GENERAL PURPOSE AUTOTRANSFORMERS

HPS three phase autotransformers are available for applications where small voltage corrections are necessary in a distribution system. They are frequently used as an economical alternative to general purpose distribution isolation transformers to adjust the supply voltage to match specific load requirements when load isolation from the supply line is not required. Autotransformers can be used as either a step-up or step-down transformer.

THREE PHASE STANDARD SPECIFICATIONS

3 TO (15)(30)(45) KVA

(30)(45)(75) TO 500 KVA

	3 kVA to (15)(30)(45) kVA	(30)(45)(75) to 500 kVA
UL Listed	File: E258346 (UL1604, Class I, Division 2)	File: E112313
CSA Certified	File: LR3902	File: LR3902
ABS Type Approval	Certificate No.: 04-HS435190/1-PDA	Optional
Frequency	60 Hz	60 Hz
Insulation System	130°C (80°C rise) standard on all units	180°C (115°C rise) or 200°C (130°C rise) or 220°C (150°C rise) available.
Encapsulation	Select units are encapsulated with electrical grade silica sand and resin compounds.	Not Applicable (ventilated core and coil)
Enclosure Type	Heavy Duty NEMA Type 3R Optional NEMA 4, 4X (Stainless steel) and 12.	Heavy Duty NEMA Type 3R Optional NEMA 4, 4X (Stainless steel) and 12.
Termination	Top accessible separate high and low voltage lead wires or copper tabs.	Front accessible compartment with high and low voltage terminals; connectors suitable for copper provided where indicated.
Conduit Knock-Outs	Standard side and rear knock-outs on all units.	Standard side knock-outs on all units.
Impedance	Less than 3%.	Less than 3%.
Mounting	Refer to tables on the next page.	Refer to tables on next page.
Sound Level	Meets NEMA ST-20 standards. (Optional low noise available on request)	Meets NEMA ST-20 standards. (Optional low noise available on request)

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

Note: Autotransformers incorporate a single winding design without isolation in a Wye configuration.

Data subject to change without notice.