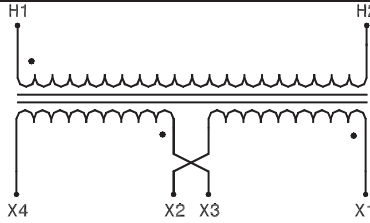
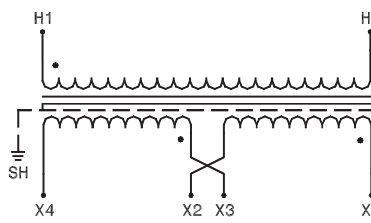


# Single Phase Connection Diagrams

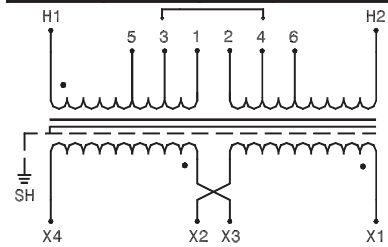
Dia. 8 Catalog Series 35-40XX & 80-40XX			
Tap Arrangement	None		
% High Voltage	High Voltage 277	Inter-Connect	Connect High Voltage Lines To
100	277	--	H1 & H2
% Low Voltage	Low Voltage 120 / 240	Inter-Connect	Connect Low Voltage Lines To
100	120	X1 To X3 X2 To X4	X1X3 & X2X4
100	120 / 240	X2 To X3	X1 & X2X3 & X4
100	240	X2 To X3	X1 & X4



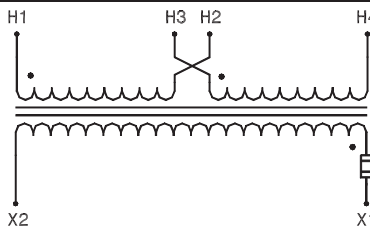
Dia. 9 Catalog Series 85-40XXSH			
Tap Arrangement	None		
% High Voltage	High Voltage 277	Inter-Connect	Connect High Voltage Lines To
100	277	--	H1 & H2
% Low Voltage	Low Voltage 120 / 240	Inter-Connect	Connect Low Voltage Lines To
100	120	X1 To X3 X2 To X4	X1X3 & X2X4
100	120 / 240	X2 To X3	X1 & X2X3 & X4
100	240	X2 To X3	X1 & X4



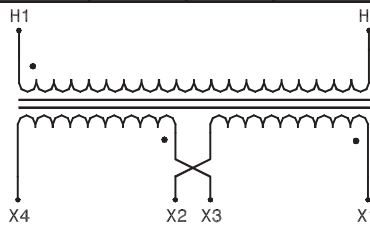
Dia. 10 Catalog Series 61-44XXSH			
Tap Arrangement	2-2½ % FCAN Full Capacity Above Normal) 2-2½ % FCBN Full Capacity Below Normal)		
% High Voltage	High Voltage 277	Inter-Connect	Connect High Voltage Lines To
105	291	1 To 2	H1 & H2
102.5	284	2 To 3	
100	277	3 To 4	
97.5	270	4 To 5	
95	263	5 To 6	
% Low Voltage	Low Voltage 120 / 240	Inter-Connect	
100	120	X1 To X3 X2 To X4	X1X3 & X2X4
100	120 / 240	X2 To X3	X1 & X2X3 & X4
100	240	X2 To X3	X1 & X4



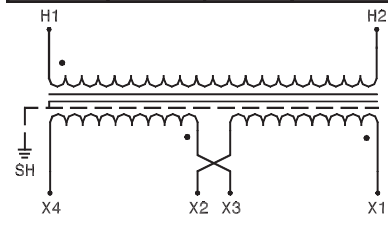
Dia. 11 Catalog Series 35-20XX & 80-20XX			
Tap Arrangement	None		
% High Voltage	High Voltage 240 X 480	Inter-Connect	Connect High Voltage Lines To
100	240	H1 To H3 H2 To H4	H1H3 & H2H4
100	480	H2 To H3	H1 & H4
% Low Voltage	Low Voltage 120 Fused	Inter-Connect	Connect Low Voltage Lines To
100	120	-	X1 & X2



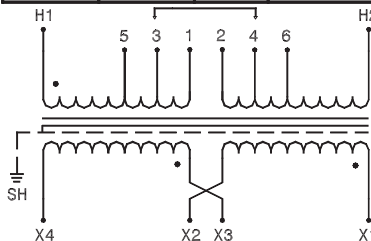
Dia. 12 Catalog Series 35-50XX & 80-50XX			
Tap Arrangement	None		
% High Voltage	High Voltage 600	Inter-Connect	Connect High Voltage Lines To
100	600	--	H1 & H2
% Low Voltage	Low Voltage 120 / 240	Inter-Connect	Connect Low Voltage Lines To
100	120	X1 To X3 X2 To X4	X1X3 & X2X4
100	120 / 240	X2 To X3	X1 & X2X3 & X4
100	240	X2 To X3	X1 & X4



Dia. 13 Catalog Series 85-50XXSH			
Tap Arrangement	None		
% High Voltage	High Voltage 600	Inter-Connect	Connect High Voltage Lines To
100	600	--	H1 & H2
% Low Voltage	Low Voltage 120 / 240	Inter-Connect	Connect Low Voltage Lines To
100	120	X1 To X3 X2 To X4	X1X3 & X2X4
100	120 / 240	X2 To X3	X1 & X2X3 & X4
100	240	X2 To X3	X1 & X4

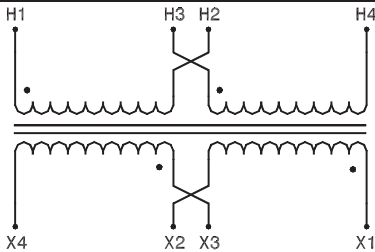


Dia. 14 Catalog Series 61-54XXSH			
Tap Arrangement	2-2½ % FCAN Full Capacity Above Normal) 2-2½ % FCBN Full Capacity Below Normal)		
% High Voltage	High Voltage 600	Inter-Connect	Connect High Voltage Lines To
105	630	1 To 2	H1 & H2
102.5	615	2 To 3	
100	600	3 To 4	
97.5	585	4 To 5	
95	570	5 To 6	
% Low Voltage	Low Voltage 120 / 240	Inter-Connect	
100	120	X1 To X3 X2 To X4	X1X3 & X2X4
100	120 / 240	X2 To X3	X1 & X2X3 & X4
100	240	X2 To X3	X1 & X4

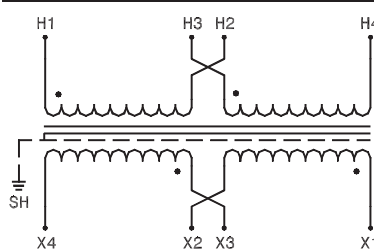


# Single Phase Connection Diagrams

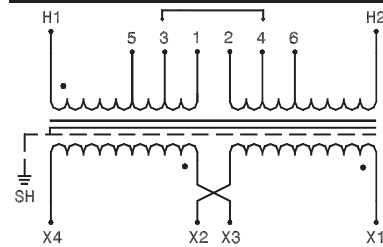
Dia. 15 Catalog Series 35-60XX & 80-60XX			
Tap Arrangement	None		
% High Voltage	High Voltage 120 X 240	Inter-Connect	Connect High Voltage Lines To
100	120	H1 To H3 H2 To H4	H1H3 & H2H4
100	240	H2 To H3	H1 & H4
% Low Voltage	Low Voltage 120 / 240	Inter-Connect	Connect Low Voltage Lines To
100	120	X1 To X3 X2 To X4	X1X3 & X2X4
100	120 / 240	X2 To X3	X1 & X2X3 & X4
100	240	X2 To X3	X1 & X4



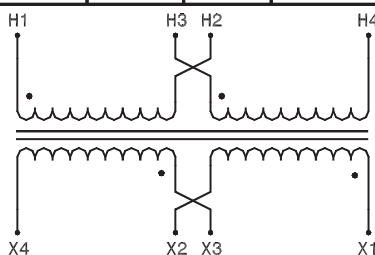
Dia. 16 Catalog Series 85-60XXSH			
Tap Arrangement	None		
% High Voltage	High Voltage 120 X 240	Inter-Connect	Connect High Voltage Lines To
100	120	H1 To H3 H2 To H4	H1H3 & H2H4
100	240	H2 To H3	H1 & H4
% Low Voltage	Low Voltage 120 / 240	Inter-Connect	Connect Low Voltage Lines To
100	120	X1 To X3 X2 To X4	X1X3 & X2X4
100	120 / 240	X2 To X3	X1 & X2X3 & X4
100	240	X2 To X3	X1 & X4



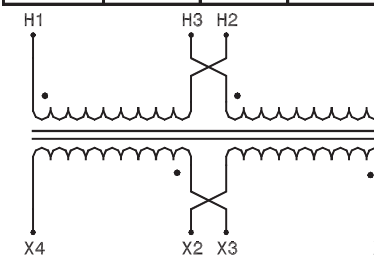
Dia. 17 Catalog Series 61-64XXSH			
Tap Arrangement	None		
% High Voltage	High Voltage 120 X 240	Inter-Connect	Connect High Voltage Lines To
105	126	H1 To 2 H2 To 1	H1 & H2
100	120	H1 To 4 H2 To 3	
95	114	H1 To 6 H2 To 5	
105	252	1 To 2	
102.5	246	2 To 3	
100	240	3 To 4	
97.5	234	4 To 5	
95	228	5 To 6	
% Low Voltage	Low Voltage 120 / 240	Inter-Connect	Connect Low Voltage Lines To
100	120	X1 To X3 X2 To X4	X1X3 & X2X4
100	120 / 240	X2 To X3	X1 & X2X3 & X4
100	240	X2 To X3	X1 & X4



Dia. 18 Catalog Series 35-M0XX & 80-M0XX 85-M0XX			
Tap Arrangement	No Taps		
% High Voltage	High Voltage 120 X 240	Inter-Connect	Connect High Voltage Lines To
100	120	H1 To H3 H2 To H4	H1H3 & H2H4
100	240	H2 To H3	H1 & H4
% Low Voltage	Low Voltage 12 / 24	Inter-Connect	Connect Low Voltage Lines To
100	12	X1 To X3 X2 To X4	X1X3 & X2X4
100	12 / 24	X2 To X3	X1 & X2X3 & X4
100	24	X2 To X3	X1 & X4



Dia. 19 Catalog Series 35-Y0XX & 80-Y0XX 85-Y0XX			
Tap Arrangement	No Taps		
% High Voltage	High Voltage 120 X 240	Inter-Connect	Connect High Voltage Lines To
100	120	H1 To H3 H2 To H4	H1H3 & H2H4
100	240	H2 To H3	H1 & H4
% Low Voltage	Low Voltage 16 / 32	Inter-Connect	Connect Low Voltage Lines To
100	16	X1 To X3 X2 To X4	X1X3 & X2X4
100	16 / 32	X2 To X3	X1 & X2X3 & X4
100	32	X2 To X3	X1 & X4



Dia. 20 Catalog Series 35-LM0XX & 80-LM0XX 85-LM0XX			
Tap Arrangement	No Taps		
% High Voltage	High Voltage 240 X 480	Inter-Connect	Connect High Voltage Lines To
100	240	H1 To H3 H2 To H4	H1H3 & H2H4
100	480	H2 To H3	H1 & H4
% Low Voltage	Low Voltage 24 / 48	Inter-Connect	Connect Low Voltage Lines To
100	24	X1 To X3 X2 To X4	X1X3 & X2X4
100	24 / 48	X2 To X3	X1 & X2X3 & X4
100	48	X2 To X3	X1 & X4

