

HPS TITAN SERIES TRANSFORMERS FOR HARSH ENVIRONMENTS AND HAZARDOUS LOCATIONS

SINGLE PHASE STANDARD SPECIFICATIONS



	.05 kVA to 1 kVA	1.5 to 37.5 kVA
UL 1604, Class I, Division 2	File: E258346	File: E258346
ABS Type Approval (RQS)	Certificate No.: 04-MO523208-X	Certificate No.: 04-MO523208-X
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	Optional on units up to .500 kVA. Standard on .750 kVA and 1 kVA 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 Encapsulated NEMA Type 3R Optional NEMA 4, 4X (stainless steel) and 12	Heavy Duty Encapsulated NEMA Type 3R Optional NEMA 4, 4X (stainless steel) and 12
Enclosure Finish	ANSI 61 Grey, UL50	ANSI 61 Grey, UL50
Termination	Front accessible separate high and low voltage lead wires or copper tabs.	Front 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. Lifting ears provided on all units 5 kVA and up.
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 not listed in this section are available upon request. Please contact customer service for details, price and availability.

All HPS TITAN single 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.



SECTION 9