

Electrical Schematics & Connection Drawings

SCD 2

SCHEMATIC		CONNECTIONS			
	Primary Volts		Connect lines to	Inter-connect	
	504	440	218	H1, H2	1-2
	492	416	213	H1, H2	2-3
	480	400	208	H1, H2	3-4
	468	380	203	H1, H2	4-5
	456	220	198	H1, H2	5-6
	444	208	192	H1, H2	6-7
	432	200	187	H1, H2	7-8
	240	190		H1, H2	H1-2, H2-1
	228			H1, H2	H1-4, H2-3
216			H1, H2	H1-6, H2-5	
			H1, H2	H1-8, H2-7	
Secondary Volts		Connect lines to		Inter-connect	
240		X1, X4		X2-X3	
120		X1, X2		X2-X4, X1-X3	
120/240		X1, X2, X4		X2-X3	

SCD 6

SCHEMATIC		CONNECTIONS					
	% Voltage		Primary Volts	Connect lines to	Inter-connect		
	105.0%	218	291	437	630	H1, H2	1-2
	102.5%	213	284	426	615	H1, H2	2-3
	100.0%	208	277	416	600	H1, H2	3-4
	97.5%	203	270	406	585	H1, H2	4-5
	95.0%	198	263	395	570	H1, H2	5-6
Secondary Volts		Connect lines to		Inter-connect			
240		X1, X4		X2-X3			
120		X1, X2		X2-X4, X1-X3			
120/240		X1, X2, X4		X2-X3			

SCD 7A

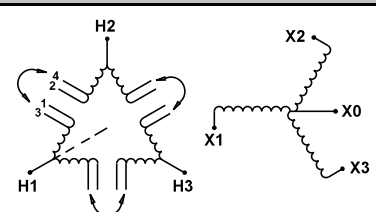
SCHEMATIC		CONNECTIONS																			
	% Voltage		Primary Volts	Connect lines to	Inter-connect																
	105.0%	218	242	252	437	483	504	604	630	H1, H2, H3	1										
	100.0%	208	230	240	416	460	480	575	600	H1, H2, H3	2										
	95.0%	198	219	228	395	437	456	546	570	H1, H2, H3	3										
Secondary Volts		Connect lines to		Inter-connect																	
208		230		240		380		416		460		480		600		X1, X2, X3					
120		133		139		220		240		265		277		347		X1, X0		X2, X0		X3, X0	

SCD 7B

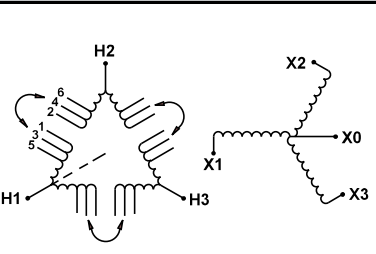
SCHEMATIC		CONNECTIONS																			
	% Voltage		Primary Volts	Connect lines to	Inter-connect																
	100.0%		208	480	H1, H2, H3	1															
	95.0%		198	456	H1, H2, H3	2															
	90.0%		187	432	H1, H2, H3	3															
Secondary Volts		Connect lines to		Inter-connect																	
208		230		240		380		416		460		480		600		X1, X2, X3					
120		133		139		220		240		265		277		347		X1, X0		X2, X0		X3, X0	

Tap arrangements shown are for catalog products only. May not be applicable for other products.

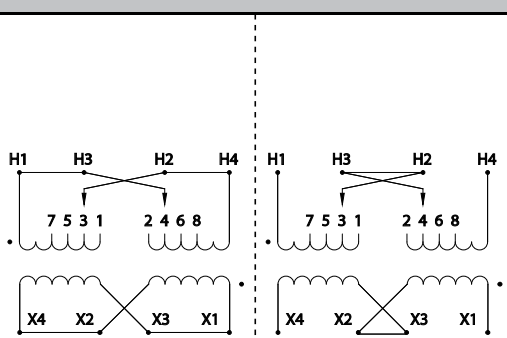
SCD 8

SCHEMATIC	CONNECTIONS						
	% Voltage	Primary Volts			Connect lines to	Inter-connect	
	105.0%	218	242	252	437 483 504 604 630	H1, H2, H3	1-2
	100.0%	208	230	240	416 460 480 575 600	H1, H2, H3	2-3
	95.0%	198	219	228	395 437 456 546 570	H1, H2, H3	3-4
	Secondary Volts			Connect lines to		Inter-connect	
208 230 240 380 416 460 480 600			X1, X2, X3				
120 133 139 220 240 265 277 347			X1, X0 X2, X0 X3, X0				

SCD 10

SCHEMATIC	CONNECTIONS						
	% Voltage	Primary Volts			Connect lines to	Inter-connect	
	105.0%	218	242	252	437 483 504 604 630	H1, H2, H3	1-2
	102.5%	213	236	246	426 472 492 589 615	H1, H2, H3	2-3
	100.0%	208	230	240	416 460 480 575 600	H1, H2, H3	3-4
	97.5%	203	224	234	406 449 468 561 585	H1, H2, H3	4-5
	95.0%	198	219	228	395 437 456 546 570	H1, H2, H3	5-6
Secondary Volts			Connect lines to		Inter-connect		
208 380 416 480 600			X1, X2, X3				
120 220 240 277 347			X1, X0 X2, X0 X3, X0				

SCD 17

SCHEMATIC	CONNECTIONS			
	% Voltage	Primary Volts	Connect lines to	Inter-connect
	105.0%	252	H1, H2	1-H2, 2-H3, H1-H3, H2-H4
	100.0%	240	H1, H2	3-H2, 4-H3, H1-H3, H2-H4
	95.0%	228	H1, H2	5-H2, 6-H3, H1-H3, H2-H4
	90.0%	216	H1, H2	7-H2, 8-H3, H1-H3, H2-H4
	105.0%	504	H1, H4	1-H2, 2-H3, H2-H3
	102.5%	492	H1, H4	3-H2, 2-H3, H2-H3
	100.0%	480	H1, H4	3-H2, 4-H3, H2-H3
	97.5%	468	H1, H4	5-H2, 4-H3, H2-H3
	95.0%	456	H1, H4	5-H2, 6-H3, H2-H3
	92.5%	444	H1, H4	7-H2, 6-H3, H2-H3
	90.0%	432	H1, H4	7-H2, 8-H3, H2-H3
Secondary Volts		Connect lines to	Inter-connect	
240		X1, X4	X2-X3	
120		X1, X2	X2-X4, X1-X3	
120/240		X1, X2, X4	X2-X3	

Tap arrangements shown are for catalog products only. May not be applicable for other products.

Electrical Schematics & Connection Drawings

SCD 19

SCHEMATIC	CONNECTIONS				
	% Voltage	Primary Volts		Connect lines to	Inter-connect
	105.0%	218	252 504 630	H1, H2, H3	1
	102.5%	213	246 492 615	H1, H2, H3	2
	100.0%	208 240 480 600	H1, H2, H3	3	
	97.5%	203	234 468 585	H1, H2, H3	4
	95.0%	198	228 456 570	H1, H2, H3	5
	92.5%	193	222 444 556	H1, H2, H3	6
	90.0%	188	216 432 542	H1, H2, H3	7
	Secondary Volts		Connect lines to		Inter-connect
208 480		X1, X2, X3			
120 277		X1, X0 X2, X0 X3, X0			

SCD 20

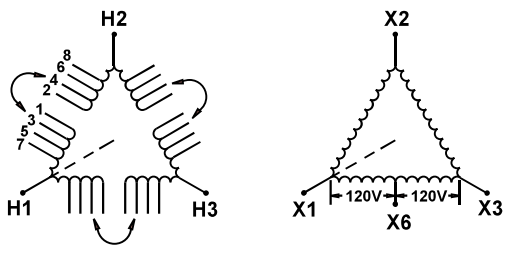
SCHEMATIC	CONNECTIONS				
	% Voltage	Primary Volts		Connect lines to	Inter-connect
	105.0%	218	504 630	H1, H2, H3	1-2
	102.5%	213	492 615	H1, H2, H3	2-3
	100.0%	208 480 600	H1, H2, H3	3-4	
	97.5%	203	468 585	H1, H2, H3	4-5
	95.0%	198	456 570	H1, H2, H3	5-6
	92.5%	193	444 556	H1, H2, H3	6-7
	90.0%	188	432 542	H1, H2, H3	7-8
	Secondary Volts		Connect lines to		Inter-connect
208 480		X1, X2, X3			
120 277		X1, X0 X2, X0 X3, X0			

SCD 21

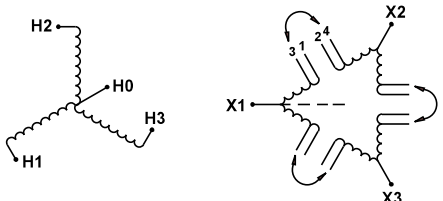
SCHEMATIC	CONNECTIONS				
	% Voltage	Primary Volts		Connect lines to	Inter-connect
	105.0%	504		H1, H2, H3	1
	102.5%	492		H1, H2, H3	2
	100.0%	480		H1, H2, H3	3
	97.5%	468		H1, H2, H3	4
	95.0%	456		H1, H2, H3	5
	92.5%	444		H1, H2, H3	6
	90.0%	432		H1, H2, H3	7
	Secondary Volts		Connect lines to		Inter-connect
240		X1, X2, X3			
120		X1, X6 X3, X6			

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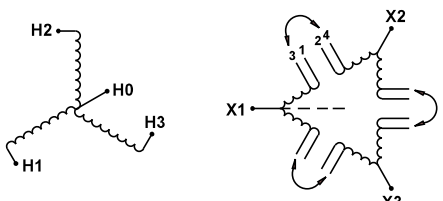
SCD 22

SCHEMATIC	CONNECTIONS				
	% Voltage	Primary Volts		Connect lines to	Inter-connect
	105.0%	504		H1, H2, H3	1-2
	102.5%	492		H1, H2, H3	2-3
	100.0%	480		H1, H2, H3	3-4
	97.5%	468		H1, H2, H3	4-5
	95.0%	456		H1, H2, H3	5-6
	92.5%	444		H1, H2, H3	6-7
	90.0%	432		H1, H2, H3	7-8
	Secondary Volts		Connect lines to	Inter-connect	
	240		X1, X2, X3		
	120		X1, X6 X3, X6		

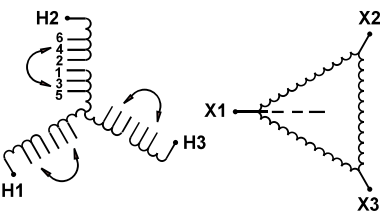
SCD 23A

SCHEMATIC	CONNECTIONS				
	% Voltage	Primary Volts		Connect lines to	Inter-connect
	105.0%	218	252	X1, X2, X3	1-2
	100.0%	208	240	X1, X2, X3	2-3
	95.0%	198	228	X1, X2, X3	3-4
		Secondary Volts		Connect lines to	Inter-connect
	480		H1, H2, H3		
	277		H1, H0 H2, H0 H3, H0		

SCD 23B

SCHEMATIC	CONNECTIONS					
	% Voltage	Primary Volts		Connect lines to	Inter-connect	
	100.0%	208	240	X1, X2, X3	1-2	
	95.0%	198	228	X1, X2, X3	2-3	
	90.0%	188	216	X1, X2, X3	3-4	
		Secondary Volts		Connect lines to	Inter-connect	
	230	260	460	480	H1, H2, H3	
	133	139	265	277	H1, H0 H2, H0 H3, H0	

SCD 29

SCHEMATIC	CONNECTIONS				
	% Voltage	Primary Volts		Connect lines to	Inter-connect
	105.0%	630	504	H1, H2, H3	1-2
	102.5%	615	492	H1, H2, H3	2-3
	100.0%	600	480	H1, H2, H3	3-4
	97.5%	585	468	H1, H2, H3	4-5
	95.0%	570	456	H1, H2, H3	5-6
	Secondary Volts		Connect lines to	Inter-connect	
	240		X1, X2, X3		

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Electrical Schematics & Connection Drawings

SCD 30

SCHEMATIC		CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect	
	440	H1, H4	1-H2, 2-H3, H2-H3	
	416	H1, H4	3-H2, 4-H3, H2-H3	
	400	H1, H4	5-H2, 6-H3, H2-H3	
	380	H1, H4	7-H2, 8-H3, H2-H3	
	220	H1, H2	1-H2, 2-H3, H1-H3, H2-H4	
	208	H1, H2	3-H2, 4-H3, H1-H3, H2-H4	
	200	H1, H2	5-H2, 6-H3, H1-H3, H2-H4	
	190	H1, H2	7-H2, 8-H3, H1-H3, H2-H4	
	Secondary Volts	Connect lines to	Inter-connect	
240	X1, X4	X2-X3		
120	X1, X2	X2-X4, X1-X3		
120/240	X1, X2, X4	X2-X3		

SCD 34

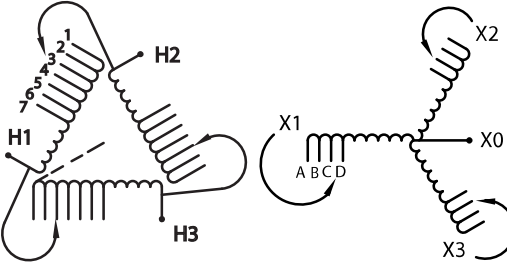
SCHEMATIC		CONNECTIONS			
	% Voltage	Primary Volts	Connect lines to	Inter-connect	
	100.0%	240	H1, H4	1-H2, 2-H3, H1-H3, H2-H4	
	90.0%	216	H1, H4	3-H2, 4-H3, H1-H3, H2-H4	
	100.0%	480	H1, H4	1-H2, 2-H3, H2-H3	
	95.0%	456	H1, H4	2-H3, 3-H2, H2-H3	
	90.0%	432	H1, H4	3-H2, 4-H3, H2-H3	
	Secondary Volts	Connect lines to	Inter-connect		
		240	X1, X4	X2-X3	
		120/240	X1, X2, X4	X2-X3	
		120	X1, X2	X2-X4, X1-X3	

SCD 39

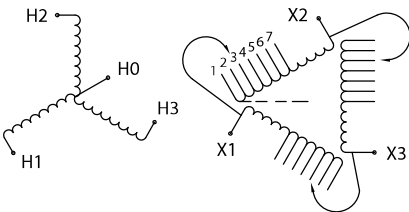
SCHEMATIC		CONNECTIONS			
	% Voltage	Primary Volts	Connect lines to	Inter-connect	
	105.0%	437 630	H1, H2	H2-1	
	102.5%	426 615	H1, H2	H2-2	
	100.0%	416 600	H1, H2	H2-3	
	97.5%	406 585	H1, H2	H2-4	
	95.0%	395 570	H1, H2	H2-5	
	Secondary Volts	Connect lines to	Inter-connect		
		240	X1, X4	X2-X3	
		120	X1, X2	X2-X4, X1-X3	
		120/240	X1, X2, X4	X2-X3	

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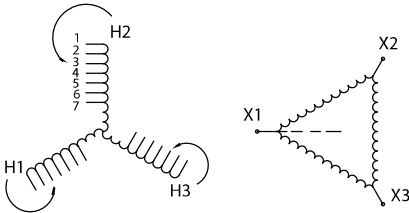
SCD 52

SCHEMATIC	CONNECTIONS				
	% Voltage	Primary Volts		Connect lines to	Inter-connect
	105.0%	504		H1, H2, H3	1
	102.5%	492		H1, H2, H3	2
	100.0%	480		H1, H2, H3	3
	97.5%	468		H1, H2, H3	4
	95.0%	456		H1, H2, H3	5
	92.5%	444		H1, H2, H3	6
	90.0%	432		H1, H2, H3	7
		Secondary Volts		Connect lines to	Inter-connect
	107.5%	430		X1, X2, X3	X1-A, X2-A, X3-A
	104.0%	416		X1, X2, X3	X1-B, X2-B, X3-B
	100.0%	400		X1, X2, X3	X1-C, X2-C, X3-C
	95.0%	380		X1, X2, X3	X1-D, X2-D, X3-D
			248	X1,X0 X2,X0 X3,X0	X1-A, X2-A, X3-A
		240	X1,X0 X2,X0 X3,X0	X1-B, X2-B, X3-B	
		231	X1,X0 X2,X0 X3,X0	X1-C, X2-C, X3-C	
		219	X1,X0 X2,X0 X3,X0	X1-D, X2-D, X3-D	

SCD 53

SCHEMATIC	CONNECTIONS				
	% Voltage	Primary Volts		Connect lines to	Inter-connect
	105.0%	218	252	X1, X2, X3	1
	102.5%	213	246	X1, X2, X3	2
	100.0%	208	240	X1, X2, X3	3
	97.5%	203	234	X1, X2, X3	4
	95.0%	198	228	X1, X2, X3	5
	92.5%	192	222	X1, X2, X3	6
	90.0%	187	216	X1, X2, X3	7
		Secondary Volts		Connect lines to	Inter-connect
		480		H1, H2, H3	
	277		H1,H0 H2,H0 H3,H0		

SCD 54

SCHEMATIC	CONNECTIONS				
	% Voltage	Primary Volts		Connect lines to	Inter-connect
	105.0%	630		H1, H2, H3	1
	102.5%	615		H1, H2, H3	2
	100.0%	600		H1, H2, H3	3
	97.5%	585		H1, H2, H3	4
	95.0%	570		H1, H2, H3	5
	92.5%	555		H1, H2, H3	6
	90.0%	540		H1, H2, H3	7
		Secondary Volts		Connect lines to	Inter-connect
		240		X1, X2, X3	

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Electrical Schematics & Connection Drawings

SCD 56

SCHEMATIC	CONNECTIONS				
	% Voltage	Primary Volts		Connect lines to	Inter-connect
	105.0%	218	252	X1, X2, X3	1
	100.0%	208	240	X1, X2, X3	2
	95.0%	198	228	X1, X2, X3	3
	Secondary Volts		Connect lines to		Inter-connect
480		H1, H2, H3			
277		H1,H0 H2,H0 H3,H0			

SCD 59

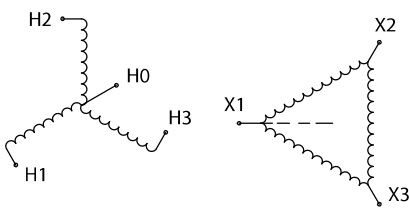
SCHEMATIC	CONNECTIONS				
	% Voltage	Primary Volts		Connect lines to	Inter-connect
	105.0%	504		H1, H2, H3	1-2
	102.5%	492		H1, H2, H3	2-3
	100.0%	480		H1, H2, H3	3-4
	97.5%	468		H1, H2, H3	4-5
	95.0%	456		H1, H2, H3	5-6
Secondary Volts		Connect lines to		Inter-connect	
240		X1, X2, X3			
120		X1,X6 X3,X6			

SCD 60

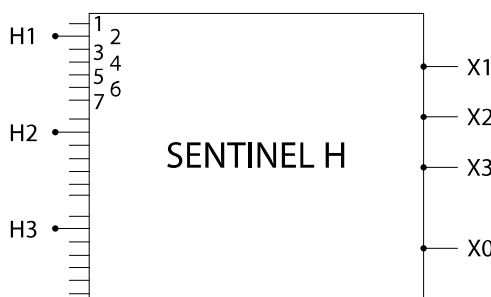
SCHEMATIC	CONNECTIONS				
	% Voltage	Primary Volts		Connect lines to	Inter-connect
	100.0%	208 or 240		H1, H2, H3	
	Secondary Volts		Connect lines to		Inter-connect
	208		X1, X2, X3		
120		X1,X0 X2,X0 X3,X0			

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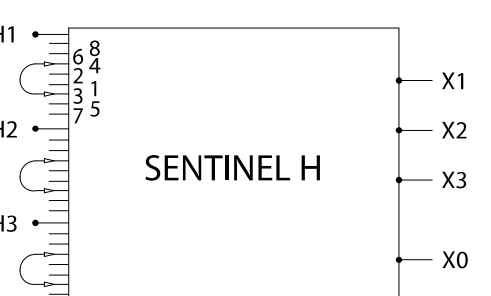
SCD 61

SCHEMATIC	CONNECTIONS				
	% Voltage	Primary Volts		Connect lines to	Inter-connect
	100.0%	208 or 240		X1, X2, X3	
		Secondary Volts		Connect lines to	Inter-connect
		208	H1, H2, H3		
	277	H1,H0 H2,H0 H3,H0			

SCD 62

SCHEMATIC	CONNECTIONS				
	% Voltage	Primary Volts		Connect lines to	Inter-connect
	105.0%	630	504	H1, H2, H3	1
	102.5%	615	492	H1, H2, H3	2
	100.0%	600	480	H1, H2, H3	3
	97.5%	585	468	H1, H2, H3	4
	95.0%	570	456	H1, H2, H3	5
	92.5%	555	444	H1, H2, H3	6
	90.0%	540	432	H1, H2, H3	7
		Secondary Volts		Connect lines to	Inter-connect
		600	480 208	X1, X2, X3	
	346	277 120	X0-X1, X0-X2, X0-X3		

SCD 63

SCHEMATIC	CONNECTIONS				
	% Voltage	Primary Volts		Connect lines to	Inter-connect
	105.0%	630	504	H1, H2, H3	1-2
	102.5%	615	492	H1, H2, H3	2-3
	100.0%	600	480	H1, H2, H3	3-4
	97.5%	585	468	H1, H2, H3	4-5
	95.0%	570	456	H1, H2, H3	5-6
	92.5%	555	444	H1, H2, H3	6-7
	90.0%	540	432	H1, H2, H3	7-8
		Secondary Volts		Connect lines to	Inter-connect
		600	480 208	X1, X2, X3	
	346	277 120	X0-X1, X0-X2, X0-X3		

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Electrical Schematics & Connection Drawings

SCD 64

SCHEMATIC		CONNECTIONS				
	SENTINEL H	% Voltage	Primary Volts		Connect lines to	Inter-connect
		104.2%	625	500	H1, H2, H3	1
		100.0%	600	480	H1, H2, H3	2
		95.8%	575	468	H1, H2, H3	3
		Secondary Volts		Connect lines to	Inter-connect	
		600	480	208	X1, X2, X3	
		346	277	120	X0-X1, X0-X2, X0-X3	

SCD 65

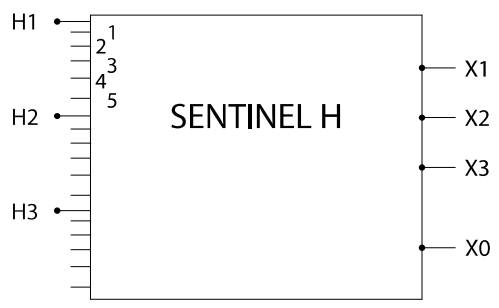
SCHEMATIC		CONNECTIONS				
	SENTINEL H	% Voltage	Primary Volts		Connect lines to	Inter-connect
		106.2%	637	510	H1, H2, H3	1-2
		100.0%	600	480	H1, H2, H3	2-3
		93.8%	563	450	H1, H2, H3	3-4
		Secondary Volts		Connect lines to	Inter-connect	
		600	480	208	X1, X2, X3	
		346	277	120	X0-X1, X0-X2, X0-X3	

SCD 66

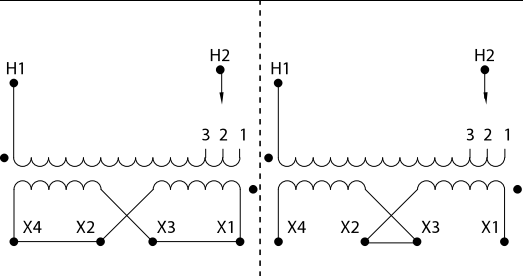
SCHEMATIC		CONNECTIONS				
	SENTINEL H	% Voltage	Primary Volts		Connect lines to	Inter-connect
		107.0%	642	514	H1, H2, H3	1-2
		103.5%	621	497	H1, H2, H3	2-3
		100.0%	600	480	H1, H2, H3	3-4
		96.5%	579	463	H1, H2, H3	4-5
		93.0%	558	446	H1, H2, H3	5-6
		Secondary Volts		Connect lines to	Inter-connect	
		600	480	208	X1, X2, X3	
		346	277	120	X0-X1, X0-X2, X0-X3	

Tap arrangements shown are for catalog products only. May not be applicable for other products.

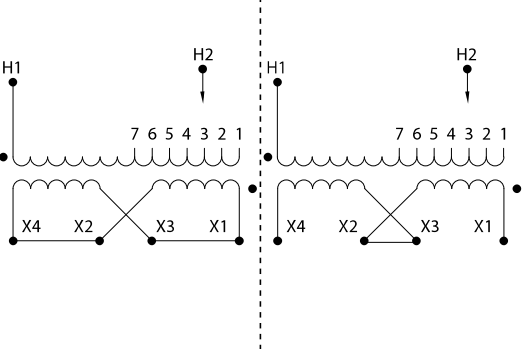
SCD 67

SCHEMATIC		CONNECTIONS			
	% Voltage	Primary Volts		Connect lines to	Inter-connect
	107.0%	630	504	H1, H2, H3	1
	103.5%	615	492	H1, H2, H3	2
	100.0%	600	480	H1, H2, H3	3
	96.5%	585	468	H1, H2, H3	4
93.0%	570	456	H1, H2, H3	5	
		Secondary Volts		Connect lines to	Inter-connect
		600	480 208	X1, X2, X3	
		346	277 120	X0-X1, X0-X2, X0-X3	

SCD 68

SCHEMATIC		CONNECTIONS			
	% Voltage	Primary Volts		Connect lines to	Inter-connect
	105.0%	218	291	H1, H2	H2-1
	100.0%	208	277	H1, H2	H2-2
	95.0%	198	263	H1, H2	H2-3
			Secondary Volts		Connect Lines To
		240		X1, X4	X2-X3
		120		X1, X2	X2-X4, X1-X3
		120/240		X1, X2, X4	X2-X3

SCD 69

SCHEMATIC		CONNECTIONS				
	% Voltage	Primary Volts		Connect lines to	Inter-connect	
	105.0%	504		H1, H2	H2-1	
	102.5%	492		H1, H2	H2-2	
	100.0%	480		H1, H2	H2-3	
	97.5%	468		H1, H2	H2-4	
	95.0%	456		H1, H2	H2-5	
	92.5%	444		H1, H3	H2-6	
	90.0%	432		H1, H4	H2-7	
			Secondary Volts		Connect Lines To	Inter-connect
			240		X1, X4	X2-X3
		120		X1, X2	X2-X4, X1-X3	
		120/240		X1, X2, X4	X2-X3	

Electrical Schematics & Connection Drawings

SCD 70

SCHEMATIC	CONNECTIONS			
	% Voltage	Primary Volts	Connect lines to	Inter-connect
	105.0%	504	H1, H2, H3	1-2
	102.5%	492	H1, H2, H3	2-3
	100.0%	480	H1, H2, H3	3-4
	97.5%	468	H1, H2, H3	4-5
	95.0%	456	H1, H2, H3	5-6
	92.5%	444	H1, H2, H3	6-7
	90.0%	432	H1, H2, H3	7-8
		Secondary Volts	Connect lines to	Inter-connect
	107.5%	430	X1, X2, X3	A
	104.0%	416	X1, X2, X3	B
	100.0%	400	X1, X2, X3	C
	95.0%	380	X1, X2, X3	D
		248	X1,X0 X2,X0 X3,X0	A
		240	X1,X0 X2,X0 X3,X0	B
	231	X1,X0 X2,X0 X3,X0	C	
	219	X1,X0 X2,X0 X3,X0	D	