



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	SCALE:
2	21/07/16	PP	EDB UPDATE	DES: PPICASSI
1	20/03/17	PP	SEISMIC UPDATE	DATE: 19/01/09
				NTS

SHEET 1 OF 2

EDB TN2A0045PBKF

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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. **TN2A0045PBKF**

**UL** US LISTED  
31GW E258346  
GENERAL PURPOSE TRANSFORMER FOR USE IN HAZARDOUS LOCATIONS BUILT TO ABS STANDARD



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Cust. Ref. Ref. du Client	Serial No. No. de Serie	VOLTS	% RATED VOLTAGE % TENSION NOMINALE	CURRENT COURANT	CONNECTION EACH PHASE CONNEXION PAR PHASE	HAZARDOUS LOCATIONS CLASS 1, DIV 2 GROUPS A, B, C & D TEMPERATURE CODE: T3A
3	HV/HT	600V	105	41.2	1	HAZARDOUS LOCATIONS CLASS 1, ZONE 2 GROUPS IIC, T3
HzQT	BIL	10 kV	102.5	42.2	2	SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES ELECTROSTATIC SHIELD
ANC	Term Bornes	H1 H2 H3	100	43.3	3	
45	LV/BT	208Y/120V 124.9A	97.5	44.4	4	
115 °C	BIL	10 kV	95	45.6	5	
180 °C	Term Bornes	X0 X1 X2 X3	92.5	46.8	6	
CU			90	48.1	7	
60						
2						
4						
640 lbs						

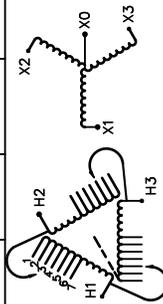


Diagram showing terminal connections: H1, H2, H3, X0, X1, X2, X3.

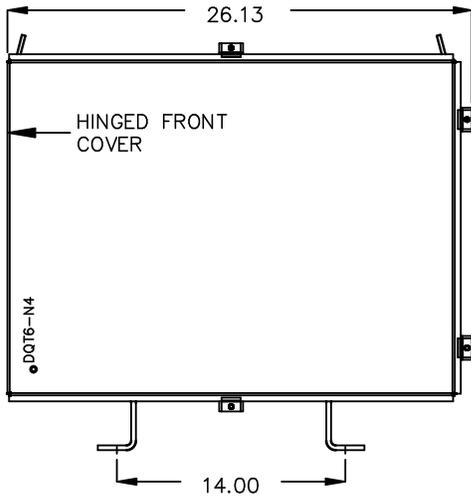
**WARNING - EXPLOSION HAZARD. DO NOT DISCONNECT EQUIPMENT WHILE THE CIRCUIT IS LIVE OR UNLESS THE AREA IS FREE OF IGNITABLE CONCENTRATIONS.**  
**AVERTISSEMENT : RISQUE D'EXPLOSION. NE PAS DÉBRANCHER PENDANT QUE LE CIRCUIT EST SOUS TENSION OU A MOINS QUE L'EMPLACEMENT NE SOIT EXEMPT DE CONCENTRATIONS INFLAMMABLES.**

SEISMIC QUALIFICATIONS:  
 OSP=0136/IBC 201B/ASCE 7-16  
 SDS<=2.0g Z/h=1 p=1.5

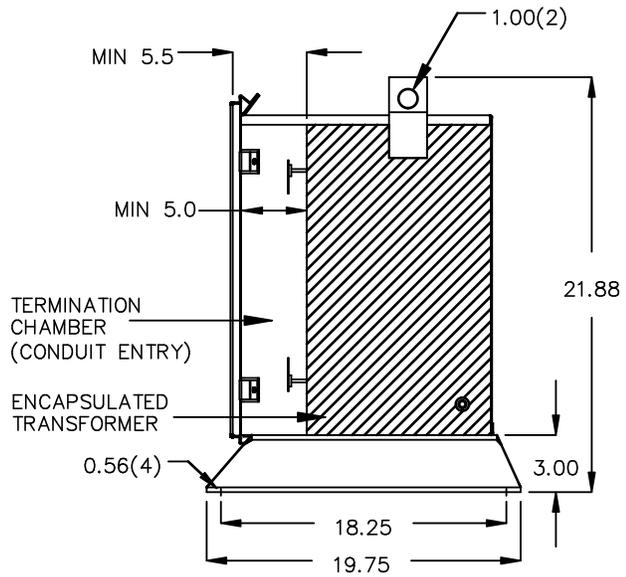
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THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW



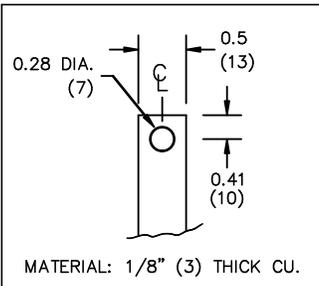
SIDE VIEW



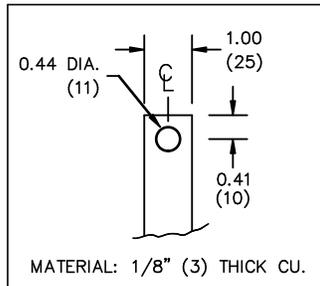
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT BOTTOM FRONT
- LV TERMINATED AT TOP FRONT



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