

| <b>Datasheet</b><br><b>2500kVA,3Phase,60 Hz,ONAN, 12470 D - 480 Y /277</b><br><b>Pad Mounted Transformer</b> |                                                      |              | <br><b>OMEX - For the Ones Powering America</b> |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>S.No.</b>                                                                                                 | <b>Particulars</b>                                   | <b>U.O.M</b> | <b>Description</b>                                                                                                                |
| 1                                                                                                            | <b>Rated KVA</b>                                     | kVA          | 2500                                                                                                                              |
| 2                                                                                                            | <b>No. of Phases</b>                                 | No.          | 3                                                                                                                                 |
| 3                                                                                                            | <b>Primary Voltage</b>                               | Volts        | 12470 D                                                                                                                           |
| 4                                                                                                            | <b>Secondary Voltage</b>                             | Volts        | 480 Y /277                                                                                                                        |
| 5                                                                                                            | <b>Vector Group</b>                                  | Symbol       | Dyn1                                                                                                                              |
| 6                                                                                                            | <b>Service</b>                                       |              | Outdoor, Pad Mounted                                                                                                              |
| 7                                                                                                            | <b>Standard</b>                                      |              | IEEE C57.12.34, IEEE C57.12.00, IEEE C57.12.90                                                                                    |
| 8                                                                                                            | <b>Fluid Type</b>                                    |              | Type II Mineral Oil                                                                                                               |
| 9                                                                                                            | <b>Type of cooling</b>                               |              | ONAN                                                                                                                              |
| 10                                                                                                           | <b>Percentage Impedance</b>                          | %            | 5.75% (+/- 7.5% IEEE Tol.)                                                                                                        |
| 11                                                                                                           | <b>Winding Temperature Rise</b>                      | °C           | 65 °C                                                                                                                             |
| 12                                                                                                           | <b>Frequency</b>                                     | Hz           | 60 Hz                                                                                                                             |
| 13                                                                                                           | <b>Taps</b>                                          | %            | +5% to -5% in steps of 2.5%                                                                                                       |
| 14                                                                                                           | <b>Winding Material (Primary/Secondary)</b>          |              | AL/AL                                                                                                                             |
| 15                                                                                                           | <b>BIL Rating</b>                                    | kVp/KVrms    | HV:LI 95, AC 34; LV: LI 30 AC 10                                                                                                  |
| 16                                                                                                           | <b>Color</b>                                         |              | Munsell Green 7GY3.29/1.5                                                                                                         |
| 17                                                                                                           | <b>Tank Material</b>                                 |              | Mild Steel                                                                                                                        |
| 18                                                                                                           | <b>UL Listed</b>                                     |              | Yes                                                                                                                               |
| 19                                                                                                           | <b>Efficiency: DOE-2016 for rating ≤2500kVA @UPF</b> | %            | 99.53                                                                                                                             |
| 20                                                                                                           | <b>HV Termination</b>                                |              | Dead Front Loop Feed                                                                                                              |
| 21                                                                                                           | <b>LV Termination</b>                                |              | Live Front Radial Feed                                                                                                            |
| 22                                                                                                           | <b>Switch Options</b>                                |              | 4 Position LBOR Switch (T-blade)                                                                                                  |
| 23                                                                                                           | <b>Standard Accessories</b>                          |              | 15KV, 600Amps Bushing Wells, BIL-95kV                                                                                             |
|                                                                                                              |                                                      |              | 1.2kV, 3200Amps 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                                                                                                                    |
|                                                                                                              |                                                      |              | Bay-o-net fuse with Backup CLF                                                                                                    |
| 24                                                                                                           | <b>Other Accessories</b>                             |              | Seismic Anchoring provisions                                                                                                      |
|                                                                                                              |                                                      |              | Based on requirements, accessories with contacts                                                                                  |
| <b>OMEX PRODUCT CODE:2500kVA-12470D480Y-3PH-ONAN-MS-PM-L</b>                                                 |                                                      |              |                                                                                                                                   |