



Specification Sheet

600V Class Commercial Encapsulated Single Phase Buck-Boost/Isolation Transformer

HPS Universal™

- Phase** Single Phase as isolation, single phase and three phase in buck/boost configuration.
- Winding Material** Copper
- Rating** Ratings from 50VA to 5000VA
- Voltage** Three standard voltage groups
- Frequency** 50/60 Hertz
- Insulation System** 130°C (80°C rise) for 50 to 1000 VA; 180°C (115°C rise) for 1500 to 5000 VA
- Core** All welded core construction made with high quality, high permeability silicon steel laminations
- Coil** Computer designed coils, accurately wound with optimum mean turns made from high quality magnetic wire with insulation foil,
- Termination** Front accessible wiring compartment with high and low voltage copper lead wires or tabs.
- Enclosure** Heavy Duty Type 3R (Conduit knockouts on sides and rear). Encapsulated with electrical grade silica sand and resin compounds.
- Mounting** Designed for vertical or horizontal mounting
- Warranty** 10 year

Approvals and Standards



CSA Certified, UL Listed

Features and Benefits

- Economical and efficient
- Smaller and lighter than general purpose step down transformers
- Applies to a variety of applications
- Wiring diagrams are available at www.hammondpowersolutions.com
- Used as an Isolation Transformer, these units are effective at operating low voltage lighting, machine tool circuits, relays, bells, small motors and solenoids.
- Used as a buck-boost, units can correct line voltage problems from 5% to 25% above or below the nominal voltage. Go to www.hpstoolbox.com to size your buck-boost applications

Options

Enclosures: Type 4, Type 4X, Type 12, and others available

Data subject to change without notice. Please visit www.hammondpowersolutions.com for the most current data.