

# GENERAL INFORMATION

## ELECTRICAL SCHEMATICS AND CONNECTION DIAGRAMS

### SCD 1

SCHEMATIC		CONNECTIONS		
		<b>Primary Volts</b>		
		240	480	416
		<b>Connect lines to</b>		
		H1, H4		
		<b>Inter-connect</b>		
		H1, H4		
		H2-H3		
		H1-H3, H2-H4		
		<b>Secondary Volts</b>		
		24	32	48
		12/24	16/32	24/48
		12	16	24
		<b>Connect lines to</b>		
		240		
		X1, X4		
		X1, X2, X4		
		X1, X2		
		<b>Inter-connect</b>		
		X2-X3		
		X2-X3		
		X2-X4, X1-X3		

### SCD 2

SCHEMATIC		CONNECTIONS		
		<b>Primary Volts</b>		
		504		
		<b>Connect lines to</b>		
		H1, H4		
		<b>Inter-connect</b>		
		1-H2, 2-H3, H2-H3		
		3-H2, 2-H3, H2-H3		
		3-H2, 4-H3, H2-H3		
		5-H2, 4-H3, H2-H3		
		5-H2, 6-H3, H2-H3		
		7-H2, 6-H3, H2-H3		
		7-H2, 8-H3, H2-H3		
		1-H2, 2-H3, H1-H3, H2-H4		
		3-H2, 4-H3, H1-H3, H2-H4		
		5-H2, 6-H3, H1-H3, H2-H4		
		7-H2, 8-H3, H1-H3, H2-H4		
		<b>Secondary Volts</b>		
		240		
		120		
		120/240		
		<b>Connect lines to</b>		
		X1, X4		
		X1, X2		
		X1, X2, X4		
		<b>Inter-connect</b>		
		X2- X3		
		X2-X4, X1-X3		
		X2-X3		

### SCD 3

SCHEMATIC		CONNECTIONS		
		<b>Primary Volts</b>		
		630		
		<b>Connect lines to</b>		
		H1, H2, H3		
		<b>Inter-connect</b>		
		1-H1, 1-H2, 1-H3		
		2-H1, 2-H2, 2-H3		
		3-H1, 3-H2, 3-H3		
		4-H1, 4-H2, 4-H3		
		5-H1, 5-H2, 5-H3		
		6-H1, 6-H2, 6-H3		
		7-H1, 7-H2, 7-H3		
		8-H1, 8-H2, 8-H3		
		<b>Secondary Volts</b>		
		208	480	
		120	120	
		<b>Connect lines to</b>		
		X1, X2, X3		
		X1, X0		
		X2, X0		
		X3, X0		
		<b>Inter-connect</b>		
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### SCD 4

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	208 277 347 380 416 600	H1, H2	---
	Secondary Volts	Connect lines to	Inter-connect
	240 120/240 120	X1, X4 X1, X2, X4 X1, X2	X2-X3 X2-X3 X2-X4, X1-X3

### SCD 5

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	120 208 240 277 380 416 480 600	H1, H2	1-2
	114 198 228 263 395 456 570	H1, H2	2-3
	108 188 216 249 347 374 432 540	H1, H2	3-4
Secondary Volts	Connect lines to	Inter-connect	
240 120/240 120	X1, X4 X1, X2, X4 X1, X2	X2-X3 X2-X3 X2-X4, X1-X3	

### SCD 6

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	218 291 437 504 630 2520 4368	H1, H2	1-2
	213 284 426 492 615 2460 4264	H1, H2	2-3
	208 277 416 480 600 2400 4160	H1, H2	3-4
203 270 406 468 585 2340 4056	H1, H2	4-5	
198 263 395 456 570 2280 3952	H1, H2	5-6	
Secondary Volts	Connect lines to	Inter-connect	
240 120/240 120	X1, X4 X1, X2, X4 X1, X2	X2-X3 X2-X3 X2-X4, X1-X3	

### SCD 7

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

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