



Contact us +1(415) 960 4853

sales@omexindustries.com

www.omexindustries.com

50KVA-240V/480V-120/240-K01-AL Single-Phase Ventilate-USA-DOE

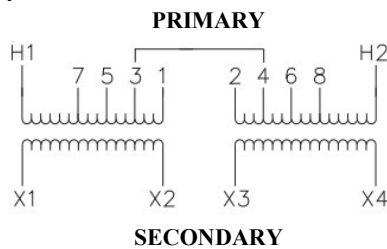
Product details	
KVA	50.0
UPC#	
Enclosure	NEMA 3R Ventilated
Phase	Single-Phase
Line Voltage	240Vx480V
Load Voltage	120/240V
E/S Shielded	No
Windings	Aluminium
Temp.rise	150°C
Frequency	60Hz
Taps	2 - 2.5% FCAN; 4 - 2.5% FCBN
Impedance @ 170 °C 60Hz	2.5% - 6.5% typical

Product details		
Efficiency Type	DOE-2016	
Minimum Efficiency {35%}	98.30	
Busbar Termination	Primary : AL	
	Secondary : AL	
Approvals	uL, cUL, DOE	
Weight & Dimensions (Imperial / Metric)		
A	33.66"	85.50 ems
B	26.57"	67.50 ems
C	20.87"	53.00 ems
D	23.62"	60.00 ems
E	13.78"	35.00 ems
Est Ship Wt	309 lbs	140 kg

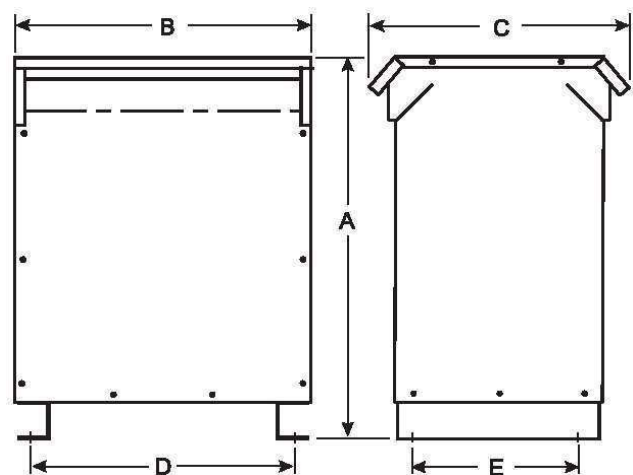
Wiring Diagram

Primary : 240 x 480 Volts

Secondary : 120/240 Volts



Connections			
Primary Volts	Jumpers Left Coil	Jumpers Right Coil	Primary Lines Connect To
504	1	2	H1, H2
492	3	2	H1, H2
480	3	4	H1, H2
468	5	4	H1, H2
456	5	6	H1, H2
444	7	6	H1, H2
432	7	8	H1, H2
252	H2, 1	H1, 2	H1, H2
240	H2, 3	H1, 4	H1, H2
228	H2, 5	H1, 6	H1, H2
216	H2, 7	H1, 8	H1, H2
Secondary Volts	Interconnect	Secondary Lines Connect To	
240	X2 to X3	X1, X4	
120/240	X2 to X3	X1, X2, X4	
120	X1 to X3 X2 to X4	X1, X4	



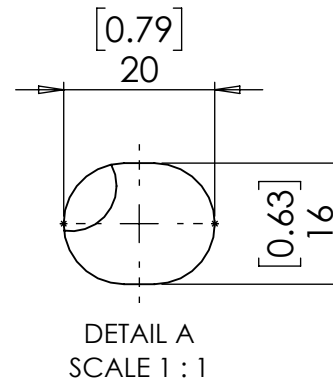
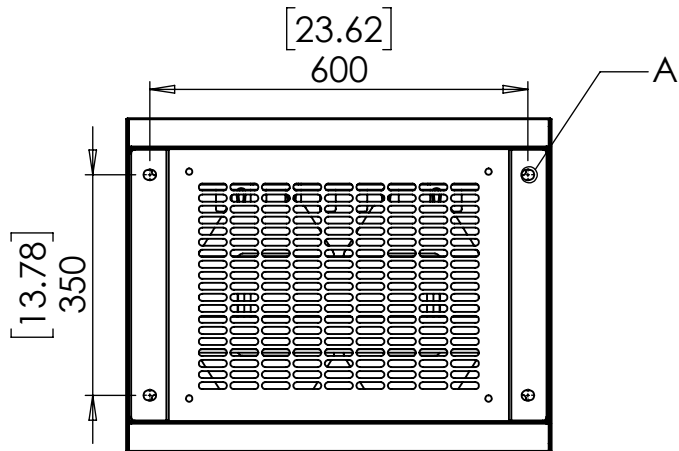
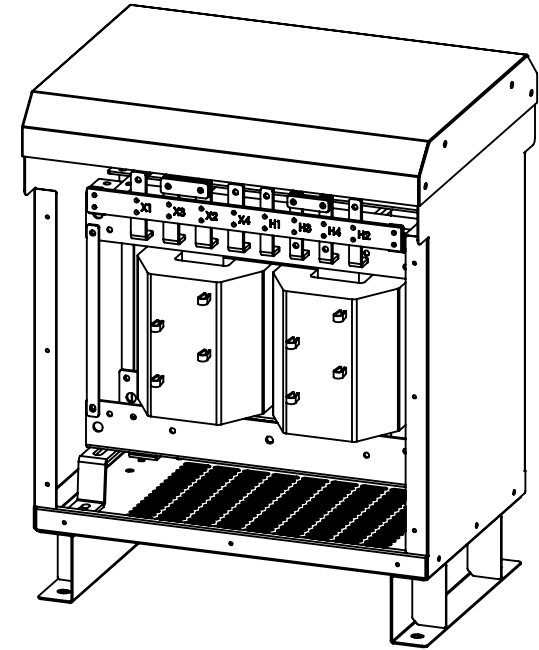
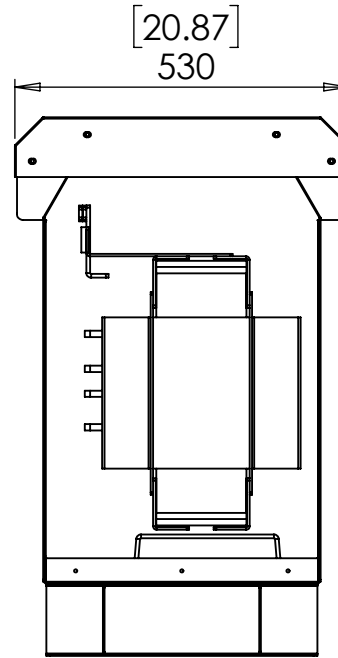
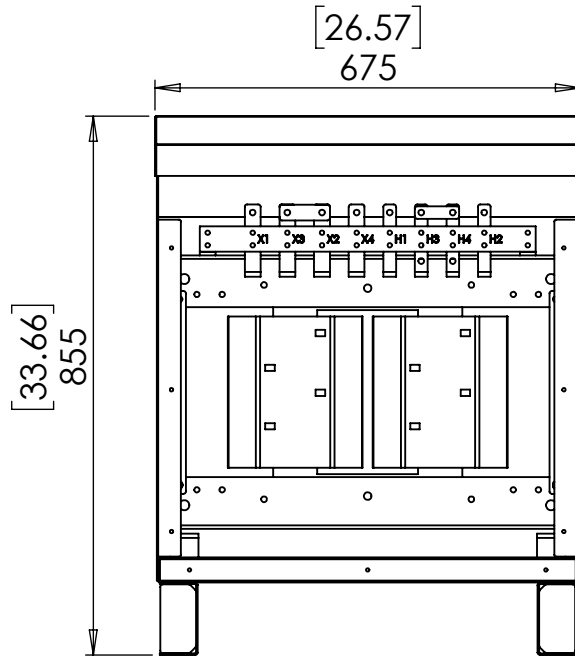
Additional Information

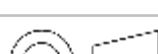
How to Buy: Contact your local representative.

Wall mounting bracket kit

Mounting kit with drippan

50KVA-240V/480V-120/240-K01-AL



REV	Description	Name:	Date :	Tolerances :		9859 7th Street, Suite G-L, Rancho Cucamonga, CA 91730		Title : Assembly_Drawing		
04				For Holes ±0.1				Drg No :50KVA-240V/480V-120/240-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 : 09-Mar-26		Size : A4	Pages : 1/1	
				Drawn by :		Checked by :		Approved by :		