



TITLE: HPS TITAN ENCAPSULATED TRANSFORMER
NAMEPLATE INFORMATION


3	21/07/16	PP	EDB UPDATE	DES: PPICASSI
2	20/03/17	PP	SEISMIC UPDATE	DATE: 19/01/09
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDB TN2A0003QKKA

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THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.



POWER SOLUTIONS
Guelph, ONT Compton, CA Baraboo, WI Monterrey, MX

HPS Titan™ N
Dry Type Encapsulated Transformer
Transformateur de Type Sec Encapsulé

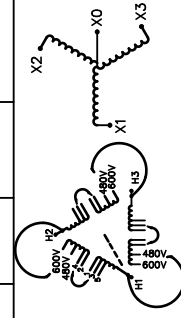
Part No. **TN2A0003QKKA**



UL LISTED
31GW E258346
GENERAL PURPOSE TRANSFORMER FOR USE IN HAZARDOUS LOCATIONS

Cust. Ref. Ref. du Client		Serial No. No. de Serie		HV/HT	480V/600V	2.9A
Phase	3	BIL	HZQT	10 kV		
Type		Term Bornes	ANC	H1 H2 H3		
Cooling Refroidissement		LV/BT	3	480Y/277V	3.6A	
kVA		BIL	80 °C	10 kV		
Temp. Rise Echauffement		Term Bornes	130 °C	X0 X1 X2 X3		
Temp Class Classe Temp		Winding Enroulement	CU			
Frequency Hz	60	Frequency Hz				
Impedance % @ 100 °C	3.0	Impedance % @ 100 °C				
Encl. Type Type de Coffrage	4	Encl. Type Type de Coffrage				
Weight Poids	50 lbs	Weight Poids				

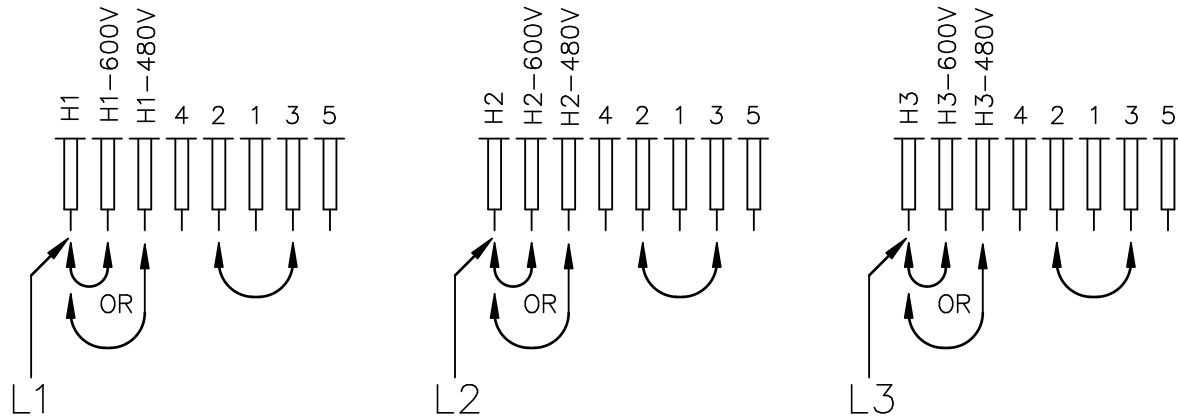
VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE	HAZARDOUS LOCATIONS CLASS 1, DIV 2 GROUPS A, B, C & D TEMPERATURE CODE: T3C
504	3.4	105	1-2	HAZARDOUS LOCATIONS CLASS 1, ZONE 2 GROUPS IIC, T3 ELECTROSTATIC SHIELD
480	3.6	100	2-3	
456	3.8	95	3-4	
432	4.0	90	4-5	
624	2.8	108	1-2	
600	2.9	104	2-3	
575	3.0	100	3-4	
552	3.1	96	4-5	



WARNING - EXPLOSION HAZARD. DO NOT DISCONNECT EQUIPMENT WHILE THE CIRCUIT IS LIVE OR UNLESS THE AREA IS FREE OF IGNITABLE CONCENTRATIONS.
AVERTISSEMENT : RISQUE D'EXPLOSION. NE PAS D'BRANCHER PENDANT QUE LE CIRCUIT EST SOUS TENSION OU MOINS QUE L'EMPLACEMENT NE SOIT EXEMPT DE CONCENTRATIONS INFLAMMABLES.
SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=0 Ip=1.5

000200bq

INPUT (HV) WINDING CONNECTIONS



Rated Voltage	Connect	Input Line Connection	TAP CONNECTIONS		
			Tap %	Tap Voltage	Tap Connection
600V	H1 to H1-600V	H1	104	624V	1 to 2
	H2 to H2-600V	H2	100	600V	2 to 3
	H3 to H3-600V	H3	96	576V	3 to 4
			92	552V	4 to 5

Rated Voltage	Connect	Input Line Connection	TAP CONNECTIONS		
			Tap %	Tap Voltage	Tap Connection
480V	H1 to H1-480V	H1	105	504V	1 to 2
	H2 to H2-480V	H2	100	480V	2 to 3
	H3 to H3-480V	H3	95	456V	3 to 4
			90	432V	4 to 5



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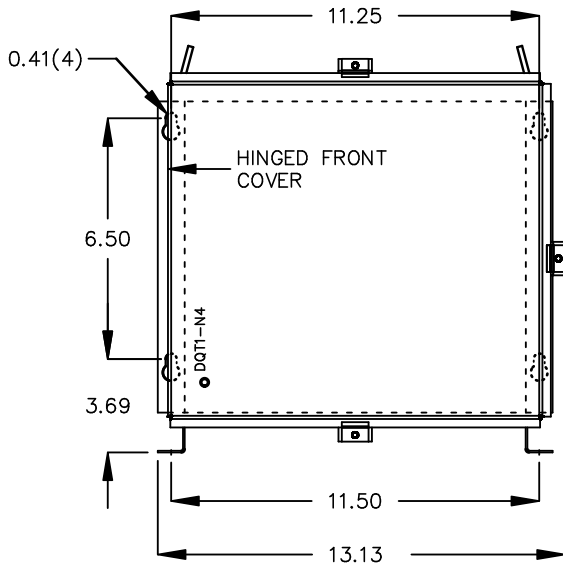
SHEET 2 OF 3

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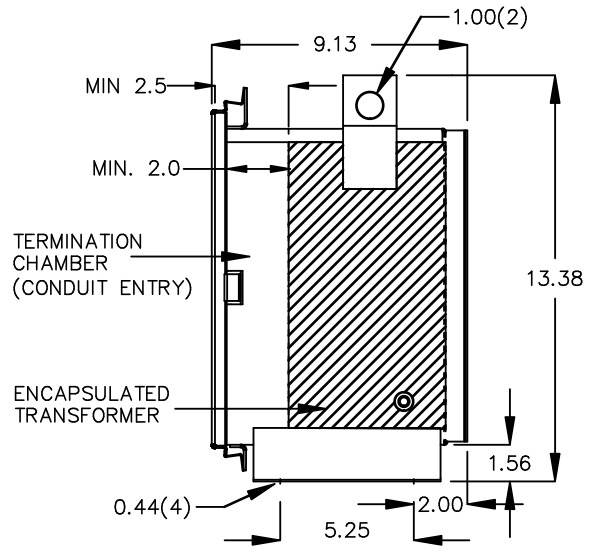
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FRONT VIEW



All Dimensions in inches

SIDE VIEW



ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

#14 AWG STRANDED COPPER
WIRE LEADS

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WIRE LEADS

CUSTOMER NOTES:

- HV1 TERMINATED AT BOTTOM FRONT
- LV1 TERMINATED AT TOP FRONT



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