

# Static Controls

## TSN75E

### 7.5 kV AC Power Supply

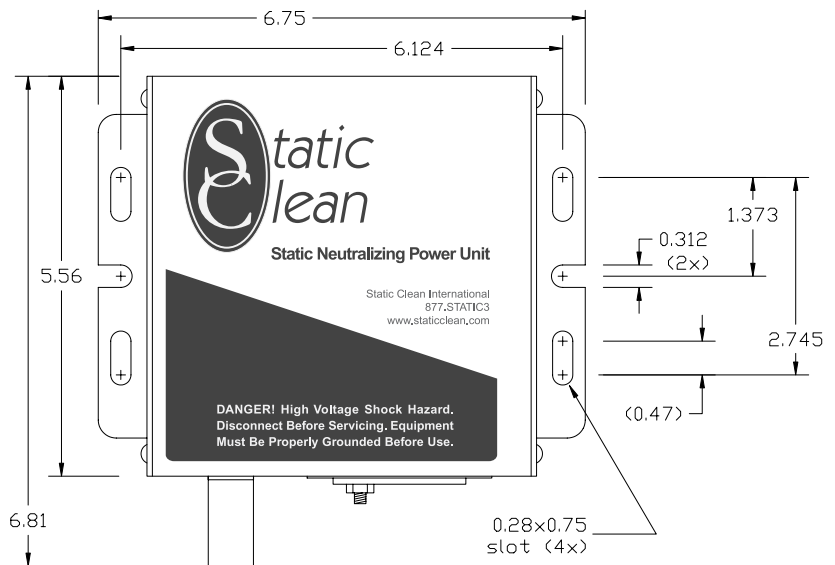
#### The Static Neutralizing Power Supply

The TSN75E 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 (Patent Pending).

The TSN75E 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).

Features include:

- dual HV-output receptacles
- field-serviceable componentry
- user-safe current limiting
- AC ionization for many Applicator systems (e.g. static bar/rod, air gun/nozzle/knife/blower)
- HV-output resistive coupling stabilizes ionization for range of small to large Applicator loads



#### Specifications: TSN75E

Type:	high-voltage transformer with resistive output coupling	Line Cord, Plug:	6' detachable, NEMA 120V
Input Voltage	120/240 VAC	Optional Cords:	w UK, Euro, NEMA 240V plugs
Frequency:	50/60 Hz	Weight:	6.0 lb
Output Voltage:	7.5 kV <sub>RMS</sub> nom.	Dimensions:	width ..... 6.8 in.
Input Current, Fuse:	0.2/0.1 A max., 0.315A slo-blo		height ..... 4.2 in.
Output Current:	3 mA max.		depth ..... 6.9 in.
Ambient Temp.:	< or = 40C (104F)		



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