

# Typical Performance Technical Data Sheet



Catalog No. T20SF2Y-300

## Characteristics

Phase	3
KVA	300
Primary	208Δ
Secondary	208Y/120
Conductor	Aluminum
Temp. Rise	115° C
Frequency	60 HZ
Taps	+2, -2 x 3.5%
ESS	Yes
Insulation	220° C
Weathershield	WS-16
Wall Bracket	NONE
Weight (lbs)	2275
Sound (dB)	55

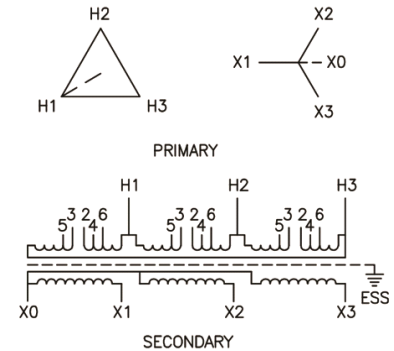
## Typical Performance @ 135° C

Regulation @ 100% PF	1.7%
Regulation @ 80% PF	4.4%
Impedance	5.4%
No Load Losses (W)	500
Full Load Losses (W)	4,606

## AMP Ratings

Line In (Primary) @ 208V	833 A
Load (Secondary) @ 208V	833 A

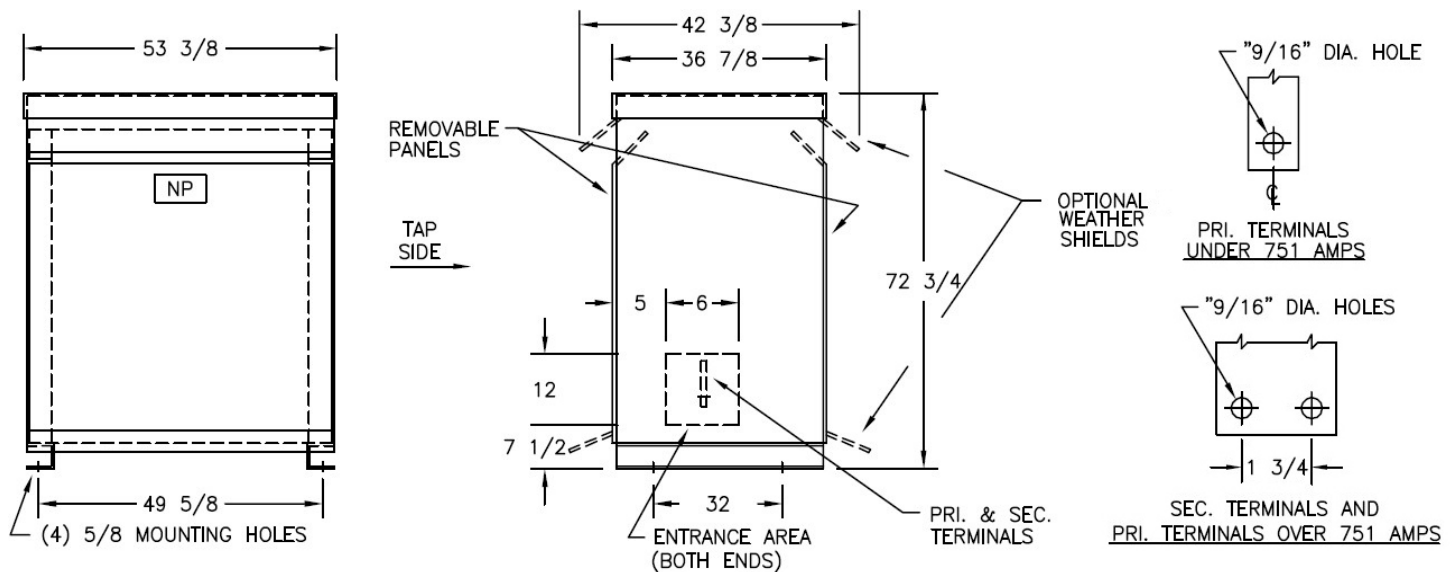
## Wiring Diagram -19C



VOLTS	CONNECTIONS	LINE LEADS
223	2 TO 3	H1, H2, H3
215	2 TO 5	H1, H2, H3
208	3 TO 4	H1, H2, H3
201	4 TO 5	H1, H2, H3
193	5 TO 6	H1, H2, H3
208Y/120		X0, X1, X2, X3

## 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 separate accessory.  
Paint color is ANSI 61.



Outline No: 08A3228

Meets 10 CFR 431(DOE 2016) Efficiency  
Dry Type Transformer General Purpose

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