

N-1X

Electrical Specifications (@25°C)

1. Maximum Power: 50 VA
2. Input Voltage: 230 V, 50 / 60 Hz
3. Output Voltage: 115V ± 5%
4. Full Secondary Load: 0.435 Amps RMS
5. Operating Temperature¹: -40°C - 80°C
6. Storage Temperature: -50°C - 100°C

Construction:

Single winding on a double wall, nylon bobbin. This chassis mount design comes in a channel frame with 0.187" x 0.295" diameter holes in the mounting ears.

Description:

Secondary coil is a fraction of the entire winding for voltage step-down. This causes part of the power to be transferred conductively through the windings, rather than all of the power being transferred by induction.

Safety:

These units are designed with 1500V isolation between the winding and the core. Materials and construction are rated for Class B insulation system.

UL: File E50476, UL 1446, Electrical Insulation System



E50476

Max Dimensions: Unit: In inches

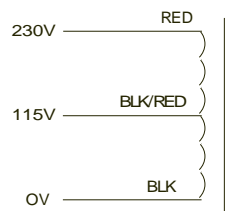
A	B	C	D
2.33	3.72	2.00	3.125 ± 0.030

Weight: 1.5 lbs

Connections:

Transformer is provided with 7" (178mm) long, 0.25" (6mm) stripped and tinned, stranded 22 AWG, UL1015 lead wire.

Schematic:



For 230V input: Blk to Red
For 115 output: Blk to Blk/Red

RoHS Compliance: As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

* Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.

¹ Based on a 40°C temperature rise and natural convection cooling.

