



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: 19/07/29
				SCALE: NTS

SHEET 1 OF 2

EDB TN2D0030KDKF

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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

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

Cust. Ref. [ ] Serial No. [ ]  
 Ref. du Client [ ] No. de Serie [ ]  
 Phase 3 HV/HT 480V 36.1A  
 Type HZQT BIL 10 kV  
 Cooling Refroidissement ANC Term Bornes H1 H2 H3  
 kVA 30 LV/BT 240V 72.2A  
 Temp. Rise Echauffement 115 °C BIL 10 kV  
 Temp Class Classe Temp 180 °C Term Bornes X1 X2 X3  
 Winding Enroulement CU  
 Frequency Hz 60  
 Impedance % @ 135 °C 2  
 Encl. Type Type de Coffrage 4  
 Weight Poids lbs 470

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
504	34.4	105	1
480	35.2	102.5	2
468	36.1	100	3
456	37.0	97.5	4
444	38.0	95	5
432	39.0	92.5	6
	40.1	90	7

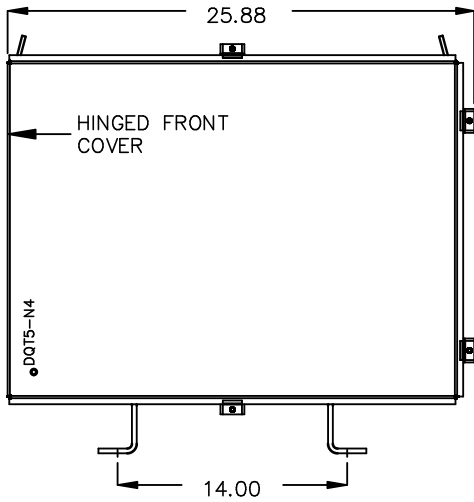
HAZARDOUS LOCATIONS CLASS 1, DIV 2 GROUPS A, B, C & D TEMPERATURE CODE: T3A  
 HAZARDOUS LOCATIONS CLASS 1, ZONE 2 GROUPS IIC, T3  
 SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES ELECTROSTATIC SHIELD

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.

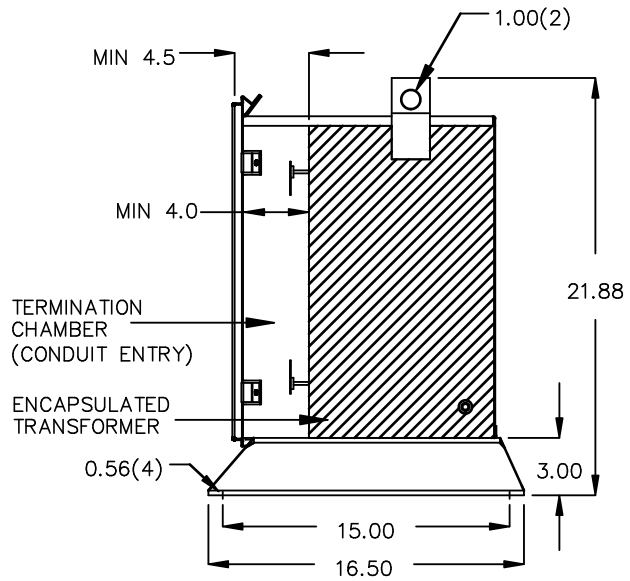
SEISMIC QUALIFICATIONS:  
 OSP=0136/IBC 2018/ASCE 7-16  
 SDS<=2.0g Z/h=1 p=1.5

0000200bq

FRONT VIEW



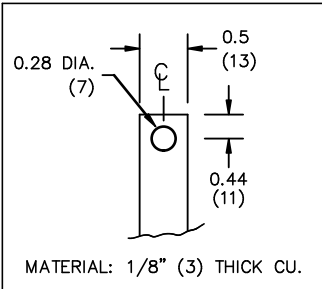
SIDE VIEW



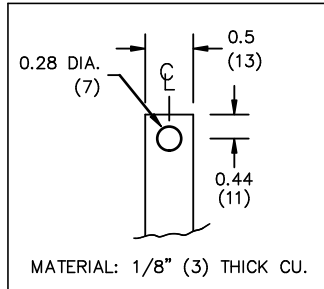
All Dimensions in inches

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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