

600 VOLT CLASS DISTRIBUTION TRANSFORMERS
ALUMINUM & COPPER WOUND THREE PHASE FEATURES

9 to 750 kVA



THREE PHASE FEATURES		NEMA 3R	
FEATURE		9 to 750 kVA	
UL Listed		File: E112313	
CSA Certified		File: LR3902	
Frequency		60 Hz	
Insulation System		220°C (150°C rise) (optional: 115°C or 80°C rise)	
Enclosure Type		Heavy Duty Ventilated NEMA Type 3R	
Enclosure Finish		ANSI 61 Grey	
Standard Primary Taps		Refer to wiring diagrams for details.	
Termination		Front accessible separate high and low voltage terminals; connectors (up to 165A) suitable for aluminum are provided for easy cable installation.	
Conduit Knock-Outs		Standard on 9 to 150kVA units.	
Impedance		Typically 4 to 6%.	
Mounting		Standard Floor Mounting. Optional wall mounting kits are available on 9 to 75 kVA.	

Other voltages not listed in this section are available upon request for both aluminum and copper wound units. Please contact customer service for details, price and availability.

ALUMINUM WOUND, THREE PHASE, NEMA 3R STYLE ENCLOSURE

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.

240 Delta Primary Volts

480Y/277 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 254-257)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 258-269)
			Width	Depth	Height			
15	MK015DK	UH1	16.75	14	22	180	F or W*	SCD 26
30	MK030DK	UH2	21.5	19.5	29	300	F or W*	SCD 34
45	MK045DK	UH2	21.5	19.5	29	400	F or W*	SCD 34
75	MK075DK	UH3	26	21	38	575	F or W*	SCD 34
112.5	MK112DK	UH3	26	21	38	750	F	SCD 34
150	MK150DK	UH4	30	24	39	900	F	SCD 34
225	MK225DK	UJ1	39.5	30	50	1350	F	SCD 34
300	MK300DK	UJ1	39.5	30	50	1550	F	SCD 34
500	MK500DK	UJ2	48.5	34	59	2400	F	SCD 26
750	MK750DK	UJ3	51.5	39	66	3450	F	No Taps

For shielded units, please add the suffix "S" to the above part numbers.

*OPTIONAL WALL MOUNTING KIT REQUIRED.

480 Delta Primary Volts

208Y/120 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 254-257)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 258-269)
			Width	Depth	Height			
9	MK009KB	UH1	16.75	14	22	140	F or W*	SCD 33
15	MK015KB	UH1	16.75	14	22	180	F or W*	SCD 33
30	MK030KB	UH2	21.5	19.5	29	300	F or W*	SCD 21
45	MK045KB	UH2	21.5	19.5	29	400	F or W*	SCD 21
75	MK075KB	UH3	26	21	38	575	F or W*	SCD 21
112.5	MK112KB	UH3	26	21	38	750	F	SCD 21
150	MK150KB	UH4	30	24	39	900	F	SCD 21
225	MK225KB	UJ1	39.5	30	50	1350	F	SCD 21
300	MK300KB	UJ1	39.5	30	50	1550	F	SCD 21
500	MK500KB	UJ2	48.5	34	59	2400	F	SCD 10
750	MK750KB	UJ3	51.5	39	66	3450	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers.

*OPTIONAL WALL MOUNTING KIT REQUIRED.

480 Delta Primary Volts

240 Delta/120 CT¹ Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 254-257)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 258-269)
			Width	Depth	Height			
9	MK009KD	UH1	16.75	14	22	140	F or W*	SCD 13
15	MK015KD	UH1	16.75	14	22	180	F or W*	SCD 13
30	MK030KD	UH2	21.5	19.5	29	300	F or W*	SCD 23
45	MK045KD	UH2	21.5	19.5	29	400	F or W*	SCD 23
75	MK075KD	UH3	26	21	38	575	F or W*	SCD 23
112.5	MK112KD	UH3	26	21	38	750	F	SCD 23
150	MK150KD	UH4	30	24	39	900	F	SCD 23
225	MK225KD	UJ1	39.5	30	50	1350	F	SCD 23
300	MK300KD	UJ1	39.5	30	50	1550	F	SCD 23
500	MK500KD	UJ2	48.5	34	59	2400	F	SCD 15
750	MK750KD	UJ3	51.5	39	66	3450	F	SCD 15

For shielded units, please add the suffix "S" to the above part numbers.

*OPTIONAL WALL MOUNTING KIT REQUIRED.

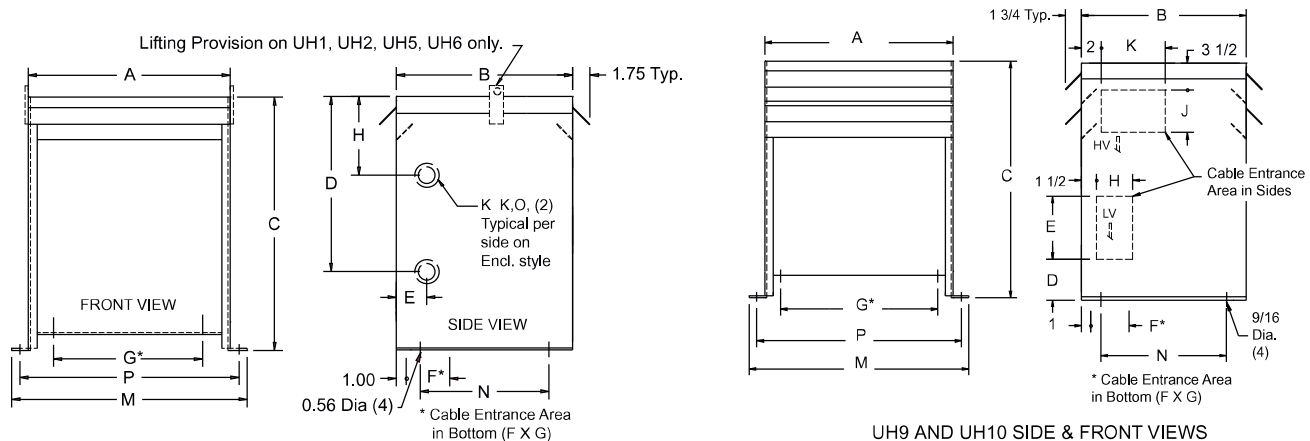
¹ No center tap is provided on the 9kVA unit. The 120V lighting tap is limited to 5% of nameplate rating.

Note: For three phase copper Encapsulated units, please refer to Section 12.

GENERAL INFORMATION

DIMENSIONAL DRAWINGS

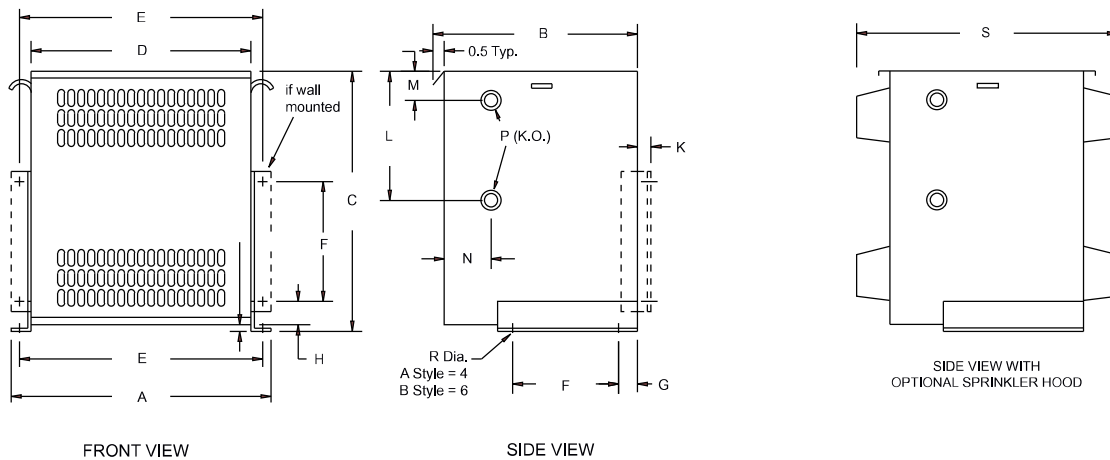
'UH' SERIES ENCLOSURES



Case Style	Dimensions in Inches											
	A	B	C	D	E	F	G	H	K	M	N	P
UH1	16.75	14.00	22.00	11.00	2.50	2.25	9.00	6.00	1.38 X 1.75	19.25	9.00	18.25
UH2	21.50	19.50	29.00	15.00	2.50	3.25	14.00	6.00	1.38 X 2.50	24.00	14.50	23.00
UH3	26.00	21.00	38.00	24.00	3.00	4.75	18.00	8.00	2.00 X 3.00	28.50	16.00	27.50
UH4	30.00	24.00	39.00	24.00	3.00	3.75	20.00	9.00	2.00 X 3.00	32.50	19.00	31.50
UH5	13.00	14.00	23.00	10.00	2.50	2.25	6.00	6.00	1.38 X 1.75	15.50	9.00	14.50
UH6	16.00	19.00	31.00	15.00	2.50	2.75	7.00	6.00	2.00 X 3.00	18.50	14.00	17.50
UH7	19.50	21.00	35.00	20.00	3.00	5.25	10.00	8.00	2.00 X 3.00	22.00	16.00	21.00
UH8	24.00	25.00	39.00	24.00	3.00	4.75	11.00	9.00	2.00 X 3.00	26.50	20.00	25.50
UH9	26.50	26.00	44.00	5.00	4.00	5.00	22.50	4.50	10.00	28.50	21.50	27.50
UH10	34.00	30.00	44.00	5.00	6.00	6.00	26.50	5.00	10.00	32.50	29.00	31.50

Note: J dimension for UH9 = 3.50". J dimension for UH10 = 4.00"

'A' & 'H' SERIES ENCLOSURES



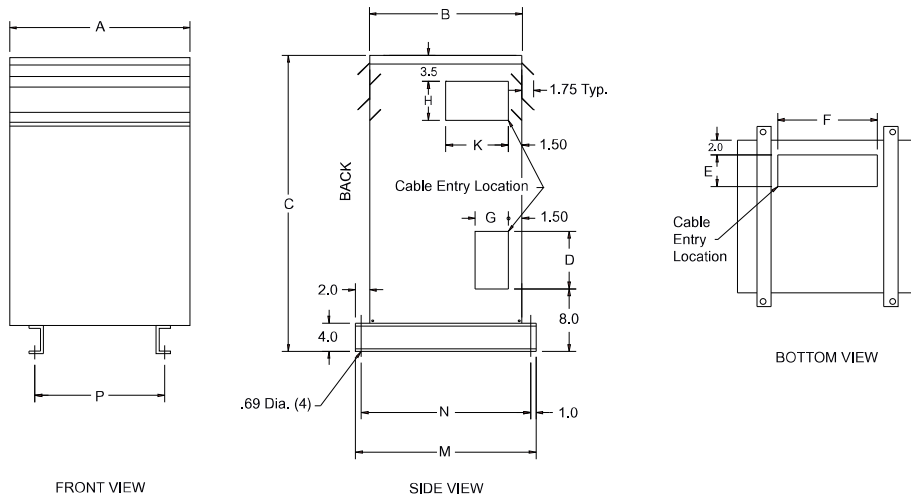
Case Style	Dimensions in Inches														
	A	B	C	D	E	F	G	H	K	L	M	N	P	R	S
A1*	12.00	7.00	10.20	10.00	11.40	5.00	0.50	0.50	0.60	5.50	1.60	1.00	0.5 X 0.75	0.31	10.00
A2*	17.25	11.25	14.00	14.75	16.50	7.00	0.90	0.90	0.40	9.50	2.00	1.00	0.75 X 1.0	0.40	13.25
H1	19.50	16.50	19.00	16.50	18.50	10.00	2.00	3.25	2.50	10.00	2.00	2.50	1.0 X 1.25	0.56	22.50
H2	24.50	20.50	24.50	21.50	23.50	10.00	2.00	3.25	2.50	12.00	2.50	2.50	1.0 X 2.0	0.56	26.50
H3	30.00	24.00	32.50	27.00	29.00	16.00	2.00	3.25	2.50	13.00	3.00	3.00	1.5 X 2.5	0.56	30.00
H4	33.00	26.00	36.00	30.00	32.00	16.00	2.00	3.25	2.50	13.00	3.00	3.00	1.5 X 2.5	0.56	32.00
H5	16.00	16.50	18.00	13.00	15.00	10.00	2.00	3.25	2.50	7.50	2.00	2.50	1.0 X 1.25	0.56	22.50
H6	21.25	20.00	28.00	18.25	20.25	10.00	2.00	3.25	2.50	12.50	3.00	2.50	1.5 X 2.5	0.56	26.00
H7	24.00	26.00	30.00	21.00	23.00	16.00	2.00	3.25	2.50	13.00	3.00	3.00	1.5 X 2.5	0.56	32.00
H8	27.00	26.00	36.00	24.00	26.00	16.00	2.00	3.25	2.50	13.00	3.00	3.00	1.5 X 2.5	0.56	32.00

* No ventilation slots in rear.

GENERAL INFORMATION

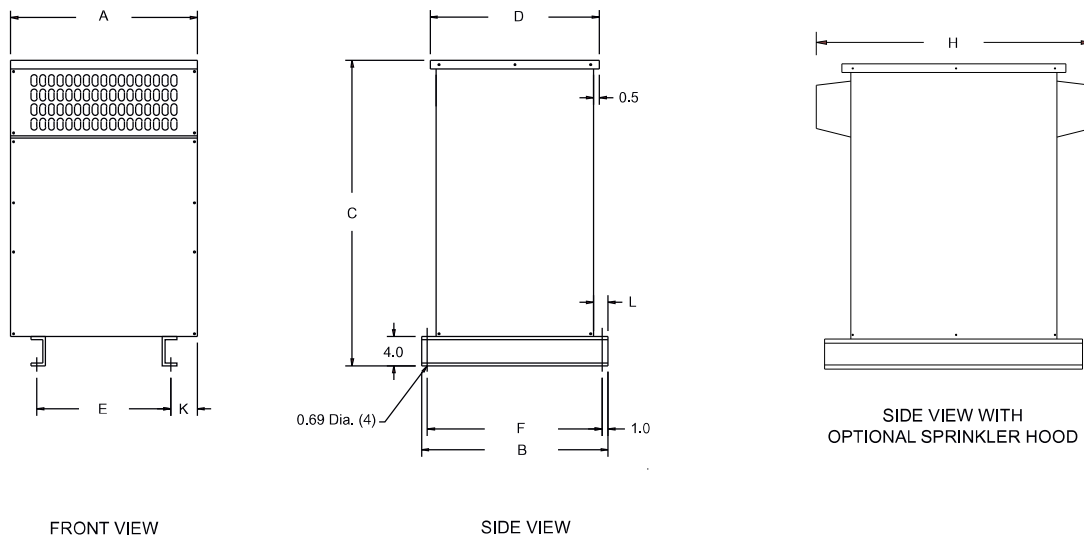
DIMENSIONAL DRAWINGS

‘UJ’ SERIES ENCLOSURES



Case Style	Dimensions in Inches											
	A	B	C	D	E	F	G	H	K	M	N	P
UJ1	39.50	30.00	50.00	10.00	7.50	21.50	8.00	6.50	13.50	34.00	32.00	24.00
UJ2	48.50	34.00	59.00	13.00	8.50	25.00	9.00	8.50	15.50	38.00	36.00	27.50
UJ3	51.50	39.00	66.00	16.00	9.50	31.50	10.00	11.50	18.00	43.00	41.00	34.00
UJ4	32.00	28.50	50.00	10.00	8.50	19.50	9.00	6.50	12.75	32.50	30.50	22.00
UJ5	36.00	29.50	44.00	5.00	6.50	21.50	10.00	6.50	12.75	33.00	31.00	24.00
UJ6	64.00	40.00	68.00	16.00	10.50	37.50	11.00	11.50	18.00	43.50	41.50	40.00

‘J’ SERIES ENCLOSURES

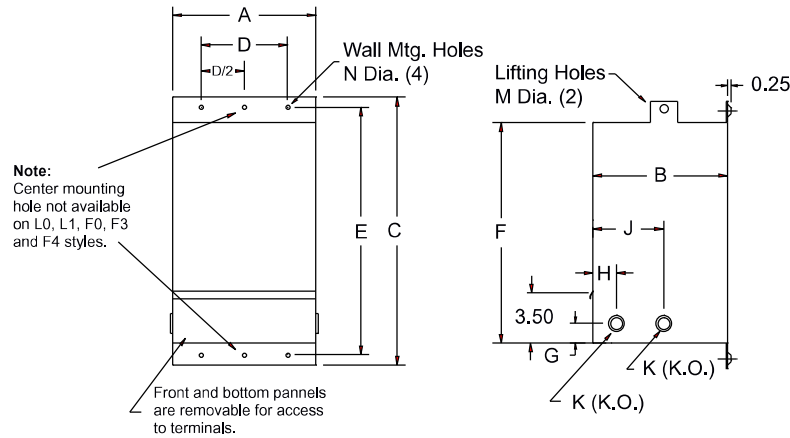


Case Style	Dimensions in Inches								
	A	B	C	D	E	F	H	K	L
J1	39.72	37.00	50.00	34.25	24.00	35.00	40.00	7.75	2.00
J2	48.75	41.00	59.00	38.25	27.50	39.00	44.00	10.50	2.00
J3	51.75	46.00	66.00	43.25	34.00	44.00	49.00	8.75	2.00
J4	32.25	35.00	50.00	32.25	22.00	33.00	38.00	5.00	2.00
J5	36.00	33.00	44.00	29.50	24.00	31.00	35.50	6.00	2.25
J6	64.00	43.50	68.00	40.00	40.00	41.50	46.00	12.00	2.25

GENERAL INFORMATION

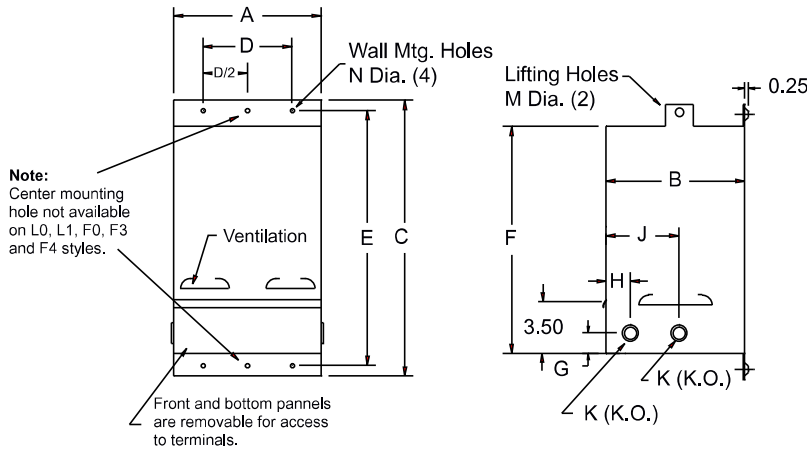
DIMENSIONAL DRAWINGS

'F' & 'L' SERIES ENCLOSURES



Case Style	Dimensions in Inches											
	A	B	C	D	E	F	G	H	J	K	M	N
L0	7.00	7.00	14.75	4.50	13.00	11.13	1.50	2.50	-	.50 X .75	0.75	0.265
L1	9.00	8.50	17.50	5.50	15.75	13.88	2.00	1.50	7.00	.75 X 1.0	0.75	0.265
L2	12.50	8.00	23.00	9.00	21.25	19.38	2.00	1.50	6.88	.75 X 1.0	0.75	0.265
L3	12.50	6.00	16.50	9.00	14.75	12.88	2.00	1.50	4.50	.75 X 1.0	0.75	0.265
L4	16.50	6.00	19.00	13.00	17.25	15.38	1.50	2.00	4.50	1.0 X 1.25	0.75	0.265
L5	7.50	7.75	15.94	5.50	14.20	12.80	1.50	2.50	-	0.5 X 0.75	0.75	0.265
F0	8.00	7.50	15.00	5.50	14.20	12.50	1.50	2.75	-	.75 X 1.0	0.75	0.312
F1	8.75	9.00	15.50	5.75	14.68	13.13	2.00	3.50	-	.75 X 1.0	0.75	0.312
F2	10.75	8.50	16.50	7.50	15.68	14.13	2.00	3.50	-	.75 X 1.0	0.75	0.312
F3	11.75	8.13	19.50	8.75	18.68	17.13	2.00	3.50	-	1.0 X 2.0	0.75	0.375
F4	13.50	9.44	21.75	10.50	21.00	19.38	2.00	4.00	-	1.0 X 2.0	0.75	0.437

'L6 to L13' SERIES ENCLOSURES

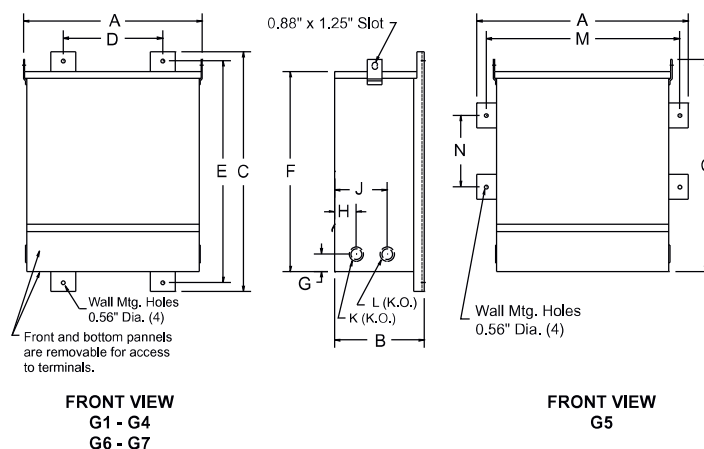


Case Style	Dimensions in Inches											
	A	B	C	D	E	F	G	H	J	K	M	N
L6	6.75	4.75	14.38	4.00	13.63	12.00	1.38	1.50	-	0.5 X 0.75	0.75	0.312
L7	6.75	6.25	14.38	4.00	13.63	12.00	1.38	1.50	-	0.5 X 0.75	0.75	0.312
L8	9.00	7.25	17.25	6.25	16.50	15.00	2.38	1.25	-	0.5 X 0.75	0.75	0.312
L9	9.00	8.50	18.25	6.25	17.50	16.00	2.75	2.25	-	0.5 X 0.75	0.75	0.312
L10	11.50	7.50	20.75	8.75	20.00	18.44	-	-	-	-	0.75	0.312
L11	11.50	9.00	20.75	8.75	20.00	18.44	-	-	-	-	0.75	0.312
L12	13.00	12.00	20.50	10.28	19.44	17.44	-	-	-	-	0.75	0.406
L13	15.00	12.00	25.00	12.50	23.94	21.92	-	-	-	-	0.75	0.406

GENERAL INFORMATION

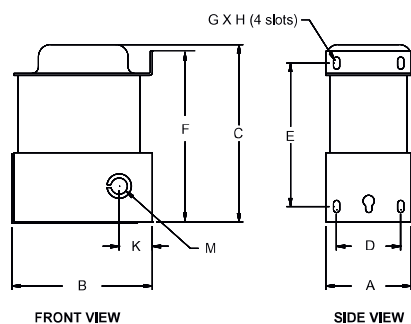
DIMENSIONAL DRAWINGS

'G' SERIES ENCLOSURES

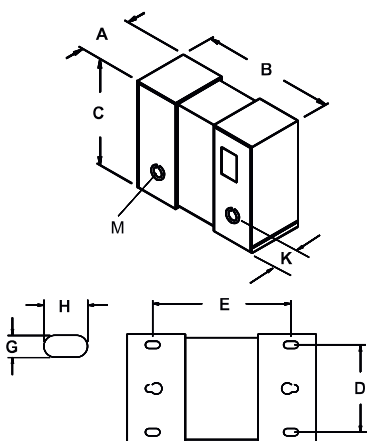


Case Style	Dimensions in Inches												
	A	B	C	D	E	F	G	H	J	K	L	M	N
G1	17.44	7.00	21.50	8.31	20.00	17.50	2.25	1.63	4.88	1.0 X 1.25	0.75 X 1.0	-	-
G2	17.44	8.50	21.50	8.50	20.00	17.50	2.25	1.88	5.63	1.0 X 1.25	0.75 X 1.0	-	-
G3	19.44	9.50	26.50	10.00	25.00	22.50	2.50	2.63	6.88	1.5 X 2.0	1.0 X 1.25	-	-
G4	22.94	10.25	30.00	13.81	28.50	25.00	2.75	2.63	7.38	1.5 X 2.0	1.0 X 1.25	-	-
G5	16.50	12.75	27.50	-	-	24.40	1.50	2.50	8.50	1.0 X 1.25	1.0 X 1.25	14.60	12.50
G6	18.00	14.00	35.00	10.00	32.50	30.00	2.75	3.25	9.25	1.5 X 2.0	1.0 X 1.25	-	-
G7	33.75	13.00	35.00	20.00	32.75	30.00	2.75	2.25	8.75	1.0 X 1.25	2.0 X 2.0	-	-

'M' SERIES ENCLOSURES



Case Style	Dimensions in Inches								Knockout	
	A	B	C	D	E	F	G X H	K	M	
M01	2.5	3.37	4.06	2.00	3.16	4.19"	.20 X .56	1.25	.50	
M02	2.5	3.37	4.56	2.00	3.66	4.69	.20 X .56	1.25	.50	
M11	3.13	4.00	4.63	2.25	3.88	4.50	.25 X .50	1.25	.50	
M12	3.13	4.00	4.88	2.25	4.13	4.50	.25 X .50	1.25	.50	
M13	3.13	4.00	5.38	2.25	4.63	5.25	.25 X .50	1.25	.50	
M21	3.75	4.75	4.56	2.75	3.56	4.28	.25 X .50	1.25	.50 X .75	
M22	3.75	4.75	4.81	2.75	3.81	4.28	.25 X .50	1.25	.50 X .75	
M23	3.75	4.75	5.56	2.75	4.56	5.28	.25 X .50	1.25	.50 X .75	
M24	3.75	4.75	6.06	2.75	4.81	5.28	.25 X .50	1.25	.50 X .75	
M31	4.31	5.50	7.41	3.25	5.58	6.75	.31 X .63	1.00	.50 X .75	
M32	4.31	5.50	7.91	3.25	6.08	7.25	.31 X .63	1.25	.50 X .75	



'E' SERIES ENCLOSURES

Case Style	Dimensions in Inches								Knockout	
	A	B	C	D	E	F	G X H	K	M	
E01	5.31	9.50	6.75	4.25	7.50	-	.31 X .63	1.25	.50 X .75	
E02	5.31	10.50	6.75	4.25	8.50	-	.31 X .63	1.25	.50 X .75	
E11	6.25	10.50	8.00	5.00	9.00	-	.31 X .63	1.25	.50 X .75	
E21	7.5	10.75	9.50	6.00	9.25	-	.38 X .75	1.25	.75 X 1.00	

GENERAL
INFORMATION



GENERAL INFORMATION

ELECTRICAL SCHEMATICS AND CONNECTION DIAGRAMS

SCD 1

SCHEMATIC	CONNECTIONS		
	Primary Volts		Connect lines to
	480 416		H1, H4
	240 208		H1, H4
	Secondary Volts		Inter-connect
	240		X2-X3
	120/240		X2-X3
	120		X2-X4, X1-X3

SCD 2

SCHEMATIC	CONNECTIONS		
	Primary Volts		Connect lines to
	480		H1, H2
	468		H1, H2
	456		H1, H2
	240		H1, H2
	228		H1, H2
	Secondary Volts		Inter-connect
	240		X2-X3
	120/240		X2-X3
	120		X2-X4, X1-X3

SCD 3

SCHEMATIC	CONNECTIONS		
	Primary Volts		Connect lines to
	504		H1, H4
	492		H1, H4
	480		H1, H4
	468		H1, H4
	456		H1, H4
	252		H1, H4
	240		H1, H4
	228		H1, H4
	Secondary Volts		Inter-connect
	240		X2-X3
	120/240		X2-X3
	120		X2-X4, X1-X3

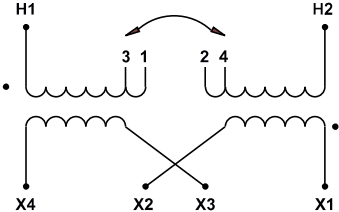
SCD 4

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

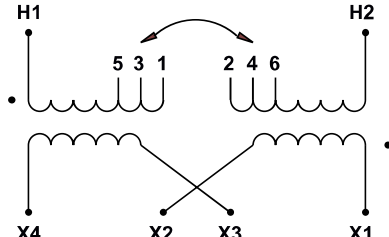
GENERAL INFORMATION

ELECTRICAL SCHEMATICS AND CONNECTION DIAGRAMS

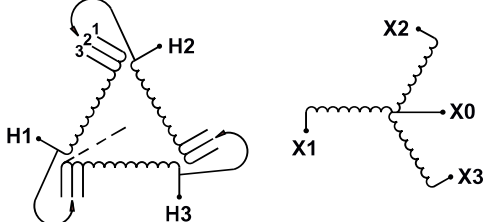
SCD 5

SCHEMATIC	CONNECTIONS							
	Primary Volts				Connect lines to		Inter-connect	
	208	240	277	416	480	600	H1, H2	1-2
	198	228	263	395	456	570	H1, H2	2-3
	187	216	249	374	432	540	H1, H2	3-4
		120		208	240		H1, H2	H1-2, H2-1
		108		187	216		H1, H2	H1-4, H2-3
	Secondary Volts				Connect lines to		Inter-connect	
	240					X1, X4	X2-X3	
	120/240					X1, X2, X4	X2-X3	
	120					X1, X4	X2-X4, X1-X3	

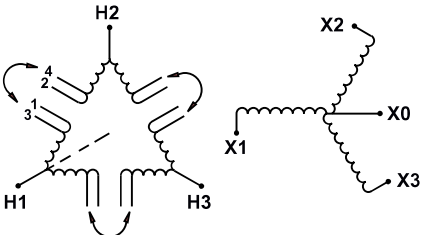
SCD 6

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				X1, X4		X2-X3		
	120/240				X1, X2, X4		X2-X3		
	120				X1, X4		X2-X4, X1-X3		

SCD 7

SCHEMATIC	CONNECTIONS								
	Primary Volts				Connect lines to	Inter-connect			
	218	252	437	483	504	630	H1, H2, H3	1	
	208	240	416	460	480	600	H1, H2, H3	2	
	198	228	395	437	456	570	H1, H2, H3	3	
	Secondary Volts				Connect lines to				
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 8

SCHEMATIC	CONNECTIONS										
	Primary Volts					Connect lines to		Inter-connect			
	218	252	437	483	504	630	2520	4368	H1, H2, H3		1-2
	208	240	416	460	480	600	2400	4160	H1, H2, H3		2-3
	198	228	395	437	456	570	2280	3952	H1, H2, H3		3-4
	Secondary Volts					Connect lines to					
	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		

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ELECTRICAL SCHEMATICS AND CONNECTION DIAGRAMS

SCD 9

SCHEMATIC	CONNECTIONS		
	Primary Volts		Connect lines to
			Inter-connect
	218 252 437 483 504 630 2520 4368	H1, H2, H3	1
	213 246 426 574 492 615 2460 4264	H1, H2, H3	2
	208 240 416 460 480 600 2400 4160	H1, H2, H3	3
	203 234 406 449 468 585 2340 4056	H1, H2, H3	4
	198 228 395 437 456 570 2280 3952	H1, H2, H3	5
	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 10

SCHEMATIC	CONNECTIONS		
	Primary Volts		Connect lines to
			Inter-connect
	218 252 437 483 504 630 2520 4368	H1, H2, H3	1-2
	213 246 426 574 492 615 2460 4264	H1, H2, H3	2-3
	208 240 416 460 480 600 2400 4160	H1, H2, H3	3-4
	203 234 406 449 468 585 2340 4056	H1, H2, H3	4-5
	198 228 395 437 456 570 2280 3952	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 11

SCHEMATIC	CONNECTIONS		
	Primary Volts		Connect lines to
			Inter-connect
	252 504	H1, H2, H3	1
	240 480	H1, H2, H3	2
	228 456	H1, H2, H3	3
	Secondary Volts		Connect lines to
			Inter-connect
	240	X1, X2, X3	-

SCD 12

SCHEMATIC	CONNECTIONS		
	Primary Volts		Connect lines to
			Inter-connect
	480 600	H1, H2, H3	1-2
	456 570	H1, H2, H3	2-3
	432 540	H1, H2, H3	3-4
	Secondary Volts		Connect lines to
			Inter-connect
	240	X1, X2, X3	-

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ELECTRICAL SCHEMATICS AND CONNECTION DIAGRAMS

SCD 13

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	480 600	H1, H2, H3	1-2
	456 570	H1, H2, H3	2-3
	432 540	H1, H2, H3	3-4
	Secondary Volts	Connect lines to	Inter-connect
	240	X1, X2, X3	-
	120	X1, X6	-
		X3, X6	-

SCD 14

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	504	H1, H2, H3	1
	492	H1, H2, H3	2
	480	H1, H2, H3	3
	468	H1, H2, H3	4
	456	H1, H2, H3	5
	Secondary Volts	Connect lines to	Inter-connect
	240	X1, X2, X3	-
	120	X1, X6	-
		X3, X6	-

SCD 15

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

SCD 16

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	218 504 504 630	H1, H2, H3	1
	208 480 480 600	H1, H2, H3	2
	198 456 456 570	H1, H2, H3	3
	Secondary Volts	Connect lines to	Inter-connect
	240	X1, X2, X3	-

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ELECTRICAL SCHEMATICS AND CONNECTION DIAGRAMS

SCD 17

SCHEMATIC	CONNECTIONS		
	Primary Volts		Inter-connect
	504 630		H1, H2, H3
	492 615		H1, H2, H3
	480 600		H1, H2, H3
	468 585		H1, H2, H3
	456 570		H1, H2, H3
	Secondary Volts		Inter-connect
	240		X1, X2, X3

SCD 18

SCHEMATIC	CONNECTIONS		
	Primary Volts		Inter-connect
	218 437 504 630		H1, H6
	213 426 492 615		H1, H5
	208 416 480 600		H1, H4
	203 406 468 585		H1, H3
	198 395 456 570		H1, H2
	Secondary Volts		Inter-connect
	240		X1, X4
	120/240		X1, X2, X4
	120		X1, X4

SCD 19

SCHEMATIC	CONNECTIONS		
	Primary Volts		Inter-connect
	504		H1, H4
	492		H1, H4
	480		H1, H4
	468		H1, H4
	456		H1, H4
	444		H1, H4
	432		H1, H4
	252		H1, H4
	240		H1, H4
	228		H1, H4
	216		H1, H4
	Secondary Volts		Inter-connect
	240		X1, X4
	120		X1, X2
	120/240		X1, X2, X4

SCD 20

SCHEMATIC	CONNECTIONS		
	Primary Volts		Inter-connect
	218 252 291 437 504 630		H1, H4
	208 240 277 416 480 600		H1, H3
	198 228 263 395 456 570		H1, H2
	188 216 249 374 432 540		H1, H2
	Secondary Volts		Inter-connect
	240		X1, X4
	120		X1, X2
	120/240		X1, X2, X4

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ELECTRICAL SCHEMATICS AND CONNECTION DIAGRAMS

SCD 21

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	218 504 630 213 492 615 208 480 600 203 468 585 198 456 570 193 444 556 188 432 542	H1, H2, H3 H1, H2, H3 H1, H2, H3 H1, H2, H3 H1, H2, H3 H1, H2, H3 H1, H2, H3	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
SCHEMATIC	Secondary Volts	Connect lines to	Inter-connect
	208 480	X1, X2, X3	-
	120 277	X1, X0	-
		X2, X0	-
		X3, X0	-

SCD 22

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	218 504 213 492 208 480 203 468 198 456 193 444 188 432	H1, H2, H3 H1, H2, H3 H1, H2, H3 H1, H2, H3 H1, H2, H3 H1, H2, H3 H1, H2, H3	1-2 2-3 3-4 4-5 5-6 6-7 7-8
SCHEMATIC	Secondary Volts	Connect lines to	Inter-connect
	208	X1, X2, X3	-
	120	X1, X0	-
		X2, X0	-
		X3, X0	-

SCD 23

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	504 492 480 468 456 444 432	H1, H2, H3 H1, H2, H3 H1, H2, H3 H1, H2, H3 H1, H2, H3 H1, H2, H3 H1, H2, H3	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
SCHEMATIC	Secondary Volts	Connect lines to	Inter-connect
	240	X1, X2, X3	-
	120	X1, X6	-
		X3, X6	-

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ELECTRICAL SCHEMATICS AND CONNECTION DIAGRAMS

SCD 24

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

SCD 25

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	208 230 240 198 218 228 188 207 216	X1, X2, X3 X1, X2, X3 X1, X2, X3	1-X1, 1-X2, 1-X3 2-X1, 2-X2, 2-X3 3-X1, 3-X2, 3-X3
	Secondary Volts	Connect lines to	
	230 260 460 480 133 139 265 277	H1, H2, H3 H1, H0 H2, H0 H3, H0	

SCD 26

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

SCD 27

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	218 213 208 203 198 193 188	X1, X2, X3 X1, X2, X3 X1, X2, X3 X1, X2, X3 X1, X2, X3 X1, X2, X3 X1, X2, X3	1-X1, 1-X2, 1-X3 2-X1, 2-X2, 2-X3 3-X1, 3-X2, 3-X3 4-X1, 4-X2, 4-X3 5-X1, 5-X2, 5-X3 6-X1, 6-X2, 6-X3 7-X1, 7-X2, 7-X3
	Secondary Volts	Connect lines to	
	208 230 240 480 120 133 133 277	H1, H2, H3 H1, H0 H2, H0 H3, H0	

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ELECTRICAL SCHEMATICS AND CONNECTION DIAGRAMS

SCD 28

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	218	X1, X2, X3	1-2
	213	X1, X2, X3	2-3
	208	X1, X2, X3	3-4
	203	X1, X2, X3	4-5
	198	X1, X2, X3	5-6
	193	X1, X2, X3	6-7
	188	X1, X2, X3	7-8
	Secondary Volts	Connect lines to	
	208 240 480	H1, H2, H3	
	120 133 277	H1, H0 H2, H0 H3, H0	

SCD 29

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	504	H1, H2, H3	1-H1, 1-H2, 1-H3
	492	H1, H2, H3	2-H1, 2-H2, 2-H3
	480	H1, H2, H3	3-H1, 3-H2, 3-H3
	468	H1, H2, H3	4-H1, 4-H2, 4-H3
	456	H1, H2, H3	5-H1, 5-H2, 5-H3
	444	H1, H2, H3	6-H1, 6-H2, 6-H3
	432	H1, H2, H3	7-H1, 7-H2, 7-H3
	Secondary Volts	Connect lines to	Inter-connect
	240	X1, X2, X3	-

SCD 30

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	504	H1, H2, H3	1-2
	492	H1, H2, H3	2-3
	480	H1, H2, H3	3-4
	468	H1, H2, H3	4-5
	456	H1, H2, H3	5-6
	444	H1, H2, H3	6-7
	432	H1, H2, H3	7-8
	Secondary Volts	Connect lines to	Inter-connect
	240	X1, X2, X3	-

SCD 31

SCHEMATIC	CONNECTIONS		
	Connect to	Step Down	Step Up
	Lines from Supply	H1, H2, H3	X1, X2, X3
	Lines to Load	X1, X2, X3	H1, H2, H3
	Neutral	X0	H0

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ELECTRICAL SCHEMATICS AND CONNECTION DIAGRAMS

SCD 32

SCHEMATIC	CONNECTIONS		
	Primary Volts		Inter-connect
	208	240 416 480 600	H1, H2, H3 1
	198	228 395 456 570	H1, H2, H3 2
	Secondary Volts		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 33

SCHEMATIC	CONNECTIONS		
	Primary Volts		Inter-connect
	208	240 416 480 600	H1, H2, H3 1-2
	198	228 395 456 570	H1, H2, H3 2-3
	Secondary Volts		Inter-connect
	208	380 416 480 600	X1, X2, X3 -
	120	220 240 277 347	X1, X0 X2, X0 X3, X0 -

SCD 34

SCHEMATIC	CONNECTIONS		
	Primary Volts		Inter-connect
	218	252	H1, H2, H3 1
	213	246	H1, H2, H3 2
	Secondary Volts		Inter-connect
	208	240	H1, H2, H3 3
	203	234	H1, H2, H3 4
	Secondary Volts		Inter-connect
	198	228	H1, H2, H3 5
	460	480 600	X1, X2, X3 -
	265	277 347	X1, X0 X2, X0 X3, X0 -

SCD 35

SCHEMATIC	CONNECTIONS		
	Primary Volts		Inter-connect
	218	252	H1, H2, H3 1-2
	213	246	H1, H2, H3 2-3
	Secondary Volts		Inter-connect
	208	240	H1, H2, H3 3-4
	203	234	H1, H2, H3 4-5
	Secondary Volts		Inter-connect
	198	228	H1, H2, H3 5-6
	460	480 600	X1, X2, X3 -
	265	277 347	X1, X0 X2, X0 X3, X0 -

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ELECTRICAL SCHEMATICS AND CONNECTION DIAGRAMS

SCD 36

SCHEMATIC	CONNECTIONS		
	Primary Volts		Inter-connect
	218	252	1-X1, 1-X2, 1-X3
	208	240	2-X1, 2-X2, 2-X3
	198	228	3-X1, 3-X2, 3-X3
	Secondary Volts		Inter-connect
	480	H1, H2, H3	-
	277	H1, H0	-
		H2, H0	-
		H3, H0	-

SCD 37

SCHEMATIC	CONNECTIONS		
	Primary Volts		Inter-connect
	218	252	1-2
	208	240	2-3
	198	228	3-4
	Secondary Volts		Inter-connect
	480	H1, H2, H3	-
	277	H1, H0	-
		H2, H0	-
		H3, H0	-

SCD 38

SCHEMATIC	CONNECTIONS		
	Connect to		Step Up
	Lines from Supply		X1, X2, X3
	Lines to Load Neutral		H1, H2, H3 H0
	Step Down		
	H1, H2, H3		

SCD 39

SCHEMATIC	CONNECTIONS		
	Primary Volts		Inter-connect
	120	H1, H2	---
	Secondary Volts		Inter-connect
	120	X1, X2	---

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SCD 40

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	208	H1, H2	---
	Secondary Volts	Connect lines to	Inter-connect
	120	X1, X2	---

SCD 41

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	240	H1, H2	---
	Secondary Volts	Connect lines to	Inter-connect
	120	X1, X2	---

SCD 42

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	630	H1, H2, H3	1-2
	600	H1, H2, H3	2-3
	570	H1, H2, H3	3-4
	Secondary Volts	Connect lines to	Inter-connect
	240	X1, X2, X3	---

SCD 43

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	480	H1, H2	---
	Secondary Volts	Connect lines to	Inter-connect
	120	X1, X2	---

SCD 44

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	600	H1, H2	---
	Secondary Volts	Connect lines to	Inter-connect
	120	X1, X2	---

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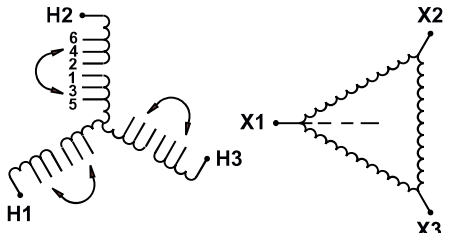
SCD 45

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	440	H1, H10	H5-H6
	416	H1, H9	H4-H6
	400	H1, H8	H3-H6
	380	H1, H7	H2-H6
	220	H1, H10	H1-H6, H5-H10
	208	H1, H9	H1-H6, H4-H9
	200	H1, H8	H1-H6, H3-H8
	120	H1, H7	H1-H6, H2-H7
	Secondary Volts	Connect lines to	Inter-connect
	240	X1, X4	X2-X3
	120/240	X1, X2, X4	X2-X3
	120	X1, X4	X2-X4, X1-X3

SCD 46

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, H4	1-H2, 2-H3, H1-H3, H2-H4
	208	H1, H4	3-H2, 4-H3, H1-H3, H2-H4
	200	H1, H4	5-H2, 6-H3, H1-H3, H2-H4
	190	H1, H4	7-H2, 8-H3, H1-H3, H2-H4
	Secondary Volts	Connect lines to	Inter-connect
	240	X1, X4	X2- X3
	120	X1, X2	X1-X3, X2-X4
	120/240	X1, X2, X4	X2-X3

SCD 47

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

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TERMINATION DETAILS - For NEMA 1 Style Transformers

Includes: Autotransformers (Section 13) and Medium Voltage Transformers (Section 14).

SINGLE PHASE TERMINATION - AWG(MCM) OR PADS

kVA	VOLTAGE						
	120/240	277	416	480	600	2400	4160
0.25	Leads	Leads	Leads	Leads	Leads	-	-
0.5	Leads	Leads	Leads	Leads	Leads	-	-
0.75	Leads	Leads	Leads	Leads	Leads	-	-
1	Leads	Leads	Leads	Leads	Leads	-	-
1.5	Leads	Leads	Leads	Leads	Leads	-	-
2	Leads	Leads	Leads	Leads	Leads	-	-
3	Leads	Leads	Leads	Leads	Leads	-	-
5	Leads	Leads	Leads	Leads	Leads	-	-
7.5	#6-#14	#6-#14	#6-#14	#6-#14	#6-#14	-	-
10	#4-#14	#6-#14	#6-#14	#6-#14	#6-#14	-	-
15	#2-#14	#2-#14	#4-#14	#4-#14	#4-#14	#6-#14	#6-#14
25	#2/0-#6	#2/0-#6	#2-#14	#2-#14	#2-#14	#6-#14	#6-#14
37.5	#250-#6	#250-#6	#2/0-#6	#2/0-#6	#2-#14	#6-#14	#6-#14
50	#600-#2	#350-#6	#250-#6	#2/0-#6	#2/0-#6	#6-#14	#6-#14
75	2X#350-#4	#600-#2	#350-#6	#250-#6	#250-#6	#6-#14	#6-#14
100	Diagram 1D	Diagram 1D	#600-#2	#600-#2	#350-#6	#2-#14	#6-#14
150	Diagram 2	Diagram 1D	Diagram 1D	2X#350-#4	#600-#2	#2-#14	#2-#14
167	Diagram 2	Diagram 2	Diagram 1D	Diagram 1D	2X#350-#6	#2-#14	#2-#14
250	Diagram 2	Diagram 2	Diagram 2	Diagram 1D	Diagram 1D	#2/0-#6	#2-#14
333	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	#250-#6	#2/0-#6

THREE PHASE TERMINATION - AWG(MCM) OR PADS

kVA	VOLTAGE							
	208	230	240	380	416	480	600	2400 4160
2	Leads	Leads	Leads	Leads	Leads	Leads	Leads	- -
3	Leads	Leads	Leads	Leads	Leads	Leads	Leads	- -
6	Leads	Leads	Leads	Leads	Leads	Leads	Leads	- -
9	#6-#14	#6-#14	#6-#14	#6-#14	#6-#14	#6-#14	#6-#14	- -
15	#4-#14	#6-#14	#6-#14	#6-#14	#6-#14	#6-#14	#6-#14	#6-#14 #6-#14
30	#2/0-#6	#2/0-#14	#2/0-#14	#2-#14	#4-#14	#4-#14	#4-#14	#6-#14 #6-#14
45	#250-#6	#250-#6	#250-#6	#2-#14	#2-#14	#2-#14	#4-#14	#6-#14 #6-#14
75	#600-#2	#350-#4	#350-#4	#250-#6	#2/0-#6	#2/0-#6	#2/0-#6	#6-#14 #6-#14
112.5	2X#350-#4	#600-#2	#600-#2	#350-#4	#250-#6	#250-#6	#2/0-#6	#6-#14 #6-#14
150	Diagram 1D	Diagram 1D	Diagram 1D	#600-#2	#600-#2	#350-#4	#250-#6	#6-#14 #6-#14
225	Diagram 2	Diagram 2	Diagram 1D	Diagram 1D	2X#350-#4	#600-#2	#600-#2	#2-#14 #6-#14
300	Diagram 2	Diagram 2	Diagram 2	Diagram 1D	Diagram 1D	Diagram 1D	2X#350-#4	#2/0-#6 #2-#14
500	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 1D	#250-#6 #2-#14
600	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	#250-#6 #2/0-#6
750	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	#350-#4 #2/0-#6

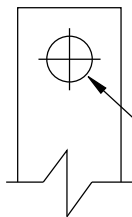


DIAGRAM 1

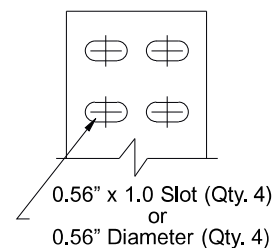


DIAGRAM 2

GENERAL INFORMATION

TERMINATION DETAILS - NEMA 3R, ALUMINUM WOUND

Including: Drive Isolation (Section 4), General Purpose Distribution (Section 8), K-Factor (Section 9), Energy Efficient (Section 10) and Low Temperature Rise (Section 11).

SINGLE PHASE, ALUMINUM TERMINATION - AWG(MCM) OR PADS

kVA	VOLTAGE						
	120/240	277	416	480	600	2400	4160
0.25	Leads	Leads	Leads	Leads	Leads	-	-
0.5	Leads	Leads	Leads	Leads	Leads	-	-
0.75	Leads	Leads	Leads	Leads	Leads	-	-
1	Leads	Leads	Leads	Leads	Leads	-	-
1.5	Leads	Leads	Leads	Leads	Leads	-	-
2	Leads	Leads	Leads	Leads	Leads	-	-
3	Leads	Leads	Leads	Leads	Leads	-	-
5	Leads	Leads	Leads	Leads	Leads	-	-
7.5	#4-#14	#4-#14	#4-#14	#4-#14	#4-#14	#6-#14	#6-#14
10	#4-#14	#4-#14	#4-#14	#4-#14	#4-#14	#6-#14	#6-#14
15	Diagram 1A	#2-#14	#4-#14	#4-#14	#4-#14	#6-#14	#6-#14
25	Diagram 1A	#2/0-#6	#2-#14	#2-#14	#2-#14	#6-#14	#6-#14
37.5	Diagram 1B	#250-#6	#2/0-#6	#2/0-#6	#2-#14	#6-#14	#6-#14
50	Diagram 1C	Diagram 1C	#250-#6	#2/0-#6	#2/0-#6	#6-#14	#6-#14
75	Diagram 1D	Diagram 1C	Diagram 1C	#250-#6	#250-#6	#6-#14	#6-#14
100	Diagram 1D	Diagram 1D	Diagram 1C	Diagram 1C	Diagram 1C	Diagram 1A	Diagram 1A
150	Diagram 2	Diagram 1D	Diagram 1D	Diagram 1D	Diagram 1C	Diagram 1A	Diagram 1A
167	Diagram 2	Diagram 2	Diagram 1D	Diagram 1D	Diagram 1D	Diagram 1A	Diagram 1A
250	Diagram 2	Diagram 2	Diagram 2	Diagram 1D	Diagram 1D	Diagram 1A	Diagram 1A
333	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 1B	Diagram 1A

THREE PHASE, ALUMINUM TERMINATION - AWG(MCM) OR PADS

kVA		VOLTAGE						
		208	230	380	416	480	600	2400
2	Leads	Leads	Leads	Leads	Leads	Leads	-	-
3	Leads	Leads	Leads	Leads	Leads	Leads	-	-
6	Leads	Leads	Leads	Leads	Leads	Leads	-	-
9	#4-#14	#4-#14	#6-#14	#6-#14	#6-#14	#6-#14	#6-#14	#6-#14
15	#4-#14	#4-#14	#6-#14	#6-#14	#6-#14	#6-#14	#6-#14	#6-#14
30	#2/0-#6	#2-#14	#2-#14	#4-#14	#4-#14	#4-#14	#6-#14	#6-#14
45	#250-#6	#250-#6	#2-#14	#2-#14	#2-#14	#4-#14	#6-#14	#6-#14
75	Diagram 1C	Diagram 1C	#2/0-#6	#2/0-#6	#2/0-#6	#2/0-#14	#6-#14	#6-#14
112.5	Diagram 1D	Diagram 1D	Diagram 1C	#250-#6	#250-#6	#250-#6	#6-#14	#6-#14
150	Diagram 1D	Diagram 1D	Diagram 1C	Diagram 1C	Diagram 1C	#250-#6	#6-#14	#6-#14
225	Diagram 2	Diagram 2	Diagram 1D	Diagram 1D	Diagram 1C	Diagram 1C	#2-#14	#2-#14
300	Diagram 2	Diagram 2	Diagram 1D	Diagram 1D	Diagram 1D	Diagram 1D	#2/0-#6	#2-#14
500	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 1D	#2/0-#6	#2-#14
600	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	#250-#6	#2/0-#6
750	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 1C	#2/0-#6

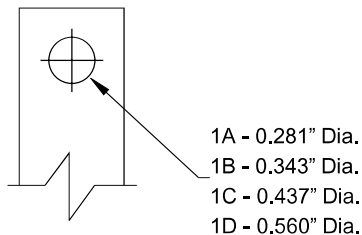


DIAGRAM 1

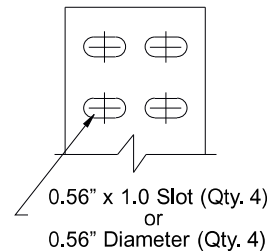


DIAGRAM 2

GENERAL INFORMATION

TERMINATION DETAILS - NEMA 3R, COPPER WOUND

Including: Drive Isolation (Section 4), General Purpose Distribution (Section 8), K-Factor (Section 9), Energy Efficient (Section 10), Low Temperature Rise (Section 11) and Encapsulated (Section 12).

SINGLE PHASE, COPPER TERMINATION - AWG(MCM) OR PADS

kVA	120/240	277	416	VOLTAGE 480	600	2400	4160
0.25	Leads	Leads	Leads	Leads	Leads	-	-
0.5	Leads	Leads	Leads	Leads	Leads	-	-
0.75	Leads	Leads	Leads	Leads	Leads	-	-
1	Leads	Leads	Leads	Leads	Leads	-	-
1.5	Leads	Leads	Leads	Leads	Leads	-	-
2	Leads	Leads	Leads	Leads	Leads	-	-
3	Leads	Leads	Leads	Leads	Leads	-	-
5	Leads	Leads	Leads	Leads	Leads	-	-
7.5	Diagram 1A	#4-#14	#4-#14	#4-#14	#4-#14	Diagram 1A	Diagram 1A
10	Diagram 1A	#4-#14	#4-#14	#4-#14	#4-#14	Diagram 1A	Diagram 1A
15	Diagram 1A	Diagram 1A	#4-#14	#4-#14	#4-#14	Diagram 1A	Diagram 1A
25	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A
37.5	Diagram 1B	Diagram 1B	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A
50	Diagram 1C	Diagram 1C	Diagram 1B	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A
75	Diagram 1D	Diagram 1C	Diagram 1C	Diagram 1B	Diagram 1B	Diagram 1A	Diagram 1A
100	Diagram 1D	Diagram 1D	Diagram 1C	Diagram 1C	Diagram 1C	Diagram 1A	Diagram 1A
150	Diagram 2	Diagram 1D	Diagram 1D	Diagram 1D	Diagram 1C	Diagram 1A	Diagram 1A
167	Diagram 2	Diagram 2	Diagram 1D	Diagram 1D	Diagram 1D	Diagram 1A	Diagram 1A
250	Diagram 2	Diagram 2	Diagram 2	Diagram 1D	Diagram 1D	Diagram 1A	Diagram 1A
333	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 1B	Diagram 1A

THREE PHASE, COPPER TERMINATION - AWG(MCM) OR PADS

kVA	208	230	380	VOLTAGE 416	480	600	2400	4160
2	Leads	Leads	Leads	Leads	Leads	Leads	-	-
3	Leads	Leads	Leads	Leads	Leads	Leads	-	-
6	Leads	Leads	Leads	Leads	Leads	Leads	-	-
9	#4-#14	#4-#14	#6-#14	#6-#14	#6-#14	#6-#14	Diagram 1A	Diagram 1A
15	#4-#14	#4-#14	#6-#14	#6-#14	#6-#14	#6-#14	Diagram 1A	Diagram 1A
30	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A
45	Diagram 1B	Diagram 1B	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A
75	Diagram 1C	Diagram 1C	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A
112.5	Diagram 1D	Diagram 1D	Diagram 1C	Diagram 1B	Diagram 1B	Diagram 1B	Diagram 1A	Diagram 1A
150	Diagram 1D	Diagram 1D	Diagram 1C	Diagram 1C	Diagram 1C	Diagram 1B	Diagram 1A	Diagram 1A
225	Diagram 2	Diagram 2	Diagram 1D	Diagram 1D	Diagram 1C	Diagram 1C	Diagram 1A	Diagram 1A
300	Diagram 2	Diagram 2	Diagram 1D	Diagram 1D	Diagram 1D	Diagram 1D	Diagram 1A	Diagram 1A
500	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 1D	Diagram 1A	Diagram 1A
600	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 1B	Diagram 1A
750	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 2	Diagram 1C	Diagram 1A

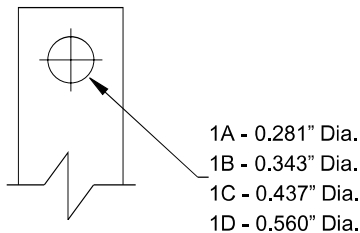


DIAGRAM 1

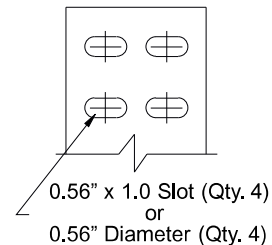


DIAGRAM 2

GENERAL INFORMATION

ACCESSORIES - GENERAL PURPOSE TRANSFORMERS

SPRINKLER HOODS

(NEMA TYPE 2 ENCLOSURE)

Sprinkler hoods can easily be field installed to protect a transformer from water falling at an angle up to 75° from vertical. A NEMA Type 1 enclosure with a properly installed sprinkler hood will meet NEMA Type 2 requirements.

Use the selection table to the right to select the appropriate sprinkler hood kit. Each kit comes with either 2 or 4 hoods, depending on the case style, to fit on transformer enclosure.

For overall dimensions of the enclosures with a sprinkler hood installed, please refer to the enclosure dimensional drawings on pages 254 thru 257.

Factory installed NEMA Type 2 enclosures are also available.

Please contact the nearest Hammond Sales Office for details.

Note: UH style enclosures do not require sprinkler hood kits.

ANTI-VIBRATION PADS AND ISOLATORS

All standard transformers are supplied with installed internal vibration absorbing pads to minimize noise during operation.

Optional external “anti-vibration pads” and “vibration isolators” (for higher noise dampening) are available, and can be used to reduce operating noise even further.

Both kits are resistant to industrial contaminants like oils, acids and alkalis.

WALL MOUNTING KITS

(Used with Sprinkler Hoods)

If wall mounting is desired for a transformer fitted with sprinkler hoods, optional wall mounting brackets can be ordered separately.

Use the selection table to the right to select the appropriate kit. One kit is required for each transformer.



SPRINKLER HOOD KIT AND WALL MOUNTING BRACKET KIT PART NO.'S

Sprinkler Hood Kit Part No.	Wall Mounting Part No.	Case Style
DHA1	WB2	A1
DHA2	WB2	A2
DHH1	WB2	H1
DHH2	WB2	H2
DHH3	N/A	H3
DHH4	N/A	H4
DHH5	WB2	H5
DHH6	WB2	H6
DHH7	N/A	H7
DHH8	N/A	H8
DHJ1	N/A	J1
DHJ2	N/A	J2
DHJ3	N/A	J3
DHJ4	N/A	J4
DHJ5	N/A	J5
DHJ6	N/A	J6
N/A	W1	UH1
N/A	W2	UH2&3
N/A	W1	UH5
N/A	W2	UH6

ANTI-VIBRATION PADS

Part No.	Case Style	Description
P1	A1 - A2	Rubber and steel washer assemblies which replace the standard steel washers
	H1 - H8	
	UH1 - UH8	
P2	J1 - J6	
	UJ1-UJ6	

VIBRATION ISOLATORS

Part No.	Transformer Weight (lb)	Description
NMP1	up to 380	Moulded neoprene and steel plate assemblies to virtually eliminate vibration noise from the transformer to the mounting surface.
NMP2	381 - 760	
NMP3	761 - 1040	
NMP4	1041 - 1880	
NMP5	1881 - 2880	
NMP6	2881 - 4880	

