

| Datasheet<br>3000kVA,3Phase,60 Hz,ONAN, 13800 D - 480 Y /277<br>Pad Mounted Transformer |                                                                                   |           | <br>OMEX | OMEX - For the Ones Powering America |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------|--------------------------------------|
| S.No.                                                                                   | Particulars                                                                       | U.O.M     | Description                                                                                |                                      |
| 1                                                                                       | Rated KVA                                                                         | kVA       | 3000                                                                                       |                                      |
| 2                                                                                       | No. of Phases                                                                     | No.       | 3                                                                                          |                                      |
| 3                                                                                       | Primary Voltage                                                                   | Volts     | 13800 D                                                                                    |                                      |
| 4                                                                                       | Secondary Voltage                                                                 | Volts     | 480 Y /277                                                                                 |                                      |
| 5                                                                                       | Vector Group                                                                      | Symbol    | Dyn1                                                                                       |                                      |
| 6                                                                                       | Service                                                                           |           | Outdoor, Pad Mounted                                                                       |                                      |
| 7                                                                                       | Standard                                                                          |           | IEEE C57.12.34, IEEE C57.12.00, IEEE C57.12.90                                             |                                      |
| 8                                                                                       | Fluid Type                                                                        |           | Type II Mineral Oil                                                                        |                                      |
| 9                                                                                       | Type of cooling                                                                   |           | ONAN                                                                                       |                                      |
| 10                                                                                      | Percentage Impedance                                                              | %         | 5.75% (+/- 7.5% IEEE Tol.)                                                                 |                                      |
| 11                                                                                      | Winding Temperature Rise                                                          | °C        | 65 °C                                                                                      |                                      |
| 12                                                                                      | Frequency                                                                         | Hz        | 60 Hz                                                                                      |                                      |
| 13                                                                                      | Taps                                                                              | %         | +5% to -5% in steps of 2.5%                                                                |                                      |
| 14                                                                                      | Winding Material (Primary/Secondary)                                              |           | AL/AL                                                                                      |                                      |
| 15                                                                                      | BIL Rating                                                                        | kVp/KVrms | HV:LI 95, AC 34; LV: LI 30 AC 10                                                           |                                      |
| 16                                                                                      | Color                                                                             |           | Munsell Green 7GY3.29/1.5                                                                  |                                      |
| 17                                                                                      | Tank Material                                                                     |           | Mild Steel                                                                                 |                                      |
| 18                                                                                      | UL Listed                                                                         |           | Yes                                                                                        |                                      |
| 19                                                                                      | Efficiency: DOE-2016 for rating ≤2500kVA or<br>Efficiency for rating ≥2500kVA@UPF | %         | ≥99%                                                                                       |                                      |
| 20                                                                                      | HV Termination                                                                    |           | Dead Front Loop Feed                                                                       |                                      |
| 21                                                                                      | LV Termination                                                                    |           | Live Front Radial Feed                                                                     |                                      |
| 22                                                                                      | Switch Options                                                                    |           | 4 Position LBOR Switch (T-blade)                                                           |                                      |
| 23                                                                                      | Standard Accessories                                                              |           | 15KV, 600Amps Bushing Wells, BIL-95kV                                                      |                                      |
|                                                                                         |                                                                                   |           | 1.2kV, 4000Amps Epoxy Bushing ( Spade Type terminal, 8 holes)                              |                                      |
|                                                                                         |                                                                                   |           | De-energised Off Circuit Tap Changer                                                       |                                      |
|                                                                                         |                                                                                   |           | Pressure Relieve Valve                                                                     |                                      |
|                                                                                         |                                                                                   |           | Pressure and Vacuum gauge without contact                                                  |                                      |
|                                                                                         |                                                                                   |           | Lifting Lugs                                                                               |                                      |
|                                                                                         |                                                                                   |           | Oil level guage without contact                                                            |                                      |
|                                                                                         |                                                                                   |           | Drain Valve with Sampler                                                                   |                                      |
|                                                                                         |                                                                                   |           | Nitrogen/dry air Blanket                                                                   |                                      |
|                                                                                         |                                                                                   |           | Dial Type oil temperature indicator with maximum reading pointer                           |                                      |
|                                                                                         |                                                                                   |           | Radiator-detachable                                                                        |                                      |
|                                                                                         |                                                                                   |           | Schrader Valve                                                                             |                                      |
| 24                                                                                      | Other Accessories                                                                 |           | Bay-o-net fuse with Backup CLF                                                             |                                      |
|                                                                                         |                                                                                   |           | Seismic Anchoring provisions                                                               |                                      |
|                                                                                         |                                                                                   |           | Based on requirements, accessories with contacts                                           |                                      |
| OMEX PRODUCT CODE:3000kVA-13800D480Y-3PH-ONAN-MS-PM-L                                   |                                                                                   |           |                                                                                            |                                      |