

# Aluminum K1 3-Phase Delta Primary Series J

## DOE 2016 3-Phase Dry Type Ventilated Transformer

Standard Temp Rise – 150° C

Reference Siemens Series below:

**3BxyyyD16**

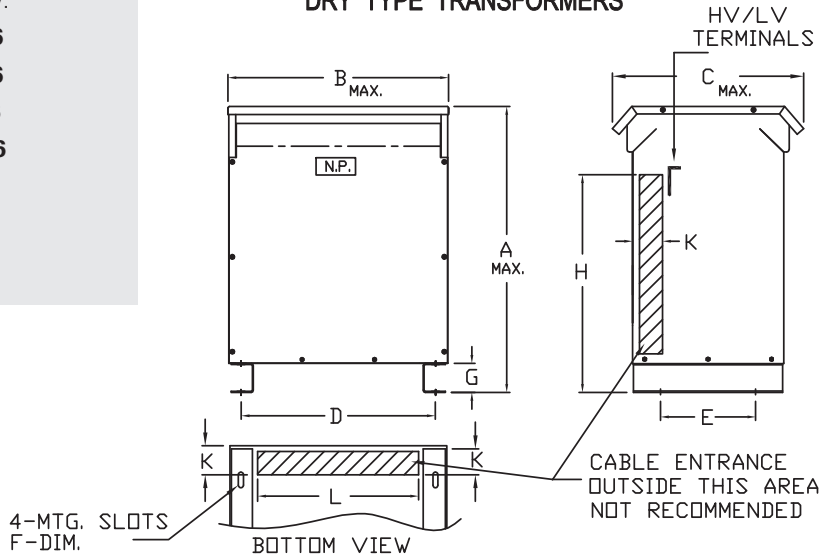
**3CxyyyD16**

**3FxyyyD16**

**3GxyyyD16**

plus others

### SIEMENS DRY TYPE TRANSFORMERS



**Reference Wiring Diagram Number Below:**

T208B	T208D
T208F	T208G
T208I	T208J
T208K	T208L
T240B	T240D
T240E	T240F
T240H	T240I
T480E	T480G
T480J	T480K
T480M	T480N
T480P	T600G
T600I	plus others

TEMP RISE	K-FACTOR	WINDINGS	EFFICIENCY
150	K-1	ALUMINUM	DOE-2016

DIMENSIONS IN (E)=INCHES & (M)=CENTIMETERS

KVA	NET WT. LBS.	A		B		C		D		E		F		G		H		K		L	
		E	M	E	M	E	M	E	M	E	M	E	M	E	M	E	M	E	M	E	M
15	215	22.0	55.9	19.0	48.3	21.0	53.3	16.8	41.6	12.0	30.5	.56x1.13	1.42x2.87	3.0	7.6	12.0	30.5	3.0	7.6	13.0	33.0
30	330	25.0	63.5	22.0	55.9	22.0	55.9	17.4	44.1	13.0	33.0	.56x1.13	1.42x2.87	3.0	7.6	13.0	33.0	3.0	7.6	15.0	38.1
45	415	28.0	71.1	25.0	63.5	23.5	59.7	20.8	52.7	14.5	36.8	.56x1.13	1.42x2.87	3.0	7.6	16.0	40.6	3.0	7.6	17.0	43.2
75	585	32.0	81.3	27.0	68.6	26.0	66.0	23.5	59.7	16.0	40.6	.56x1.13	1.42x2.87	3.0	7.6	18.0	45.7	3.0	7.6	20.0	50.8
112.5	795	38.0	96.5	29.0	73.7	29.0	73.7	25.5	64.8	18.0	45.7	.56x1.13	1.42x2.87	3.0	7.6	20.0	45.8	3.0	7.6	22.0	55.9
150	1035	42.0	107	33.0	83.8	32.5	82.6	29.5	74.9	21.0	53.3	.56x1.13	1.42x2.87	3.0	7.6	23.0	58.4	4.0	10.2	25.5	64.8
225	1430	46.0	117	35.0	88.9	37.0	94.0	31.5	80.0	25.0	63.5	.56x1.13	1.42x2.87	3.0	7.6	32.0	81.3	5.0	12.7	27.5	69.9
300	1755	52.0	132	35.0	88.9	37.0	94.0	31.5	80.0	25.0	63.5	.56x1.13	1.42x2.87	3.0	7.6	32.0	81.3	5.0	12.7	27.5	69.9
500	2760	60.0	154	48.0	122	43.5	110.5	42.0	107	27.0	68.6	.56x1.13	1.42x2.87	4.0	10.2	36.0	91.4	5.0	12.7	34.0	86.4
750	4150	72.0	183	52.0	132	44.0	112	34.0	86.4	42.0	107	.56x1.13	1.42x2.87	4.0	10.2	50.0	112	5.0	12.7	32.0	81.3
1000	6000	81.0	206	66.0	168	61.0	155	63.0	160	38.5	97.8	.56x1.13	1.42x2.87	5.0	12.7	60.0	152	6.0	15.2	48.0	122

NOTES:

- ALL UNITS ARE UL LISTED AND ARE DESIGNED IN ACCORDANCE WITH ANSI C89.2 AND NEMA ST-20 STANDARDS.
- THESE TRANSFORMERS UTILIZE A UL RECOGNIZED 220°C INSULATION SYSTEM.
- TRANSFORMERS ARE DRY TYPE, CLASS AA, VENTILATED ENCLOSURE FOR INDOOR OR OUTDOOR USE.
- FOR LIFTING OTHER THAN WITH FORK TRUCK, REMOVE TOP COVER AND USE CORE CLAMPS.
- PAINT COLOR IS ANSI #61 GRAY.
- FULL WIDTH COPPER ELECTROSTATIC SHIELD (OPTIONAL).
- 6" REQUIRED CLEARANCE FROM THE WALLS.
- HV/LV TERMINALS ARE TOP FRONT TERMINATED.
- NET. WEIGHTS ARE APPROXIMATE.
- MEETS DOE-2016 EFFICIENCY 10 CFR PART 431

Siemens Industry, Inc.

GENERAL PURPOSE TRANSFORMERS  
THREE-PHASE, 600 VOLTS CLASS, 60 HZ.

J201


REV.  
A

# Quick Reference for J Series Transformers

## Aluminium D16 Drawings and Wiring Diagrams

AL	3 Phase Primary/ Secondary	Primary	Secondary	Reference Wiring diagram (Tap = diagram #)
AL	3B1	208	240D/120	Y=T208K, M=T208L
AL	3B3	208	208Y/120	Y=T208B, M=T208F, N=T208I
AL	3B5	208	480Y/277	Y=T208D, M=T208G, N=T208J
AL	3C3	240	208Y/120	Y=T240B, M=T240F, N=T240I
AL	3C5	240	480Y/277	Y=T240D, M=T240E, N=T240H
AL	3F1	480	240D/120	Y=T480G, T=T480N
AL	3F3	480	208Y/120	Y=T480E, T=T480M
AL	3F5	480	480Y/277	Y=T480J, T=T480P
AL	3F6	480	380Y/219	T=T480K
AL	3G3	600	208Y/120	T=T600G
AL	3G5	600	480Y/277	T=T600I

## Alluminium Reference Code / Table Drawing




K-factor	Temp Rise degrees C		
Std = K1	150 (Std.)	115	80
K4			
K13			
K20			
K1	J201	J202	J203
K4	J209	J210	J211
K13	J212	J213	J228
K20	J214	J215	J230

## Copper D16 Drawings and Wiring Diagrams

CU	3 Phase Primary/ Secondary	Primary	Secondary	Reference Wiring diagram (Tap = diagram #)
CU	3B1	208	240D/120	Y=T208K, M=T208L
CU	3B3	208	208Y/120	Y=T208B, M=T208F, N=T208I
CU	3B5	208	480Y/277	Y=T208D, M=T208G, N=T208J
CU	3C3	240	208Y/120	Y=T240B, M=T240F, N=T240I
CU	3C5	240	480Y/277	Y=T240D, M=T240E, N=T240H
CU	3F1	480	240D/120	Y=T480G, T=T480N
CU	3F3	480	208Y/120	Y=T480E, T=T480M
CU	3F5	480	480Y/277	Y=T480J, T=T480P
CU	3F6	480	380Y/219	T=T480K
CU	3G3	600	208Y/120	T=T600G
CU	3G5	600	480Y/277	T=T600I

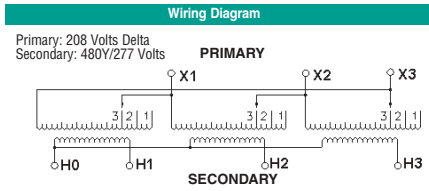
## Copper Reference Code / Table Drawing



K-factor	Temp Rise degrees C		
Std = K1	150 (Std.)	115	80
K4			
K13			
K20			
K1	J216	J217	J218
K4	J221	J222	J223
K13	J224	J225	J229
K20	J226	J227	J231

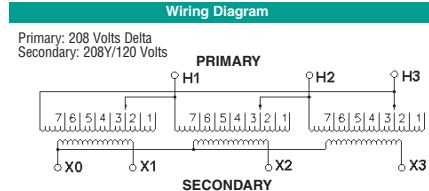
# Wiring Diagrams

**T208A** Wiring Diagram & Connections\*



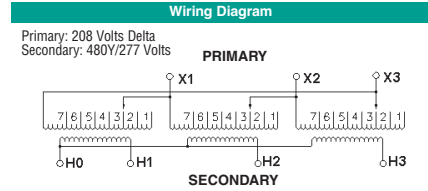
Connections		
Primary Volts	Jumper Taps To	Primary Lines Connect To
208	1	X1, X2, X3
198	2	X1, X2, X3
187	3	X1, X2, X3
Sec. Volts	Secondary Lines Connect To	
480	H1, H2, H3	
277	Between H0 and H1 or H2 or H3	
1 Phase		

**T208B** Wiring Diagram & Connections\*



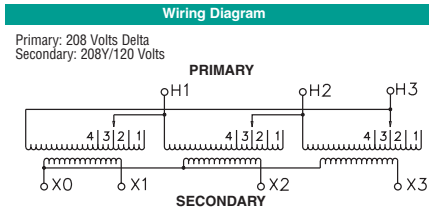
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
218	1	H1, H2, H3
213	2	H1, H2, H3
208	3	H1, H2, H3
203	4	H1, H2, H3
198	5	H1, H2, H3
192	6	H1, H2, H3
187	7	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
208	X1, X2, X3	
120	Between X0 and X1 or X2 or X3	
1 Phase		

**T208D** Wiring Diagram & Connections\*



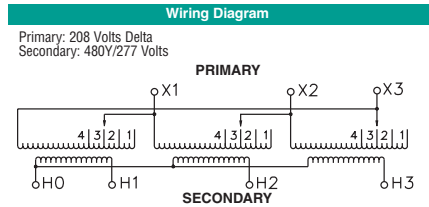
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
218	1	X1, X2, X3
213	2	X1, X2, X3
208	3	X1, X2, X3
203	4	X1, X2, X3
198	5	X1, X2, X3
192	6	X1, X2, X3
187	7	X1, X2, X3
Sec. Volts	Secondary Lines Connect To	
480	H1, H2, H3	
277	Between H0 and H1 or H2 or H3	
1 Phase		

**T208F** Wiring Diagram & Connections\*



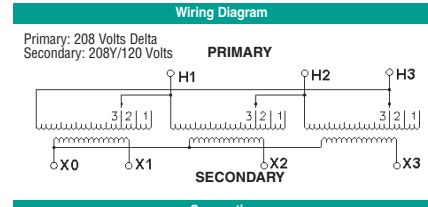
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
218	1	H1, H2, H3
208	2	H1, H2, H3
198	3	H1, H2, H3
187	4	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
208	X1, X2, X3	
120	Between X0 and X1 or X2 or X3	
1 Phase		

**T208G** Wiring Diagram & Connections\*



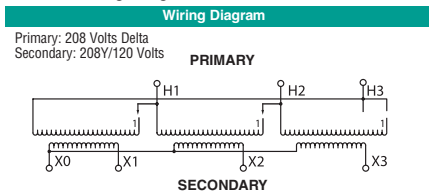
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
218	1	X1, X2, X3
208	2	X1, X2, X3
198	3	X1, X2, X3
187	4	X1, X2, X3
Sec. Volts	Secondary Lines Connect To	
480	H1, H2, H3	
277	Between H0 and H1 or H2 or H3	
1 Phase		

**T208H** Wiring Diagram & Connections\*



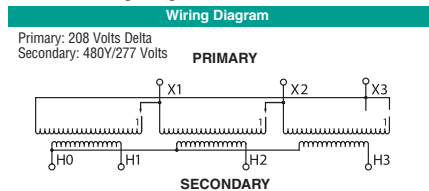
Connections		
Primary Volts	Jumper Taps To	Primary Lines Connect To
208	1	H1, H2, H3
198	2	H1, H2, H3
187	3	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
208	X1, X2, X3	
120	Between X0 and X1 or X2 or X3	
1 Phase		

**T208I** Wiring Diagram & Connections\*



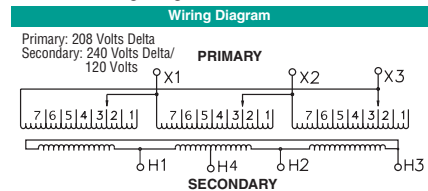
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
208	1	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
208	X1, X2, X3	
120	Between X0 and X1 or X2 or X3	
1 Phase		

**T208J** Wiring Diagram & Connections\*



Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
208	1	X1, X2, X3
Sec. Volts	Secondary Lines Connect To	
480	H1, H2, H3	
277	Between H0 and H1 or H2 or H3	
1 Phase		

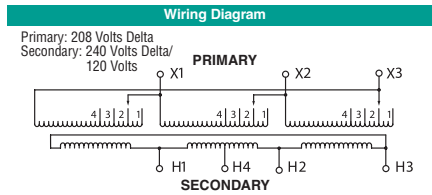
**T208K** Wiring Diagram & Connections\*



Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
218	1	X1, X2, X3
213	2	X1, X2, X3
208	3	X1, X2, X3
203	4	X1, X2, X3
198	5	X1, X2, X3
192	6	X1, X2, X3
187	7	X1, X2, X3
Sec. Volts	Secondary Lines Connect To	
240	H1, H2, H3	
120	H1 and H4 or H2 and H4	
1 Phase		

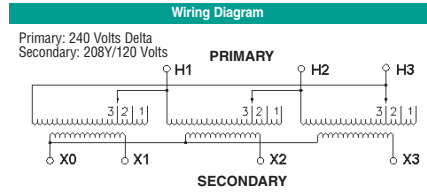
# Wiring Diagrams

**T208L** Wiring Diagram & Connections\*



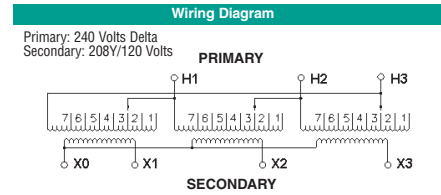
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
218	1	H1, H2, H3
208	2	H1, H2, H3
198	3	H1, H2, H3
187	4	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
240	H1, H2, H3	
120	H1 and H4 or H2 and H4	
1 Phase		

**T240A** Wiring Diagram & Connections\*



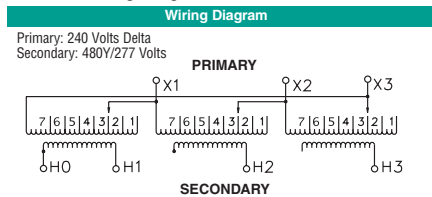
Connections		
Primary Volts	Jumper Taps To	Primary Lines Connect To
240	1	H1, H2, H3
228	2	H1, H2, H3
216	3	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
208	X1, X2, X3	
120	Between X0 and X1 or X2 or X3	
1 phase		

**T240B** Wiring Diagram & Connections\*



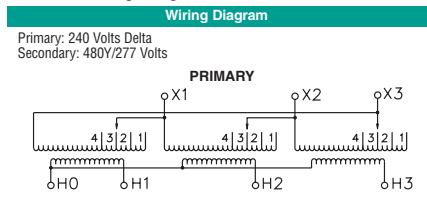
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
252	1	H1, H2, H3
246	2	H1, H2, H3
240	3	H1, H2, H3
234	4	H1, H2, H3
228	5	H1, H2, H3
222	6	H1, H2, H3
216	7	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
208	X1, X2, X3	
120	Between X0 and X1 or X2 or X3	
1 Phase		

**T240D** Wiring Diagram & Connections\*



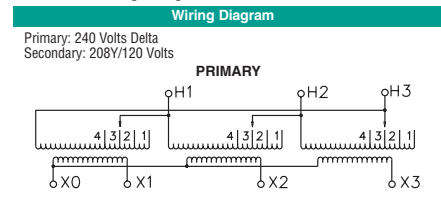
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
252	1	X1, X2, X3
246	2	X1, X2, X3
240	3	X1, X2, X3
234	4	X1, X2, X3
228	5	X1, X2, X3
222	6	X1, X2, X3
216	7	X1, X2, X3
Sec. Volts	Secondary Lines Connect To	
480	H1, H2, H3	
277	Between H0 and H1 or H2 or H3	
1 Phase		

**T240E** Wiring Diagram & Connections\*



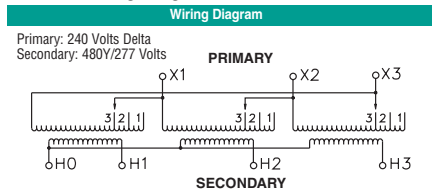
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
252	1	X1, X2, X3
240	2	X1, X2, X3
228	3	X1, X2, X3
216	4	X1, X2, X3
Sec. Volts	Secondary Lines Connect To	
480	H1, H2, H3	
277	Between H0 and H1 or H2, or H3	
1 Phase		

**T240F** Wiring Diagram & Connections\*



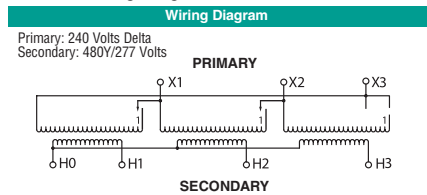
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
252	1	H1, H2, H3
240	2	H1, H2, H3
228	3	H1, H2, H3
216	4	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
208	X1, X2, X3	
120	Between X0 and X1 or X2, or X3	
1 Phase		

**T240G** Wiring Diagram & Connections\*



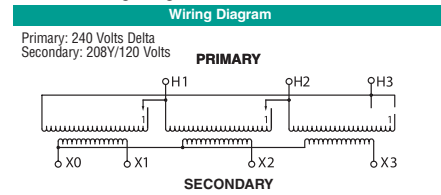
Connections		
Primary Volts	Jumper Taps To	Primary Lines Connect To
240	1	X1, X2, X3
228	2	X1, X2, X3
216	3	X1, X2, X3
Sec. Volts	Secondary Lines Connect To	
480	H1, H2, H3	
277	Between X0 and H1 or H2 or H3	
1 phase		

**T240H** Wiring Diagram & Connections\*



Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
240	1	X1, X2, X3
Sec. Volts	Secondary Lines Connect To	
480	H1, H2, H3	
277	Between H0 and H1 or H2 or H3	
1 Phase		

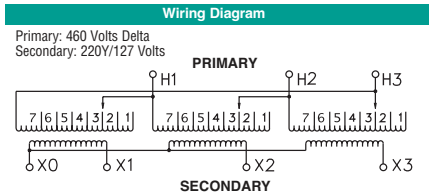
**T240I** Wiring Diagram & Connections\*



Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
240	1	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
208	X1, X2, X3	
120	Between X0 and X1 or X2 or X3	
1 Phase		

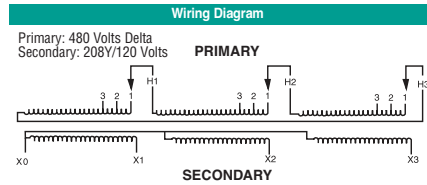
# Wiring Diagrams

**T460A** Wiring Diagram & Connections\*



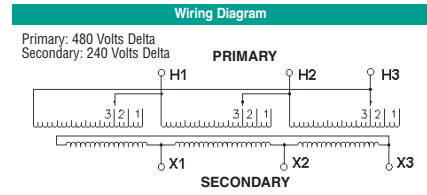
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
483	1	H1, H2, H3
472	2	H1, H2, H3
460	3	H1, H2, H3
448	4	H1, H2, H3
437	5	H1, H2, H3
425	6	H1, H2, H3
414	7	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
220	X1, X2, X3	
127	Between X0 and X1 or X2 or X3	
1 Phase		

**T480A** Wiring Diagram & Connections\*



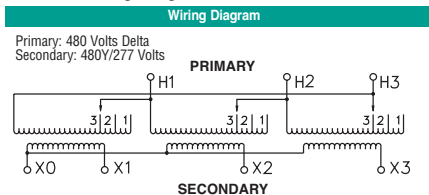
Connections		
Primary Volts	Jumper Taps To	Primary Lines Connect To
480	1	H1, H2, H3
456	2	H1, H2, H3
432	3	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
208	X1, X2, X3	
120	Between X0 and X1 or X2 or X3	
1 phase		

**T480B** Wiring Diagram & Connections\*



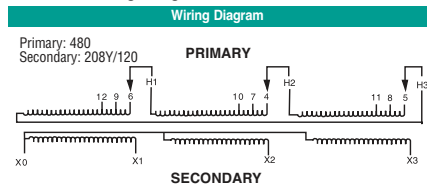
Connections		
Primary Volts	Jumper Taps To	Primary Lines Connect To
480	1	H1, H2, H3
456	2	H1, H2, H3
432	3	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
240	X1, X2, X3	

**T480C** Wiring Diagram & Connections\*



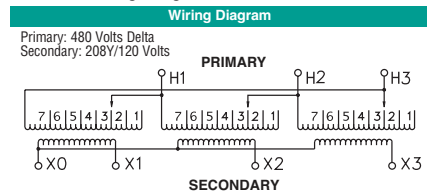
Connections		
Primary Volts	Jumper Taps To	Primary Lines Connect To
480	1	H1, H2, H3
456	2	H1, H2, H3
432	3	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
480	X1, X2, X3	
277	Between X0 and X1 or X2 or X3	
1 phase		

**T480D** Wiring Diagram & Connections\*



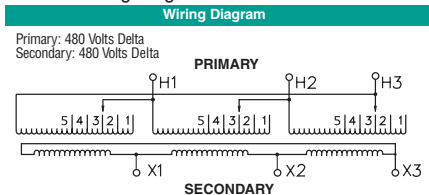
Connections		
Primary Volts	Interconnect	Supply Lines Connect To
480	H1 & 6 H2 & 4 H3 & 5	H1, H2, H3
456	H1 & 9 H2 & 7 H3 & 8	H1, H2, H3
432	H1 & 12 H2 & 10 H3 & 11	H1, H2, H3
Sec. Volts	Load Lines Connect To	
208	X1, X2, X3	
120	Between X0 and X1 or X2 or X3	
1 Phase		

**T480E** Wiring Diagram & Connections\*



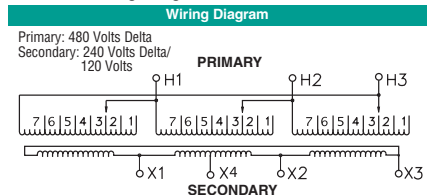
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
504	1	H1, H2, H3
492	2	H1, H2, H3
480	3	H1, H2, H3
468	4	H1, H2, H3
456	5	H1, H2, H3
444	6	H1, H2, H3
432	7	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
208	X1, X2, X3	
120	Between X0 and X1 or X2 or X3	
1 Phase		

**T480F** Wiring Diagram & Connections



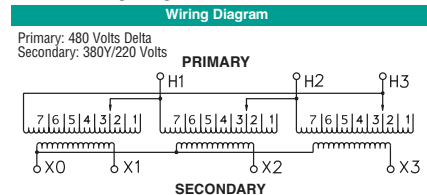
Connections		
Primary Volts	On Each Coil Jumper Between Taps	Primary Lines Connect To
504	1	H1, H2, H3
492	2	H1, H2, H3
480	3	H1, H2, H3
468	4	H1, H2, H3
456	5	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
480	X1, X2, X3	

**T480G** Wiring Diagram & Connections\*



Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
504	1	H1, H2, H3
492	2	H1, H2, H3
480	3	H1, H2, H3
468	4	H1, H2, H3
456	5	H1, H2, H3
444	6	H1, H2, H3
432	7	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
240	X1, X2, X3	
120	X1 and X4 or X2 and X4	
1 Phase		

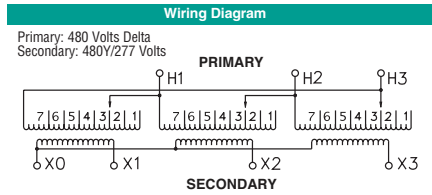
**T480I** Wiring Diagram & Connections\*



Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
504	1	H1, H2, H3
492	2	H1, H2, H3
480	3	H1, H2, H3
468	4	H1, H2, H3
456	5	H1, H2, H3
444	6	H1, H2, H3
432	7	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
380	X1, X2, X3	
220	Between X0 and X1 or X2 or X3	
1 Phase		

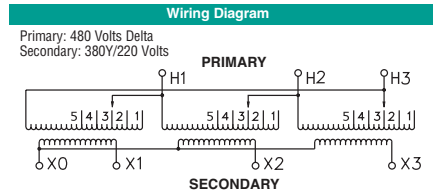
# Wiring Diagrams

**T480J** Wiring Diagram & Connections\*



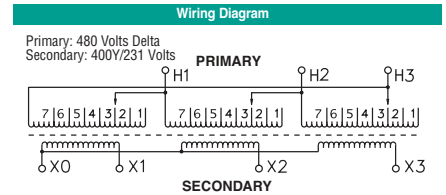
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
504	1	H1, H2, H3
492	2	H1, H2, H3
480	3	H1, H2, H3
468	4	H1, H2, H3
456	5	H1, H2, H3
444	6	H1, H2, H3
432	7	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
480	X1, X2, X3	
277	Between X0 and X1 or X2 or X3	
1 Phase		

**T480K** Wiring Diagram & Connections\*



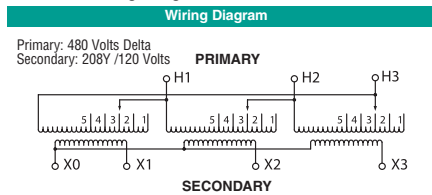
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
504	1	H1, H2, H3
492	2	H1, H2, H3
480	3	H1, H2, H3
468	4	H1, H2, H3
456	5	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
380	X1, X2, X3	
220	Between X0 and X1 or X2 or X3	
1 Phase		

**Group T480L** Wiring Diagram & Connections\*



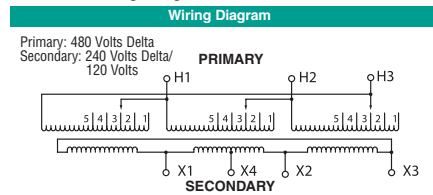
Connections		
Primary Volts	On Each Coil Jumper Between Taps	Primary Lines Connect To
504	1	H1, H2, H3
492	2	H1, H2, H3
480	3	H1, H2, H3
468	4	H1, H2, H3
456	5	H1, H2, H3
444	6	H1, H2, H3
432	7	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
400	X1, X2, X3	
231	Between X0 and X1 or X2 or X3	
1 Phase		

**T480M** Wiring Diagram & Connections\*



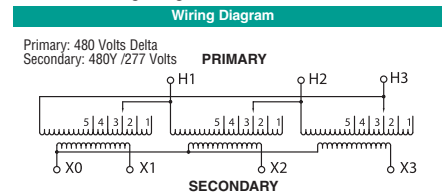
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
504	1	H1, H2, H3
492	2	H1, H2, H3
480	3	H1, H2, H3
468	4	H1, H2, H3
456	5	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
208	X1, X2, X3	
120	Between X0 and X1 or X2 or X3	
1 Phase		

**T480N** Wiring Diagram & Connections\*



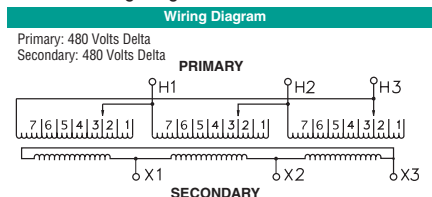
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
504	1	H1, H2, H3
492	2	H1, H2, H3
480	3	H1, H2, H3
468	4	H1, H2, H3
456	5	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
240	X1, X2, X3	
120	X1 and X4 or X2 and X4	
1 Phase		

**T480P** Wiring Diagram & Connections\*



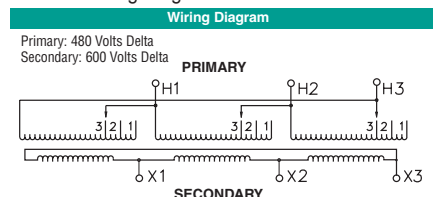
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
504	1	H1, H2, H3
492	2	H1, H2, H3
480	3	H1, H2, H3
468	4	H1, H2, H3
456	5	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
480	X1, X2, X3	
277	Between X0 and X1 or X2 or X3	
1 Phase		

**T480Q** Wiring Diagram & Connections\*



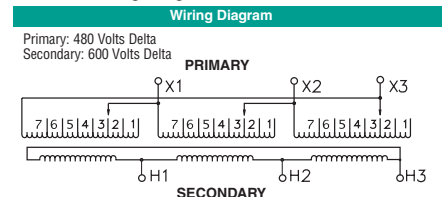
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
504	1	H1, H2, H3
492	2	H1, H2, H3
480	3	H1, H2, H3
468	4	H1, H2, H3
456	5	H1, H2, H3
444	6	H1, H2, H3
432	7	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
480	X1, X2, X3	

**T480R** Wiring Diagram & Connections\*



Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
480	1	H1, H2, H3
456	2	H1, H2, H3
432	3	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
600	X1, X2, X3	

**T480T** Wiring Diagram & Connections\*



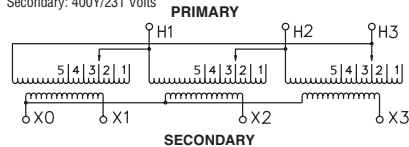
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
504	1	X1, X2, X3
492	2	X1, X2, X3
480	3	X1, X2, X3
468	4	X1, X2, X3
456	5	X1, X2, X3
444	6	X1, X2, X3
432	7	X1, X2, X3
Sec. Volts	Secondary Lines Connect To	
600	H1, H2, H3	

# Wiring Diagrams

**T480U** Wiring Diagram & Connections\*

**Wiring Diagram**

Primary: 480 Volts Delta  
Secondary: 400Y/231 Volts

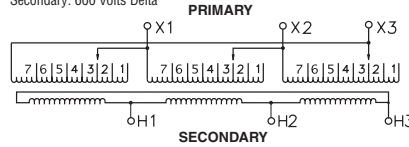


Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
504	1	H1, H2, H3
492	2	H1, H2, H3
480	3	H1, H2, H3
468	4	H1, H2, H3
456	5	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
400	X1, X2, X3	
231	Between X0 and X1 or X2 or X3	
1 Phase		

**T480V** Wiring Diagram & Connections\*

**Wiring Diagram**

Primary: 480 Volts Delta  
Secondary: 600 Volts Delta

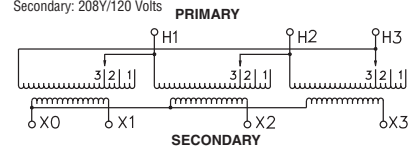


Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
504	1	X1, X2, X3
492	2	X1, X2, X3
480	3	X1, X2, X3
468	4	X1, X2, X3
456	5	X1, X2, X3
Sec. Volts	Secondary Lines Connect To	
600	H1, H2, H3	

**T600A** Wiring Diagram & Connections\*

**Wiring Diagram**

Primary: 600 Volts Delta  
Secondary: 208Y/120 Volts

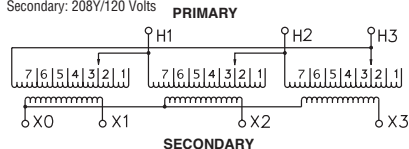


Primary Volts	Jumper Taps To	Primary Lines Connect To
600	1	H1, H2, H3
570	2	H1, H2, H3
540	3	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
208	X1, X2, X3	
120	Between X0 and X1 or X2 or X3	
1 phase		

**T600B** Wiring Diagram & Connections\*

**Wiring Diagram**

Primary: 600 Volts  
Secondary: 208Y/120 Volts

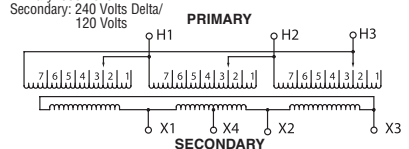


Primary Volts	On Each Coil Jumper Taps To	Primary Lines Between Lines
630	1	H1, H2, H3
615	2	H1, H2, H3
600	3	H1, H2, H3
585	4	H1, H2, H3
570	5	H1, H2, H3
555	6	H1, H2, H3
540	7	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
208	X1, X2, X3	
120	Between X0 and X1 or X2 or X3	
1 Phase		

**T600D** Wiring Diagram & Connections\*

**Wiring Diagram**

Primary: 600 Volts  
Secondary: 240 Volts Delta/120 Volts

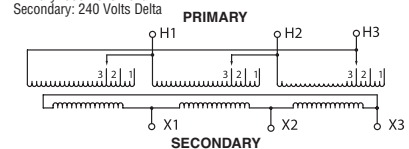


Primary Volts	On Each Coil Jumper Taps To	Primary Lines Between Lines
630	1	H1, H2, H3
615	2	H1, H2, H3
600	3	H1, H2, H3
585	4	H1, H2, H3
570	5	H1, H2, H3
555	6	H1, H2, H3
540	7	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
240	X1, X2, X3	
120	X1 and X4 or X2 and X4	
1 Phase		

**T600E** Wiring Diagram & Connections\*

**Wiring Diagram**

Primary: 600 Volts Delta  
Secondary: 240 Volts Delta

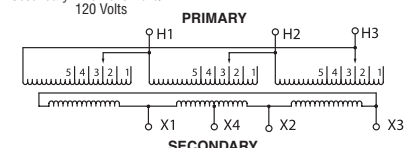


Primary Volts	Jumper Taps To	Primary Lines Connect To
600	1	H1, H2, H3
570	2	H1, H2, H3
540	3	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
240	X1, X2, X3	

**T600F** Wiring Diagram & Connections\*

**Wiring Diagram**

Primary: 600 Volts  
Secondary: 240 Volts Delta/120 Volts

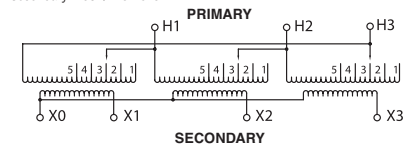


Primary Volts	On Each Coil Jumper Taps To	Primary Lines Between Lines
630	1	H1, H2, H3
615	2	H1, H2, H3
600	3	H1, H2, H3
585	4	H1, H2, H3
570	5	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
240	X1, X2, X3	
120	Between X0 and X1 or X2 or X3	
1 Phase		

**T600G** Wiring Diagram & Connections\*

**Wiring Diagram**

Primary: 600 Volts  
Secondary: 208Y/120 Volts

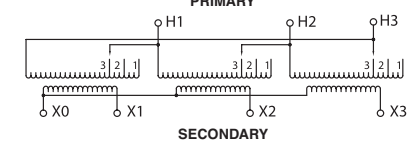


Primary Volts	On Each Coil Jumper Taps To	Primary Lines Between Lines
630	1	H1, H2, H3
615	2	H1, H2, H3
600	3	H1, H2, H3
585	4	H1, H2, H3
570	5	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
208	X1, X2, X3	
120	Between X0 and X1 or X2 or X3	
1 Phase		

**T600H** Wiring Diagram & Connections\*

**Wiring Diagram**

Primary: 600 Volts Delta  
Secondary: 480Y/277 Volts



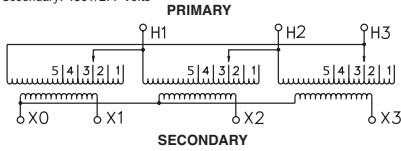
Primary Volts	Jumper Taps To	Primary Lines Connect To
600	1	H1, H2, H3
570	2	H1, H2, H3
540	3	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
480	X1, X2, X3	
277	Between X0 and X1 or X2 or X3	
1 Phase		

# Wiring Diagrams

## T600I Wiring Diagram & Connections\*

### Wiring Diagram

Primary: 600 Volts  
Secondary: 480Y/277 Volts



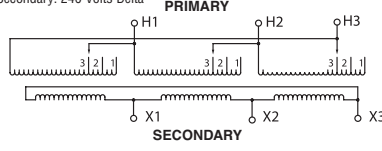
### Connections

Primary Volts	On Each Coil Jumper Taps To	Primary Lines Between Lines
630	1	H1, H2, H3
615	2	H1, H2, H3
600	3	H1, H2, H3
585	4	H1, H2, H3
570	5	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
480	X1, X2, X3	
277	Between X0 and X1 or X2 or X3	
1 Phase		

## T600J Wiring Diagram & Connections\*

### Wiring Diagram

Primary: 600 Volts Delta  
Secondary: 240 Volts Delta



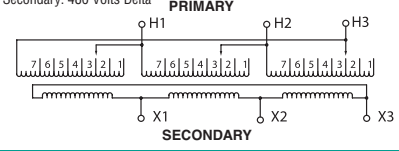
### Connections

Primary Volts	Jumper Taps To	Primary Lines Connect To
600	1	H1, H2, H3
570	2	H1, H2, H3
540	3	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
480	X1, X2, X3	

## T600K Wiring Diagram & Connections\*

### Wiring Diagram

Primary: 600 Volts  
Secondary: 480 Volts Delta



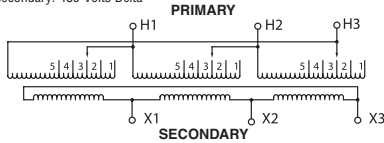
### Connections

Primary Volts	On Each Coil Jumper Taps To	Primary Lines Between Lines
630	1	H1, H2, H3
615	2	H1, H2, H3
600	3	H1, H2, H3
585	4	H1, H2, H3
570	5	H1, H2, H3
555	6	H1, H2, H3
540	7	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
480	X1, X2, X3	

## T600L Wiring Diagram & Connections\*

### Wiring Diagram

Primary: 600 Volts Delta  
Secondary: 480 Volts Delta



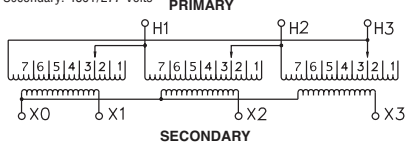
### Connections

Primary Volts	On Each Coil Jumper Taps To	Primary Lines Between Lines
630	1	H1, H2, H3
615	2	H1, H2, H3
600	3	H1, H2, H3
585	4	H1, H2, H3
570	5	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
480	X1, X2, X3	

## T600M Wiring Diagram & Connections\*

### Wiring Diagram

Primary: 600 Volts  
Secondary: 480Y/277 Volts



### Connections

Primary Volts	On Each Coil Jumper Taps To	Primary Lines Between Lines
630	1	H1, H2, H3
615	2	H1, H2, H3
600	3	H1, H2, H3
585	4	H1, H2, H3
570	5	H1, H2, H3
555	6	H1, H2, H3
540	7	H1, H2, H3
Sec. Volts	Secondary Lines Connect To	
480	X1, X2, X3	
277	Between X0 and X1 or X2 or X3	
1 Phase		