Typical Performance Technical Data Sheet



Catalog No T48SH2Y-500

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Characteristics	
Phase	3
KVA	500
Primary	480∆
Secondary	208Y/120
Conductor	Aluminum
Temp. Rise	150° C
Frequency	60 HZ
Taps	+2, -4 x 2.5%
ESS	Yes
Insulation	220° C
Weathershield	WS-16
Wall Bracket	NONE
Weight (lbs)	3340
Sound (dB)	60

Typical Perfomance @170° C	
Regulation @ 100% PF	1.5%
Regulation @ 80% PF	3.8%
Impedance	4.6%
No Load Losses (W)	754
Full Load Losses (W)	7,258

AMP Ratings			
Line In (Primary) @	480V	601 A	
Load (Secondary) @	208V	1,388 A	

Wiring Diagram · 18A			
H2		X2	
\wedge		/	
	X1	— (−xo	
		\	
H1	H3	X3	
PRIMARY			
H1	H2	Н3	
7_3 2,6	7_3 2,6	7_3 2,6	
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xo x1 x2 x3			
λ0	X2	Х3	
	SECONDARY	Х3	
VOLTS	SECONDARY CONNECTIONS	LINE LEADS	
9	SECONDARY		
VOLTS	SECONDARY CONNECTIONS	LINE LEADS	
VOLTS 504	SECONDARY CONNECTIONS 2 TO 3	LINE LEADS H1, H2, H3	
VOLTS 504 492	CONDARY CONNECTIONS 2 TO 3 2 TO 5	LINE LEADS H1, H2, H3 H1, H2, H3	
VOLTS 504 492 480	CONDARY CONNECTIONS 2 TO 3 2 TO 5 3 TO4	H1, H2, H3 H1, H2, H3 H1, H2, H3 H1, H2, H3	
VOLTS 504 492 480 468	CONDARY CONNECTIONS 2 TO 3 2 TO 5 3 TO4 4 TO 5	H1, H2, H3 H1, H2, H3 H1, H2, H3 H1, H2, H3 H1, H2, H3	
VOLTS 504 492 480 468 456	ECONDARY CONNECTIONS 2 TO 3 2 TO 5 3 TO 4 4 TO 5 5 TO 6	H1, H2, H3 H1, H2, H3 H1, H2, H3 H1, H2, H3 H1, H2, H3 H1, H2, H3	
VOLTS 504 492 480 468 456 444	ECONDARY CONNECTIONS 2 TO 3 2 TO 5 3 TO 4 4 TO 5 5 TO 6 4 TO 7	LINE LEADS H1, H2, H3	

Notes

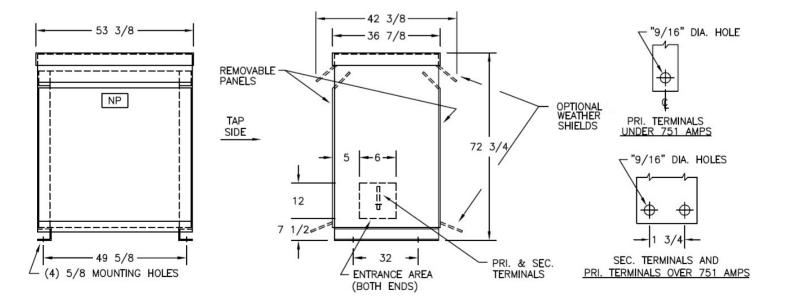
All units are UL listed and are designed in accordance with applicable NEMA, ANSI and IEEE standards.

Transformers are dry-type AA, ventilated NEMA 2 enclosure.

If a weathershield is indicated above this transformer can be converted to a NEMA 3R enclosure.

Transformers are floor mounted. Wall mounting bracket kit if shown above is optional and is supplied as a seperate accessory.

Paint color is ANSI 61.



Outline No: 08A3228