Typical Performance Technical Data Sheet

Catalog No. T48LH42-45

Characteristics

Phase	3
KVA	45
Primary	480Δ
Secondary	480Y/277
Conductor	Aluminum
Temp. Rise	150° C
Frequency	60 HZ
Taps	+2, -4 x 2.5%
ESS	No
Insulation	220° C
Weathershield	WS-18A
Wall Bracket	WMB-4
Weight (lbs)	455
Sound (dB)	45

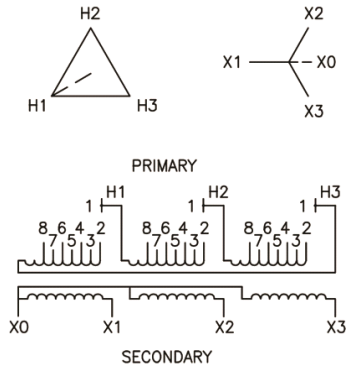
Typical Perfomance @170° C

Regulation @ 100% PF	3.2%
Regulation @ 80% PF	4.2%
Impedance	4.2%
No Load Losses (W)	90
Full Load Losses (W)	1,436

AMP Ratings

Line In (Primary) @ 480V	54 A
Load (Secondary) @ 480V	54 A

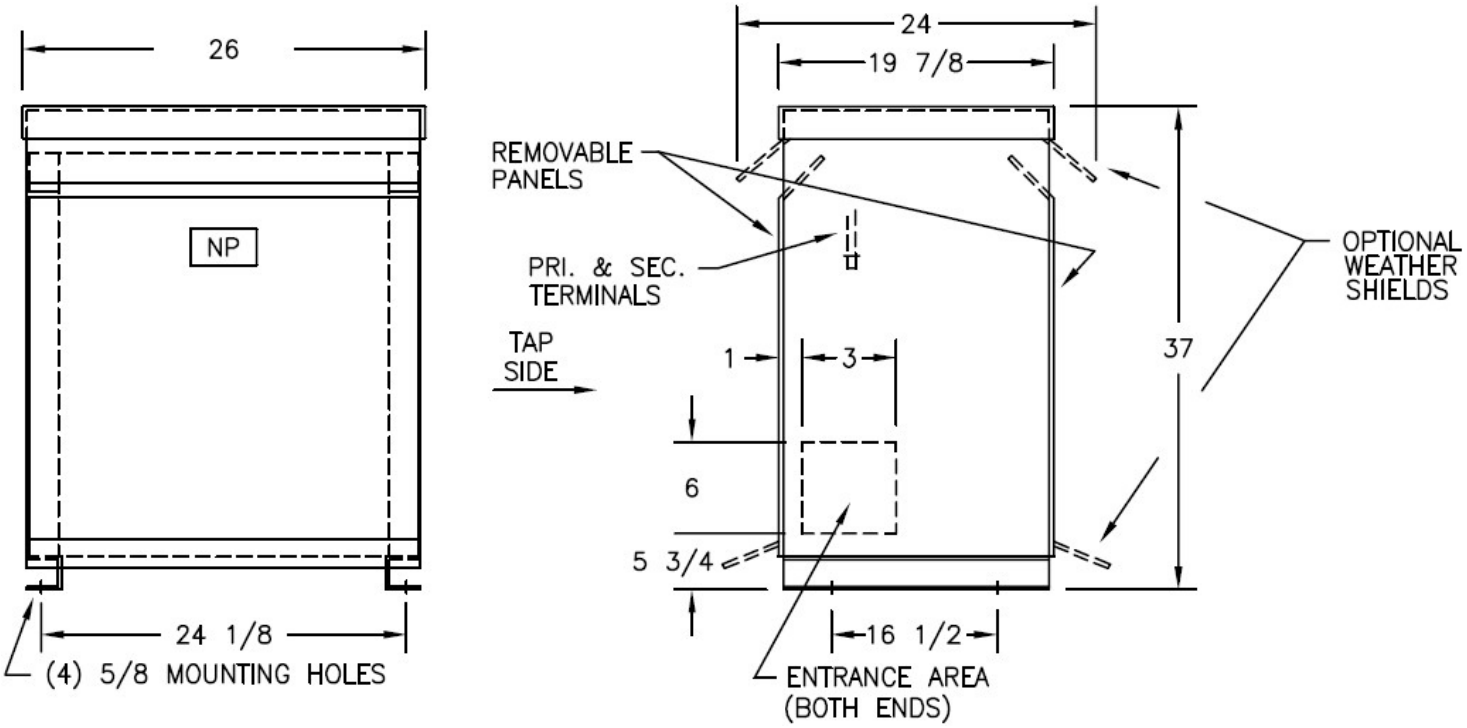
Wiring Diagram -20



VOLTS	CONNECTIONS	LINE LEADS
504	1 TO 2	H1, H2, H3
492	1 TO 3	H1, H2, H3
480	1 TO 4	H1, H2, H3
468	1 TO 5	H1, H2, H3
456	1 TO 6	H1, H2, H3
444	1 TO 7	H1, H2, H3
432	1 TO 8	H1, H2, H3
480Y/277		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 seperate accessory.
Paint color is ANSI 61.



Outline No: 08A3223

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

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For reference only
Subject to change without notice