

# Single-Phase Encapsulated

## General Purpose

.050 - 1 KVA, 95°C Temperature Rise; 1.5 - 25 KVA, 135°C Temperature Rise

KVA	Catalog Number	Fig.	Height A (in.)	Width B (in.)	Depth C (in.)	Wiring Diagram	Est. Ship Wgt. (lbs.)
<b>120 X 240 V – 120/240 V 60 Hz • Taps None</b>							
.500	411-0051-120	2	10.19	5.06	4.59	S240A	15
1	411-0071-120	2	10.19	5.06	4.59		19
2	411-0091-120	3	12.50	6.69	5.34		41
3	411-0101-120	3	14.56	7.56	7.15		68
5	411-0111-120	3	14.56	7.56	7.15		93
7.5	411-0131-120	4	16.12	13.50	8.55		130
10	411-0151-120	4	16.12	13.50	8.55		155
15	411-0161-120	4	21.12	16.50	10.06		255
25	411-0181-120	4	21.12	16.50	10.06		291
<b>208 V – 120/240 V 60 Hz • Taps None</b>							
.500	411-0051-208	2	10.19	5.06	4.59	S208A	15
1	411-0071-208	2	10.19	5.06	4.59		19
2	411-0091-208	3	12.50	6.69	5.34		41
3	411-0101-208	3	14.56	7.56	7.15		68
5	411-0111-208	3	14.56	7.56	7.15		93
7.5	411-0131-208	4	16.12	13.50	8.55		130
10	411-0151-208	4	16.12	13.50	8.55		155
15	411-0161-208	4	21.12	16.50	10.06		255
25	411-0181-208	4	21.12	16.50	10.06		291
<b>240 X 480 V – 120/240 V 60 Hz • Taps None</b>							
.050	411-0001-000	2	8.03	3.31	3.08	S480A	6
.100	411-0021-000	2	8.03	3.31	3.08		6
.150	411-0031-000	2	8.03	3.31	3.08		6
.250	411-0041-000	2	8.03	3.31	3.08		7
.500	411-0051-000	2	10.19	5.06	4.59		15
.750	411-0061-000	2	10.19	5.06	4.59		18
1	411-0071-000	2	10.19	5.06	4.59		19
1.5	411-0081-000	3	12.50	6.69	5.34		33
2	411-0091-000	3	12.50	6.69	5.34		41
3	411-0101-000	3	14.56	7.56	7.15		68
5	411-0111-000	3	14.56	7.56	7.15		93
7.5	411-0131-000	4	16.12	13.50	8.55		130
10	411-0151-000	4	16.12	13.50	8.55		155
15	411-0161-000	4	21.12	16.50	10.06		255
25	411-0181-000	4	21.12	16.50	10.06		291
<b>240 x 480 V – 120/240 V 60 Hz • Taps: 2 – 2.5% FCAN + 2 – 2.5% FCBN</b>							
3	411-0104-300	3	14.56	7.56	7.15	S480B	68
5	411-0114-300	3	14.56	7.56	7.15		93
7.5	411-0134-300	4	16.12	13.50	8.55		130
10	411-0154-300	4	16.12	13.50	8.55		155
15	411-0164-300	4	21.12	16.50	10.06		255
25	411-0184-300	4	21.12	16.50	10.06		291

**Note:** Housing dimensions subject to change without notice. Consult website or factory where dimensions are critical.



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1-800-892-3755

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Dry-Type Transformers



# Single-Phase Encapsulated

# 2



0.050 to 25 KVA

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# 2

## Single-Phase Encapsulated

### Products

- *General Purpose: 50 VA through 25 KVA\**
- *International: 1 KVA through 25 KVA\**

### Applications

- *For all general loads, indoors or out, including lighting, industrial and commercial applications*
- *Units may be banked for 3-Phase operations*

### Specifications

- *Encapsulated with electrical grade resin*
- *Cores of high quality electrical steel*
- *NEMA 3R-rated enclosures*
- *50/60 Hz operation as noted*
- *International units electrostatically shielded*
- *Heat-cured ASA-61 gray powder coat finish*

### Features, Functions, Benefits

- *Large connection compartment with knockouts for ease of wiring and installation*
- *Quiet operation for installation flexibility*
- *Slotted mounting holes for quick and easy mounting*
- *Convenient wall mount design with lifting hooks above 5 KVA*
- *Permanently affixed wiring diagram*

### Standards

- *Built in accordance with NEMA, ANSI, UL and CSA standards*
- *International units are CE Marked*

### \*Options and Accessories

- *CE Marked units available as custom*
- *Other sizes and voltages available as custom*

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Figure 2

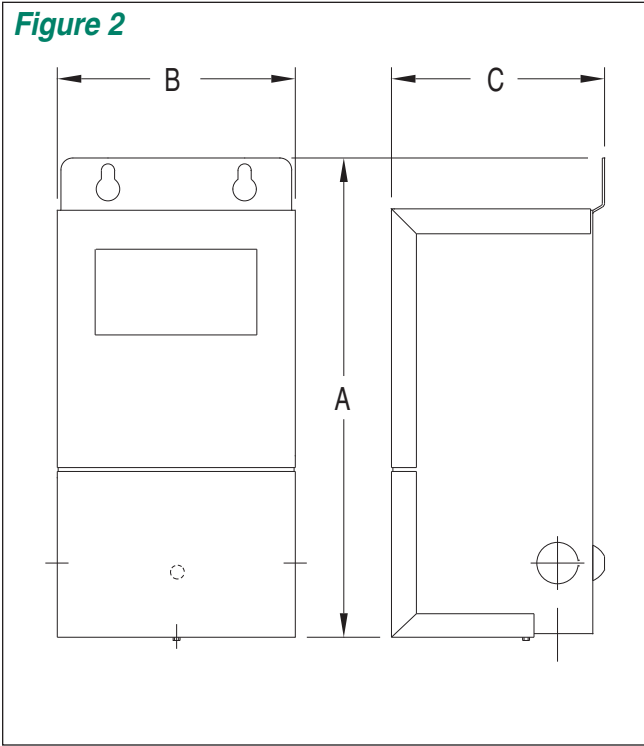


Figure 3

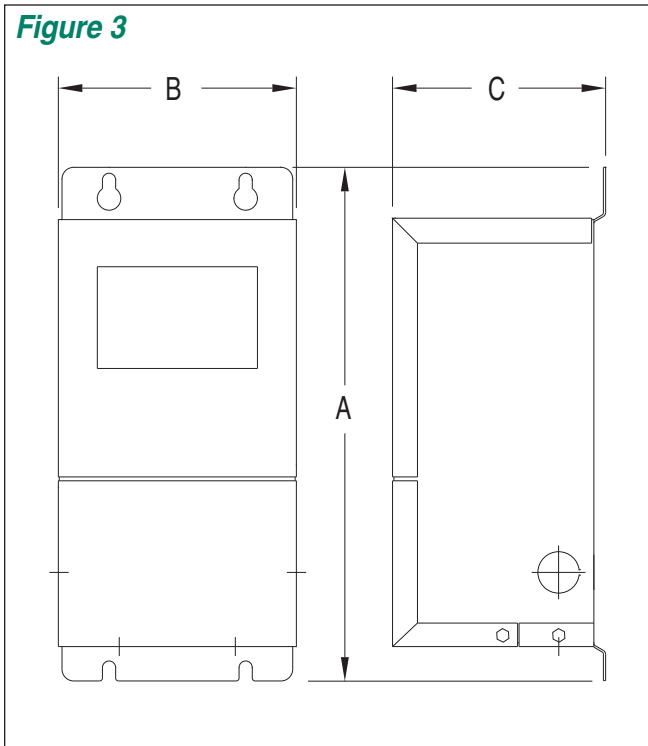
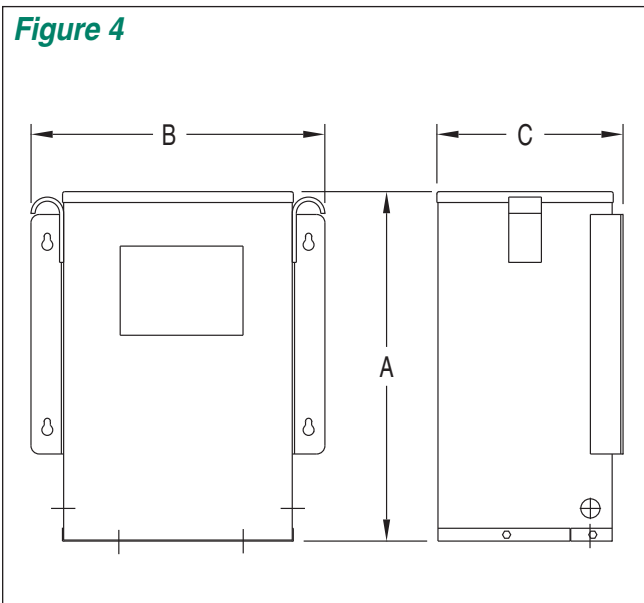


Figure 4

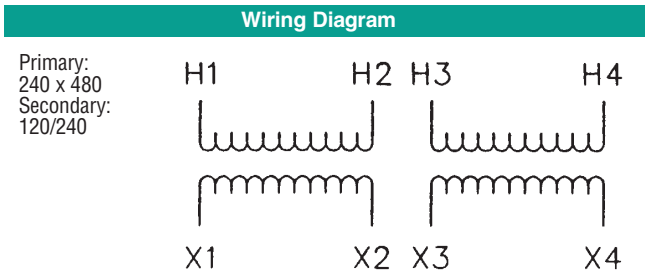


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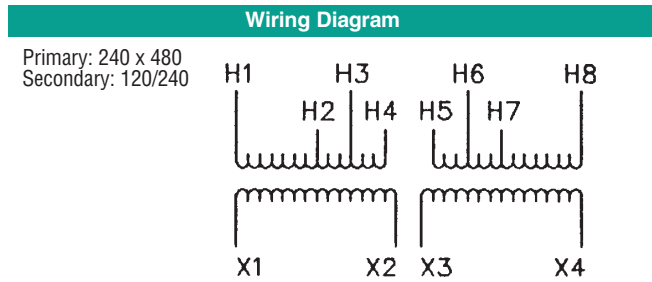
# Single-Phase Encapsulated

## S480A Wiring Diagram & Connections\*



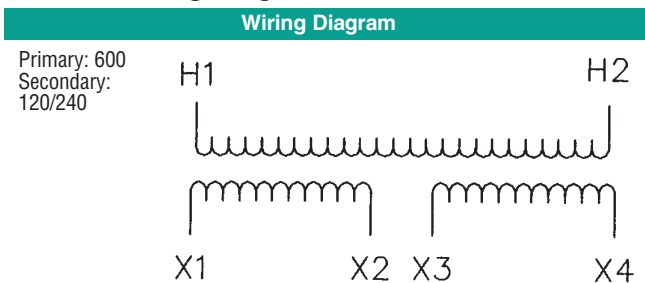
Connections		
Primary Volts	Interconnect	Primary Lines Connect To
480	H2 to H3	H1-H4
240	H1 to H3	H1-H4
	H2 to H4	H1-H4
Sec. Volts	Interconnect	Secondary Lines Connect To
240	X2 to X3	X1-X4
120/240	X2 to X3	X1-X2-X4
120	X1 to X3	X1-X4
	X2 to X4	X1-X4

## S480B Wiring Diagram & Connections\*



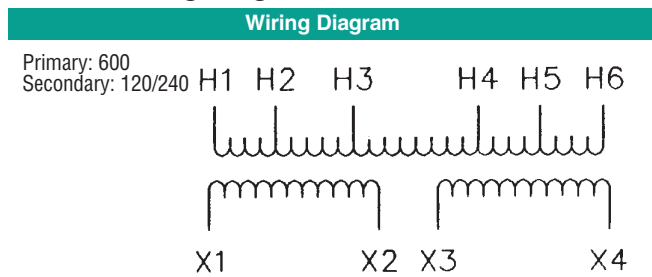
Connections		
Primary Volts	Interconnect	Primary Lines Connect To
504	H4 to H5	H1 and H8
492	H3 to H5	H1 and H8
480	H3 to H6	H1 and H8
468	H2 to H6	H1 and H8
456	H2 to H7	H1 and H8
252	H1 to H5	H1 and H8
	H4 to H8	H1 and H8
240	H1 to H6	H1 and H8
	H3 to H8	H1 and H8
228	H1 to H7	H1 and H8
	H2 to H8	H1 and H8
Sec. Volts	Interconnect	Secondary Lines Connect To
240	X2 to X3	X1 and X4
120/240	X2 to X3	X1-X2-X4
120	X1 to X3	X1-X4
	X2 to X4	X1-X4

## S600A Wiring Diagram & Connections\*



Connections		
Primary Volts	Interconnect	Primary Lines Connect To
600		H1-H2
Sec. Volts	Interconnect	Secondary Lines Connect To
240	X2 to X3	X1-X4
120/240	X2 to X3	X1-X2-X4
120	X1 to X3	X1-X4
	X2 to X4	X1-X4

## S600B Wiring Diagram & Connections\*



Connections		
Primary Volts	Interconnect	Primary Lines Connect To
600		H1-H6
585		H1-H5
570		H2-H5
555		H2-H4
540		H3-H4
Sec. Volts	Interconnect	Secondary Lines Connect To
240	X2 to X3	X1-X4
120/240	X2 to X3	X1-X2-X4
120	X1 to X3	X1-X4
	X2 to X4	X1-X4

NOTE: Electrostatic shields are optionally available and not shown in all wiring diagrams. \* Insulate unused taps individually.

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