired, contact WICC for information on available mounting brackets.

For MODEL SPS Only (nylon band - see figure 2)

1. Before disassembling the SPCT, note the two polarity "dots" located on the same side of the transformer. The SPCT must be reassembled in the same configuration.
2. The side of the transformer with the two polarity "dots" is the H1 side. This side is typically oriented towards the power source and is electrically in phase with the X1 lead wire. For standard polarity models the WHT lead wire is X1. For reversed polarity models the BLK lead wire is X1.
3. Use a flat screwdriver to release the lock on the nylon band. Once loosened, separate both ends of the nylon band to expose the top half of the SPCT core, carefully remove the top half of the core.
4. Reassemble the SPCT onto the primary conductor. Insure the contact areas between the two core halves are clean and free of any debris. The polarity "dots" on the transformer body should be positioned as noted in step 1.
5. Feed the end of nylon band through the clasp and pull tight to lock in place. Installation tools, such as Panduit® ST2EH or GS4EH, are available from third party vendors and may facilitate tightening the nylon band.
6. Typically, SPCT's are mounted by securing them to the conductor with nylon cable ties. If more formal mounting is desired, contact WICC for information on available mounting brackets.

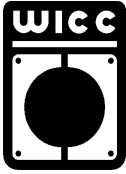


Figure 1 (MODEL SP, with metal band)

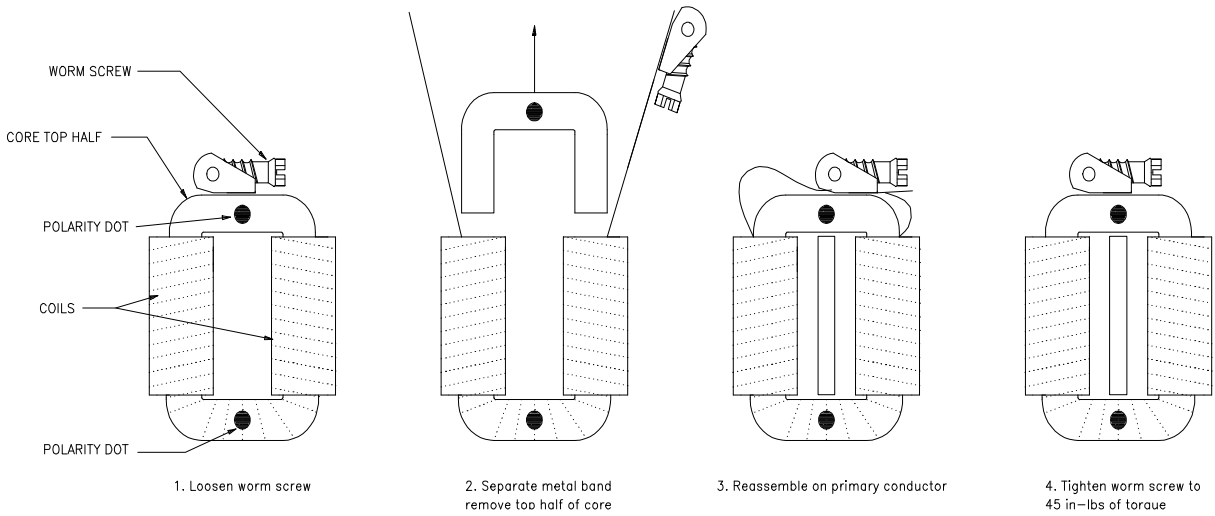


Figure 2 (MODEL SPS, with nylon band)

