



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 TN2A0002QKKA

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

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

Part No. **TN2A0002QKKA**

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

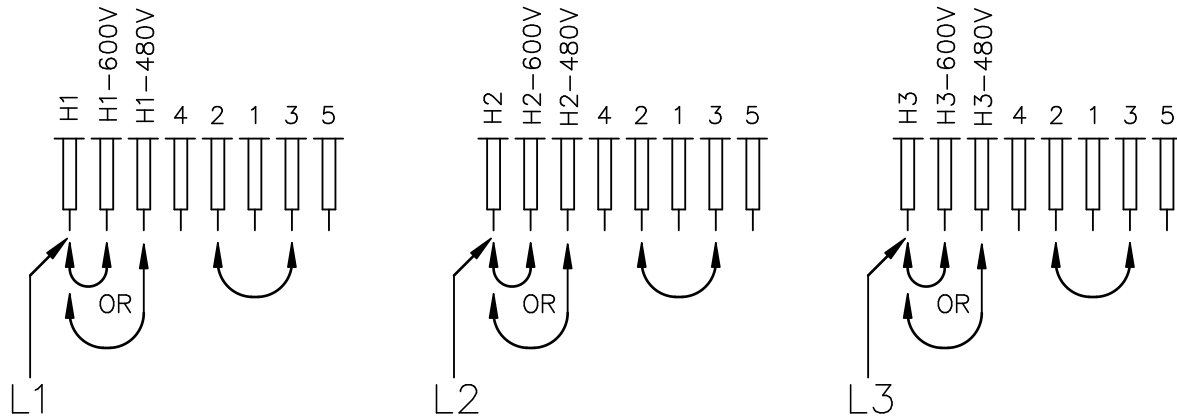
Cust. Ref. Ref. du Client		Serial No. No. de Serie		HV/HT	480V/600V	1.9A
Phase	3	BIL	HZQT	10 kV		
Type		Term Bornes	ANC	H1 H2 H3		
Cooling Refroidissement		kVA	2	480Y/277V	2.4A	
Temp. Rise Echauffement	80 °C	Temp Class Classe Temp	130 °C	10 kV		
Winding Enroulement	CU	Temp Class Classe Temp	130 °C	X0 X1 X2 X3		
Frequency Hz	60					
Impedance % @ 100 °C	4.6					
Encl. Type Type de Coffrage	4					
Weight Poids	50 lbs					

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 HAZARDOUS LOCATIONS CLASS 1, ZONE 2 GROUPS IIC, T3 ELECTROSTATIC SHIELD
504	2.3	105	1-2	
480	2.4	100	2-3	
456	2.5	95	3-4	
432	2.7	90	4-5	
624	1.8	104	1-2	
600	1.9	100	2-3	
576	2.0	96	3-4	
552	2.1	92	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

d000200bq

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



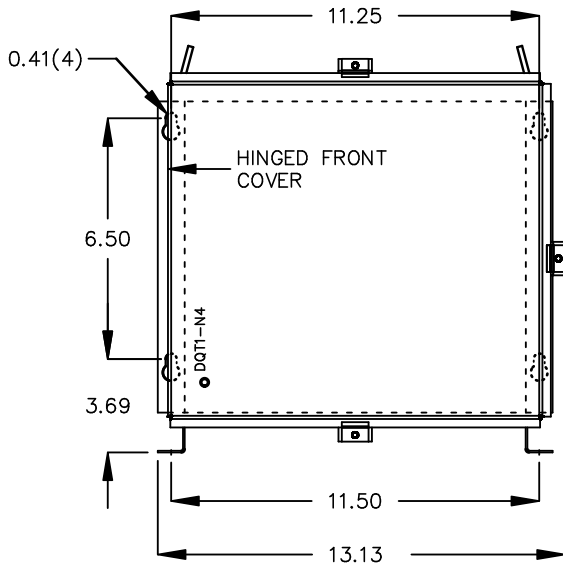
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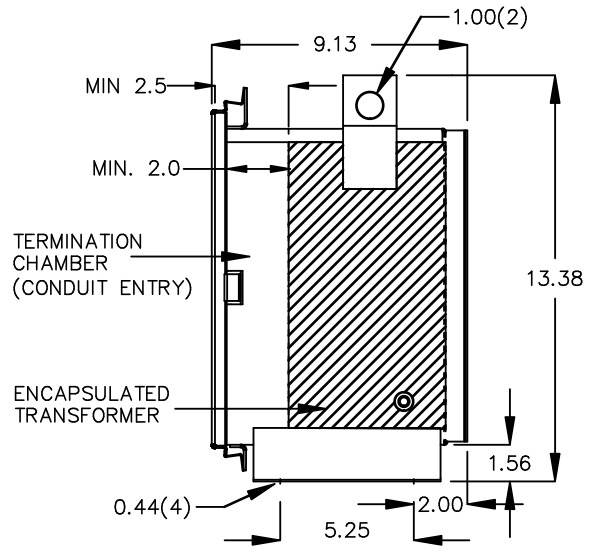
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FRONT VIEW



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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CUSTOMER NOTES:

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



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