

Static Control

TSN75A & TSN75A-4 Power Supply



The **TSN75A** is a current-limited transformer-based AC voltage source with resistively-damped output coupling which provides enhanced load (i.e. ionizing apparatus or Applicator) regulation. This enhanced stability vs. a large range of loads results in improved reliability and longevity of both the supply and the load (US Patent No. 9,648,770). The **TSN75A** includes an input dual-voltage selector switch to support operation with a multitude of international mains power systems (e.g. 100V...120V and 220V...240V at 50Hz or 60Hz).

SPECIFICATIONS

- Type: high-voltage transformer with resistive output coupling
- Input: 115/230 VAC, 50/60 Hz, 1-Phase
- Output Voltage: 7.5 kVrms nom.
- Input Current, Fuse: 0.2/0.1 A max., 0.315A slo-blo
- Output Current: 4 mA max.
- Ambient Temp.: < or = 40C (104F)
- Line Cord, Plug: 6' detachable, NEMA 120V
- Optional Cords: w UK, Euro, NEMA 240V plugs
- Weight: 4.4 lbs
- Dimensions (l x w x h): 6.0 x 4.5 x 4.3 / 152mm x 114mm x 109mm
 - TSN75A-4 = 6.3 / 160mm long



TSN75A

FEATURES & BENEFITS

- Ideal for Most Static Neutralizers
- Voltage Selectable; 115V or 230VAC
- Dual HV-Output Ports
 - TSN75A-4 With 4 HV-Output Ports Available
- Field-Serviceable Componentry
- User-Safe Current Limiting
- AC Ionization For Many Applicator Systems (E.G. Static Bar/Rod; Compressed Air Gun, Nozzle, Air Knife)
- Mounting Flanges and Footprint Compatible With TSN70, TSN75 And Other AC Power Supplies
- HV-Output Resistive Coupling Stabilizes Ionization For Range Of Small To Large Applicator Loads
- UL Certification (File No. E203781)