

Vanguard - Three Phase - General Purpose

73 Series DOE 2016 Compliant

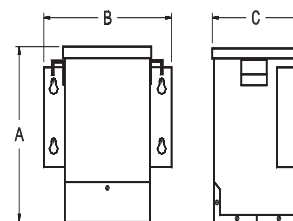
Primary Volts 480 Delta,
Secondary Volts 240 Delta, 60 Hz
 May be used on a 480Y / 277 Volt Supply

General Information			Winding Specifications				Dimensions			
kVA* Cap.	Catalog Number	Wgt. Lbs	Taps	Maximum Amps		Conn Dia. Pg. 28	Height A	Width B	Depth C	Outline Dwg.
				Pri.	Sec.					
3.0	76-0203SH	140	0	3.6	7.2	2	14.00	16.00	7.75	1
6.0	76-0206SH	212	0	7.2	14.4	2	18.00	20.00	9.50	1
9.0	76-0209SH	265	0	10.8	21.6	2	18.00	20.00	9.50	1
DOE 2016 Compliant										
15.0	73-6215SH*	230	6	18	36	6	23.50	18.88	18.50	2
30.0	73-6230SH*	326	6	36	72	6	29.00	24.25	20.88	2
45.0	73-6245SH*	460	6	54	108	6	29.00	24.25	20.88	2
75.0	73-6275SH*	722	6	90	180	6	32.00	27.25	26.25	2
112.5	73-62112SH*	1001	6	135	270	6	41.00	34.25	26.75	2
150.0	73-62150SH*	1255	6	180	361	6	41.00	34.25	26.75	2

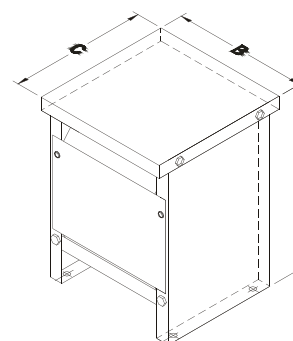
*Transformers 15 kVA through 150 kVA are equipped with a 120 volt lighting tap. Lighting tap capacity is limited to 5% of nameplate rating distributed equally on either side of XO.

Primary Volts 480 Delta,
Secondary Volts 208Y / 120, 60 Hz
 May be used on a 480Y / 277 Volt Supply

General Information			Winding Specifications				Dimensions			
kVA Cap.	Catalog Number	Wgt. Lbs	Taps	Maximum Amps		Conn Dia. Pg. 28	Height A	Width B	Depth C	Outline Dwg.
				Pri.	Sec.					
3.0	76-0303SH	140	0	3.6	8.3	5	14.00	16.00	7.75	1
6.0	76-0306SH	212	0	7.2	16.6	5	18.00	20.00	9.50	1
9.0	76-0309SH	265	0	10.8	25	5	18.00	20.00	9.50	1
DOE 2016 Compliant										
15.0	73-6315SH	230	6	18	41	3	23.50	18.88	18.50	2
30.0	73-6330SH	326	6	36	83	3	29.00	24.25	20.88	2
45.0	73-6345SH	460	6	54	125	3	29.00	24.25	20.88	2
75.0	73-6375SH	722	6	90	208	3	32.00	27.25	26.25	2
112.5	73-63112SH	1001	6	135	312	3	41.00	34.25	26.75	2
150.0	73-63150SH	1255	6	180	416	3	41.00	34.25	26.75	2



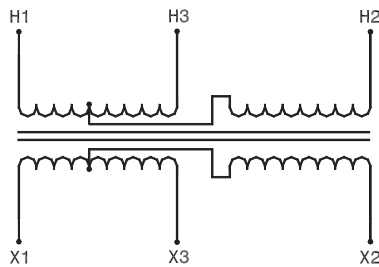
Drawing 1
 3 - 9 kVA
 Wall Mount - Encapsulated - NEMA Type 3R



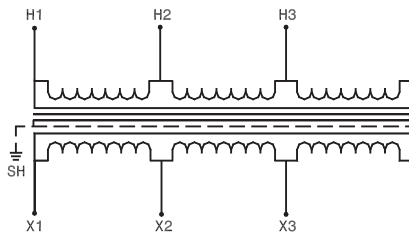
Drawing 2
 15 - 150 kVA
 Floor Mount - Ventilated - NEMA Type 3R

Three Phase Connection Diagrams

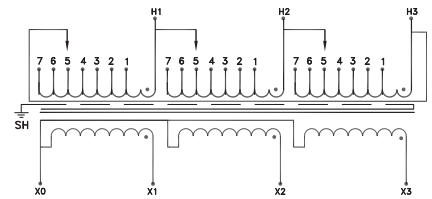
Dia. 1	Catalog Series 63-02XX		
Tap Arrangement	No Taps		
% High Voltage	High Voltage 480	Inter-Connect	Connect High Voltage Lines To
100	480		H1 & H2 & H3
% Low Voltage	Low Voltage 240	Inter-Connect	Connect Low Voltage Lines To
100	240		X1 & X2 & X3



Dia. 2	Catalog Series 76-02XXSH		
Tap Arrangement	No Taps		
% High Voltage	High Voltage 480	Inter-Connect	Connect High Voltage Lines To
100	480		H1 & H2 & H3
% Low Voltage	Low Voltage 240	Inter-Connect	Connect Low Voltage Lines To
100	240		X1 & X2 & X3

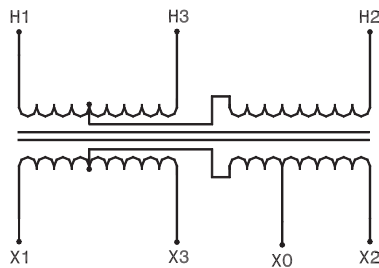


Dia. 3	Catalog Series 73-63XXSH		
Tap Arrangement	2 - 2½ FCAN (Full Capacity Above Normal) 4 - 2½ FCBN (Full Capacity Below Normal)		
% High Voltage	High Voltage 480	Inter-Connect	Connect High Voltage Lines To
90	432	1	H1-H2-H3
92.5	444	2	
95	456	3	
97.5	468	4	
100	480	5	
102.5	492	6	H1-H2-H3
105	504	7	
% Low Voltage	Low Voltage 240	Inter-Connect	Connect Low Voltage Lines To
100	240		X1 & X2 & X3
100	120*		X2 to X0 or X3 to X0

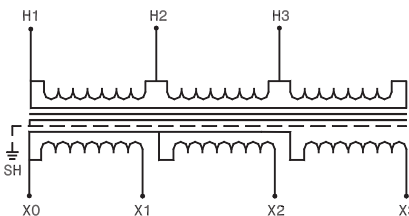


*Lighting tap capacity is limited to 5% of nameplate rating distributed equally on either side of X0.

Dia. 4	Catalog Series 63-03XX		
Tap Arrangement	No Taps		
% High Voltage	High Voltage 480	Inter-Connect	Connect High Voltage Lines To
100	480		H1 & H2 & H3
% Low Voltage	Low Voltage 208Y / 120	Inter-Connect	Connect Low Voltage Lines To
100	208		X1 & X2 & X3
100	120		X1 to X0 X2 to X0 X3 to X0



Dia. 5	Catalog Series 76-03XXSH		
Tap Arrangement	No Taps		
% High Voltage	High Voltage 480	Inter-Connect	Connect High Voltage Lines To
100	480		H1 & H2 & H3
% Low Voltage	Low Voltage 208Y / 120	Inter-Connect	Connect Low Voltage Lines To
100	208		X1 & X2 & X3
100	120		X1 to X0 X2 to X0 X3 to X0



Dia. 6	Catalog Series 73-62XXSH		
Tap Arrangement	2 - 2½ FCAN (Full Capacity Above Normal) 4 - 2½ FCBN (Full Capacity Below Normal)		
% High Voltage	High Voltage 480	Inter-Connect	Connect High Voltage Lines To
90	432	1	H1-H2-H3
92.5	444	2	
95	456	3	
97.5	468	4	
100	480	5	
102.5	492	6	H1-H2-H3
105	504	7	
% Low Voltage	Low Voltage 208Y/120	Inter-Connect	Connect Low Voltage Lines To
100	208		X1 & X2 & X3
100	120		X1 to X0 X2 to X0 X3 to X0

