

HPS FORTRESS™

COMMERCIAL ENCAPSULATED DISTRIBUTION TRANSFORMERS THREE PHASE STANDARD SPECIFICATIONS

2 TO 5 KVA



6 TO 150 KVA



	2 kVA to 5 kVA	6 kVA to 150 kVA
UL Listed	File: E50394	File: E50394
CSA Certified	File: LR3902	File: LR3902
Frequency	60 Hz (50/60 Hz)	60 Hz (50/60 Hz)
Insulation System	130°C standard on all units.	180°C standard on all units.
Electrostatic Shield	Standard on all units.	Standard on all units.
Encapsulation	All units are encapsulated with electrical grade silica sand and resin compounds.	All units are encapsulated with electrical grade silica sand and resin compounds.
Enclosure Type	NEMA Type 3R	NEMA Type 3R
Enclosure Finish	ANSI 61 Grey, UL50	ANSI 61 Grey, UL50
Termination	Top accessible separate high and low voltage lead wires or copper tabs.	Top accessible separate high and low voltage lead wires or copper tabs.
Conduit Knock-Outs	Standard side and rear knock-outs on all units.	Standard side and rear knock-outs on all units.
Impedance	Typically 4 to 8%	Typically 1 to 5%.
Mounting	Standard Wall Mounting Lifting provisions standard on all units.	Standard Wall Mounting up to 15 kVA. (Optional wall mounting kit available for 15 kVA, 30 kVA and 45 kVa.) Floor mount only over 45 kVA. Lifting provisions standard 6 kVA to 150 kVA.
Sound Level	Meets NEMA ST-20 standards.	Meets NEMA ST-20 standards.

Other voltages and kVA ratings not listed in this section are available upon request. Please contact customer service for details, price and availability.