

POWERTRONIX, provides for the Medical Industry dependable power solutions/Isolation Transformer/Inductors based on innovative, reliable designs with world wide safety agency approvals. We work closely with our customers to fully understand their needs and we provide unique, high quality, cost effective products, manufactured in our large ISO 9000 certified manufacturing facilities



Description

Powertronix low inrush current, isolation transformer has a capability of limiting the inrush current and avoid nuisance tripping without any external components. This unique design ensure the power system operation reliability. Powertronix has developed and improved low inrush technology to define the inrush level to be in line with circuit breaker transient trip current. Hence, our technology is economical and dependable.

Toroidal Transformer :

Power : 1kVA to 20kVA
 Frequency : 47Hz to 63 Hz
 Leakage current < 100 μ A
 Primary : Customer specified
 Secondary : Customer specified
 Efficiency : 95% to 98.6%
 Isolation : 4kVA (Hi-pot)
 Temp rise: Customer specified
 Insulation classes: A, B, F, H
 Hi-pot : 4000Vrms
 Safety : UL60601-1 approved
 RoHS : Compliant



Do You Know:

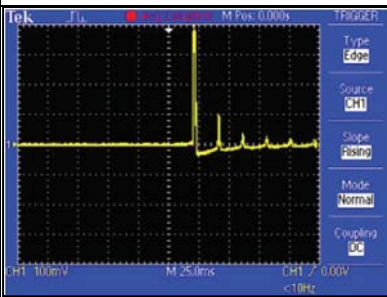
Toroidal Transformer has many advantages compare to traditional transformers due to it's inherent construction method, which is favorable for Medical applications

- Smaller and lighter
- High efficiency
- Wide choice of mounting options
- Lower no load power consumption
- Virtually no audible noise
- Wider choice of configuration
- Ultra low interference due to radial winding
- Low leakage current

Isolation Station:

Power : 300/600/1000/1500/1725VA
 Input : 115/230 Vac @ 50/60Hz
 Output : 115/230V
 Leakage : < 100 μ A
 Voltage Selectable : Yes
 RoHS compliance : Yes
 Mounting: Floor standing /
 Rack mounted

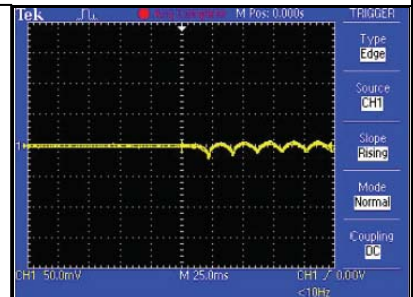
-UL listed : UL60601-1
 -CE marked
 -CB certificate



Standard Transformer
 Ex: 1.0kVA inrush current
 = 250-350A_{pk}, Size 6.7" X 3.0"

Low Inrush Designs

- No external components
- Robust construction
- Resilient to Harmonics
- No Saturation at non linear loads
- Sustainability at poor input voltage quality and missing cycles



Low inrush Transformer
 Ex: 1.0kVA inrush current
 = 30-45A_{pk}, Size 7.5" X 3.5"

Contact: Powertronix, 1120 Chess Drive, Foster City, CA, 94404, www.powertronix.com
 Tel : (650) 345-6800, Fax (650)345-7240, E mail : sales@powertronix.com