

## HPS TITAN<sup>®</sup> TRANSFORMERS FOR HARSH ENVIRONMENTS AND HAZARDOUS LOCATIONS

### SINGLE PHASE STANDARD SPECIFICATIONS

#### 0.50 TO 1 KVA



#### 1.5 TO 37.5 KVA



	0.50 kVA to 1 kVA	1.5 kVA to 37.5 kVA
<b>UL 1604, Class I, Division 2</b>	File: E258346	File: E258346
<b>ABS Type Approval (RQS)</b>	Certificate No.: 04-HS435190/1-PDA	Certificate No.: 04-HS435190/1-PDA
<b>Frequency</b>	60 Hz (50/60 Hz on units with 380V primary)	60 Hz (50/60 Hz on units with 380V primary)
<b>Insulation System</b>	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.
<b>Electrostatic Shield</b>	Optional on 0.50 kVA. Standard on 0.75 kVA and 1 kVA.	Standard on all units.
<b>Encapsulation</b>	All units are encapsulated with electrical grade silica sand and resin compounds.	All units are encapsulated with electrical grade silica sand and resin compounds.
<b>Enclosure Type</b>	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
<b>Enclosure Finish</b>	ANSI 61 Grey, UL50	ANSI 61 Grey, UL50
<b>Termination</b>	Front accessible separate high and low voltage lead wires or copper tabs.	Front accessible separate high and low voltage lead wires or copper tabs.
<b>Conduit Knock-Outs</b>	Standard side and rear knock-outs on all units.	Standard side and rear knock-outs on all units.
<b>Impedance</b>	Typically 5 to 10% on 0.50 kVA. Typically 1 to 5% on 0.75 kVA and 1 kVA	Typically 1 to 5%.
<b>Mounting</b>	Standard Wall Mounting Lifting provisions standard on all units.	Standard Wall Mounting Lifting provisions standard on units.
<b>Seismic</b>	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
<b>Sound Level</b>	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 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.*

