

Datasheet 500kVA,3Phase,60 Hz,ONAN, 12000 D - 480 Y /277 Pad Mounted Transformer			 OMEX - For the Ones Powering America
S.No.	Particulars	U.O.M	Description
1	Rated KVA	kVA	500
2	No. of Phases	No.	3
3	Primary Voltage	Volts	12000 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	%	4.35%–5.75%
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 @UPF	%	99.35
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, 200Amps Bushing Wells, BIL-95kV
			1.2kV, 800Amps Epoxy Bushing (Spade Type terminal, 4 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:500kVA-12000D480Y-3PH-ONAN-MS-PM-L			