

HPS TITAN TRANSFORMERS FOR HARSH ENVIRONMENTS AND HAZARDOUS LOCATIONS

THREE PHASE STANDARD SPECIFICATIONS

2 TO 5 KVA



6 TO 150 KVA



	2 kVA to 5 kVA	6 kVA to 150 kVA
UL 1604, Class I, Division 2	File: E258346	File: E258346
ABS Type Approval (RQS)	Certificate No.: 04-HS435190/1-PDA	Certificate No.: 04-HS435190/1-PDA
Frequency	60 Hz (50/60 Hz on units with 380V primary)	60 Hz (50/60 Hz on units with 380V primary)
Insulation System	130°C (80°C rise) standard on all units.	180°C (115°C rise) standard on all units. Optional 130°C (80°C rise) available.
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	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
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 1 to 5%.	Typically 1 to 5%.
Mounting	Standard Wall Mounting.	Standard Wall Mounting up to 15 kVA (Optional wall mounting kit available for 30 kVA and 45 kVA). Floor Mount only over 45 kVA. Lifting provisions standard 6 kVA to 150 kVA.
Seismic	Seismically certified in accordance with 2009 IBC for SDS <= 2.00g, z/h = 1.0 and IP = 1.5	Seismically certified in accordance with 2009 IBC for SDS <= 2.00g, z/h = 1.0 and IP = 1.5
Sound Level	Meets NEMA ST-20 standards. (Optional low noise units available on request)	Meets NEMA ST-20 standards. (Optional low noise units available on request)

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

All HPS TITAN three phase transformers are UL Listed for "Class 1, Division 2, Groups A, B, C and D Hazardous Locations" and are ABS Type Approved for "Marine Duty Service and Offshore Applications - Electrical Distribution and Propulsion". And with a North American Temperature Classification of T3C, the HPS TITAN series will remain cool under load.

