

Step-Down Transformer

The POWER to Create Better Light™

STEP-DOWN TRANSFORMERS

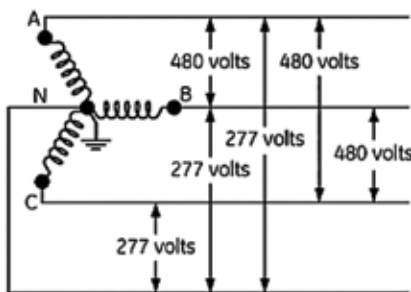
PRODUCT FEATURES

- Non-isolated autotransformer
- UL listed
- Thermally protected (auto reset)
- Max case temperature 105C
- Sound rated A
- 5 year limited warranty
- Designed for lighting applications
 - LED
 - Electronic ballasts
 - HID
- Low profile cases

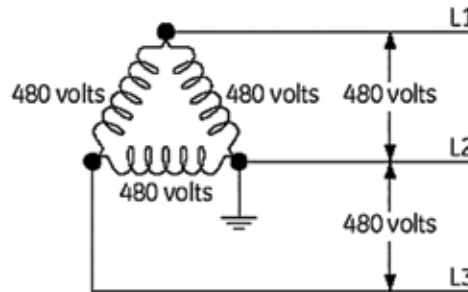
Model Number	Input			Output		Physical Properties	
	Voltage	Current at Max Load	Power at Max Load	Output Voltage	Max Load (VA)	Case	Wiring Diagram
VETR480/277-60VA	480/347	0.125/0.172	66W	277/240	60	A	WD-1
VETR480/277-110VA	480/347	0.229/0.317	125W	277/240	110	B	WD-1
VETR480/277-250VA	480/347	0.520	275W	277/200	250/180	B	WD-2
VETR480/277-375VA	480/347	0.781	410W	277/200	375/270	C	WD-2

APPLICATION NOTES

- Supply current frequency 60Hz
- Do not use on ungrounded systems



WYE



DELTA

Why do we use VA instead of watts

Why do we use VA instead of Watts when setting Step-Down Transformer loads?

The power in watts is the real power drawn by the equipment. Volt-Amps (VA) are called the "apparent power" and is the product of the voltage applied to the equipment times the current drawn by the equipment.

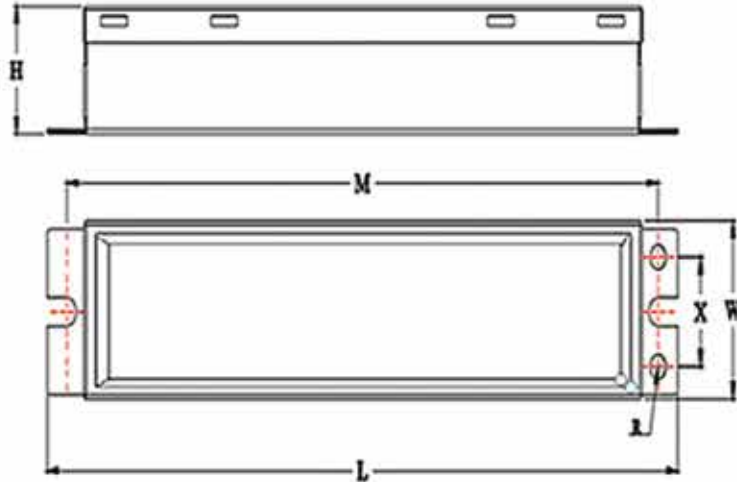
*Use one of these formulas to determine the missing quantity:

$$\text{Watts} = \text{VA} * \text{Power factor} \text{ or } \text{VA} = \text{Watts} / \text{Power Factor}$$

*For example to find VA of a 240W load with a .98PF is $240/.98 = 244\text{VA}$ for sizing your Step-Down Transformer

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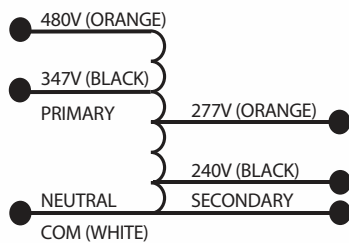
PHYSICAL PARAMETERS



CASE DIMENSIONS IN INCHES			
Case	A	B	C
L	7.20	9.49	11.70
M	6.61	8.90	11.14
W	1.73	1.73	1.73
X	1.06	1.06	1.06
H	1.30	1.30	1.30
R	1.30	1.30	1.30
Lead Lengths	15"/16AWG	14"/16AWG	14"/16AWG

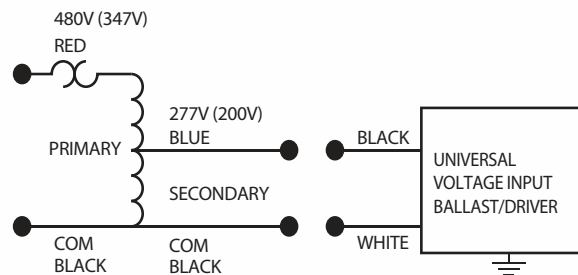
WIRING DIAGRAMS

WD-1



VETR480/277-60VA & VETR480/277-110VA
Cap all unused wires

WD-2



VETR480/277-250VA & VETR480/277-375VA





HEADQUARTERS

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