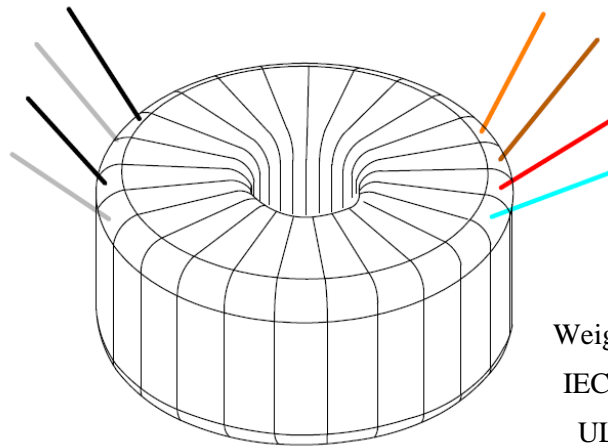
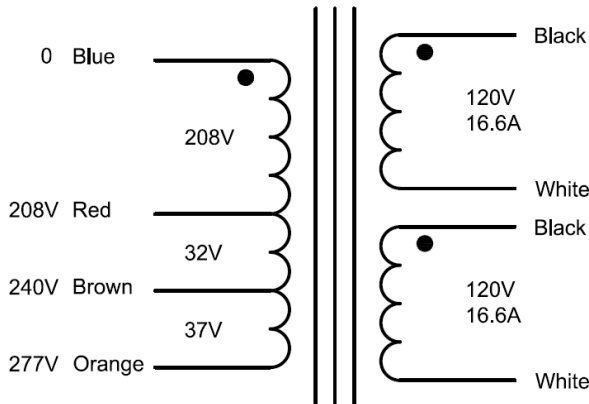




The 4000VA industrial toroidal power transformer offers higher efficiency than EI transformers, typically ranging up to 97%. Due to its effective containment of magnetic flux within the core, it significantly reduces interference with nearby components. Additionally, it generates a lot less mechanical humming and heat.

The AU series transformers are specifically designed to operate with standard 208V, 240V, and 277V 60Hz power source. They feature heavier gauge copper wires than standard requirements to minimize wire loss at full power output. The dielectric leakage current test withstands up to 3500Vac between the primary and secondary coils.

This transformer includes two rubber pads, a holding disk, and a center bolt assembly.



D=9.8"
 H=4.7"
 Weight=58 LB
 IEC EN61558
 UL E49714

Open Circuit Test (core loss test): TEST CONDITION: Apply variable voltage to primary wires (0-240V tap). Set voltages 240 and 280VAC at 60Hz. No load on secondary coils. Measure the primary current and input power.	Voltage input	Current input	P _{ower} lost
	240V 280V	.082A .106A	15.8W 22.5W
Short Circuit Test (copper loss test): TEST CONDITION: Short all secondary coils, and apply variable voltage to (parallel) primary coils. Vary the voltage from 0-20VAC at 60Hz and freeze the voltage at rated primary current.	Voltage input	Current rated	P _{ower} lost
	9.22V	8.36A	77.1W
Load Test (operation test): TEST CONDITION: Apply 240VAC, 60Hz to the primary coils (0-240V). Connect Output 1 and Output 2 in parallel to the load. Measure the voltage and current at different load levels. The total internal impedance of the transformer can be determined as $\Delta V/\Delta I$.	Voltage output	Current output	P _{ower} output
	120.8V 120.4V	0.0A 2.40A	0W 289W
DC Resistant Test: DC Milli-Ohm Meter: Test primary (0-277V) and secondary coils (value for each coil).	Primary		Secondary
	0.135 ohm		0.068 ohm