

# Typical Performance Technical Data Sheet



Catalog No. T48LH3Y-30

## Characteristics

|               |               |
|---------------|---------------|
| Phase         | 3             |
| KVA           | 30            |
| Primary       | 480Δ          |
| Secondary     | 380Y/219      |
| Conductor     | Aluminum      |
| Temp. Rise    | 150° C        |
| Frequency     | 60 HZ         |
| Taps          | +2, -4 x 2.5% |
| ESS           | No            |
| Insulation    | 220° C        |
| Weathershield | WS-4          |
| Wall Bracket  | WMB-3         |
| Weight (lbs)  | 415           |
| Sound (dB)    | 45            |

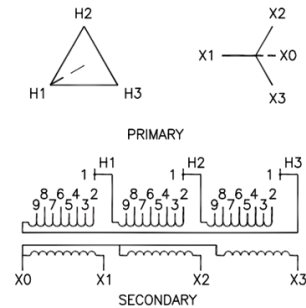
## Typical Performance @ 170° C

|                      |      |
|----------------------|------|
| Regulation @ 100% PF | 2.8% |
| Regulation @ 80% PF  | 3.3% |
| Impedance            | 3.4% |
| No Load Losses (W)   | 92   |
| Full Load Losses (W) | 837  |

## AMP Ratings

|                          |      |
|--------------------------|------|
| Line In (Primary) @ 480V | 36 A |
| Load (Secondary) @ 380V  | 46 A |

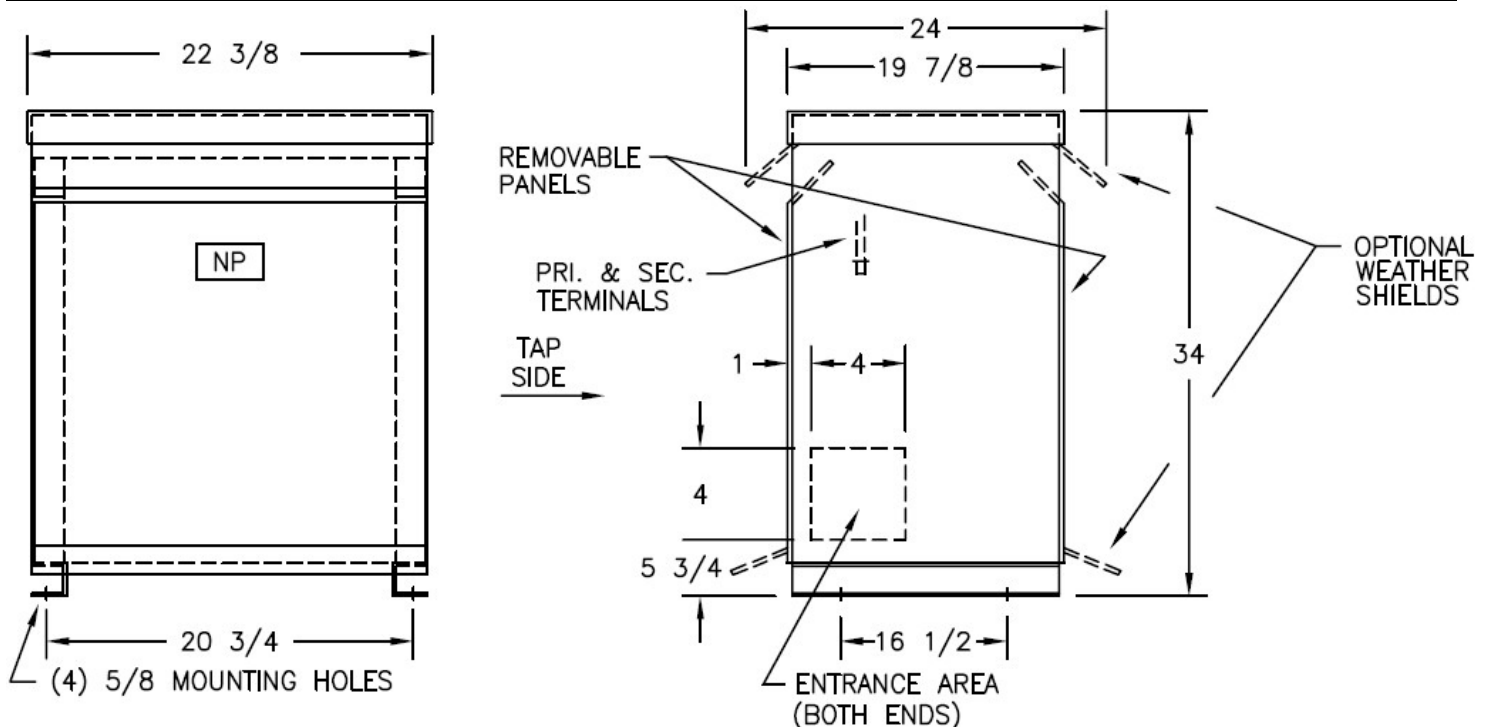
## Wiring Diagram -30A



| 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     |
| 380Y/219 |             | 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: 08A3222

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

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