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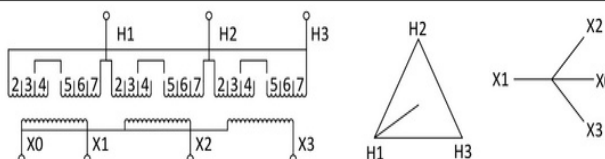
Sales@omexindustries.us

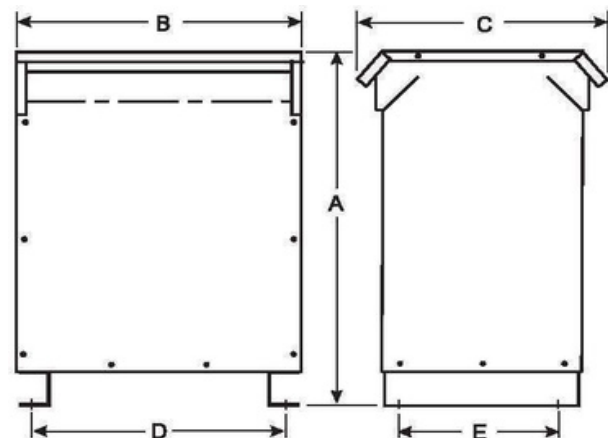
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500KVA-480D-480Y/277-K01-AL Three-Phase Ventilate-USA-DOE

Product details	
KVA	500.0
UPC#	
Enclosure	NEMA 3R Ventilated
P hase	Three-Phase
Line Voltage	480D
Load Voltage	480Y/277V
E/S Shielded	No
Windings	Aluminium
Temp.rise	150°C
F requency	60Hz
Taps	2-2.5%FCAN; 4 - 2.5% FCBN
Impedance	4.1%
Total load loss (170°C)	6269 W
Regulation (full load)	PF1.0=1.33 PF 0.8=3.37
Insulation Class	220°C

Product details		
Efficiency Type	DOE-2016	
Minimum Efficiency {35%}	99.14	
Busbar Temination	Primary:AL	
	Secondary : AL	
Approvals	uL, cUL, DOE	
Weight & Dimensions (Imperial / Metric)		
A B C D E	67.72"	172.00 cms
Est Ship Wt	50.39"	128.00 cms
	36.82"	93.50 cms
	47.83"	121.50 cms
	24.02"	61.00 cms
	2944 lbs	1335 kg

Wiring Diagram		
Primary : 480 Volts Delta		
Secondary : 480Y/277 Volts		
PRIMARY		
		
SECONDARY		
Connections		
Primary Volts	On Each Coil Jumper Taps To	Primary Lines Connect To
492	4 - 5	H1, H2, H3
480	4 - 6	H1, H2, H3
468	3 - 5	H1, H2, H3
456	3 - 6	H1, H2, H3
444	2 - 6	H1, H2, H3
432	3 - 7	H1, H2, H3
420	2 - 7	H1, H2, H3
		Secondary Lines Connect To
270		X1, X2, X3
1P hase		X1 to X0 X2 to X0 X3 to X0



Additional Information	
How to Buy: Contact your local representative.	
Wall mounting bracket kit	
Mounting kit with drippan	

All specifications subjects to change.Contact Factory for certified drawings. © 2026 OMEX Industries LLC.

D

C

B

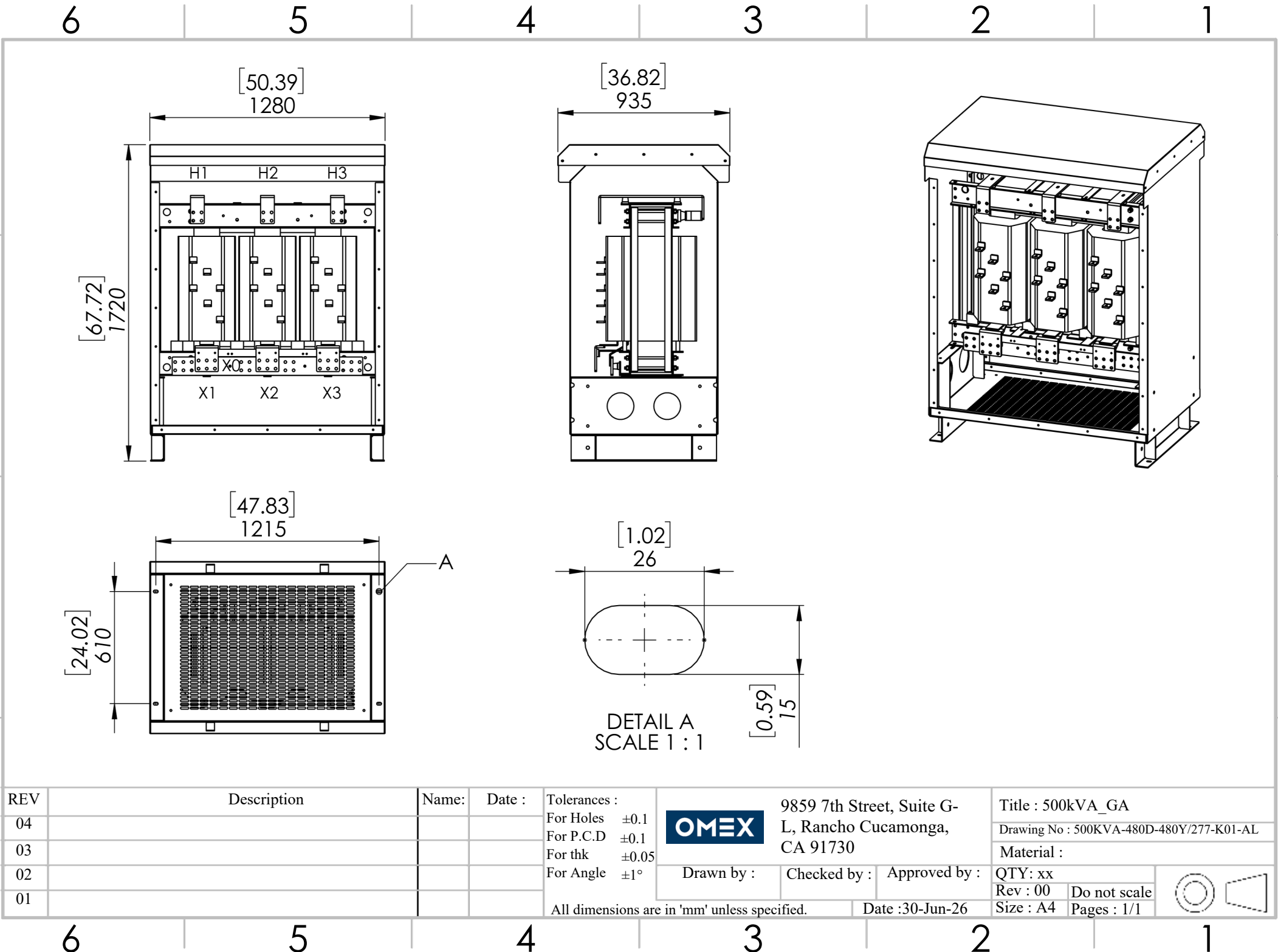
A

D

C

B

A



REV	Description	Name:	Date :	Tolerances :	9859 7th Street, Suite G-L, Rancho Cucamonga, CA 91730			Title : 500kVA_GA	
04				For Holes ±0.1	OMEX Drawn by : Checked by : Approved by :			Drawing No : 500KVA-480D-480Y/277-K01-AL	
03				For P.C.D ±0.1				Material :	
02				For thk ±0.05				QTY: xx	
01				For Angle ±1°				Rev : 00	Do not scale
				All dimensions are in 'mm' unless specified.			Date :30-Jun-26	Size : A4	Pages : 1/1

