

## 823-9347-500 - Three-Phase Ventilated-USA-DOE

| Product Details     |                              |
|---------------------|------------------------------|
| <b>KVA</b>          | 500.00                       |
| <b>Enclosure</b>    | NEMA 3R Ventilated           |
| <b>Phase</b>        | Three-Phase                  |
| <b>Line Voltage</b> | 480V-Delta                   |
| <b>Load Voltage</b> | 240V-Delta + CT              |
| <b>E/S Shielded</b> | No                           |
| <b>Windings</b>     | Aluminum                     |
| <b>Temp. rise</b>   | 150°                         |
| <b>Frequency</b>    | 60 Hz                        |
| <b>Taps</b>         | 2 - 2.5% FCAN; 2 - 2.5% FCBN |
| <b>Impedance</b>    | 4.9                          |

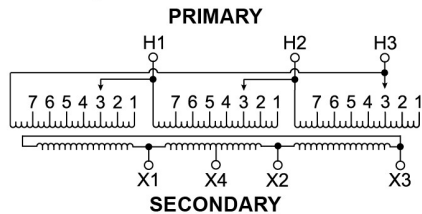
| Product Details                 |              |
|---------------------------------|--------------|
| <b>Efficiency Type</b>          | DOE-2016     |
| <b>Minimum Efficiency (35%)</b> | 99.14        |
| <b>Sound</b>                    | 60 db Max    |
| <b>Approvals</b>                | UL, cUL, DOE |

| Weight & Dimensions (Imperial / Metric) |             |            |
|-----------------------------------------|-------------|------------|
| <b>A</b>                                | 60.00"      | 152.4 cms  |
| <b>B</b>                                | 48.00"      | 121.92 cms |
| <b>C</b>                                | 43.50"      | 110.49 cms |
| <b>D</b>                                | 42.00"      | 106.68 cms |
| <b>E</b>                                | 27.00"      | 68.58 cms  |
| <b>Est Ship Wt</b>                      | 3220.00 lbs | 1460.57 kg |

### T480G Wiring Diagram & Connections

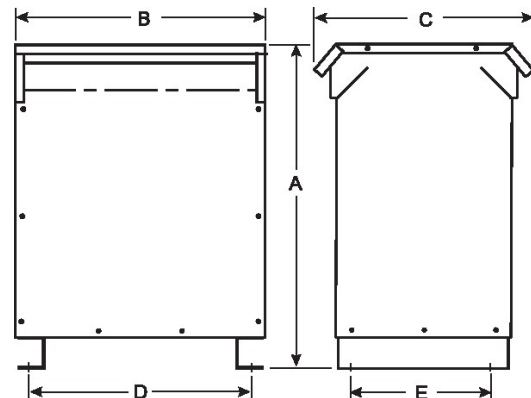
#### Wiring Diagram

Primary: 480 Volts Delta  
Secondary: 240 Volts Delta/120 Volts



#### Connections

| Primary Volts   | On Each Coil Jumper Taps To | Primary Lines Connect To |
|-----------------|-----------------------------|--------------------------|
| 504             | 1                           | H1, H2, H3               |
| 492             | 2                           | H1, H2, H3               |
| 480             | 3                           | H1, H2, H3               |
| 468             | 4                           | H1, H2, H3               |
| 456             | 5                           | H1, H2, H3               |
| 444             | 6                           | H1, H2, H3               |
| 432             | 7                           | H1, H2, H3               |
| Secondary Volts | Secondary Lines Connect To  |                          |
| 240             | X1, X2, X3                  |                          |
| 120             | X1 and X4                   |                          |
| 1 phase         | or X2 or X4                 |                          |



### Additional Information

**Installation Notes:** CAUTION: When using the 120V center tap for single-phase applications, the single-phase load should not exceed 5% of the three-phase kVA rating. Connect the X3 "high leg" to the "B" phase per NEC 384- 3 (do not use X3 leg for 120V lighting).