



- IMPEDANCE SHOWN IS CALCULATED VALUE - NOT GUARANTEED  
 - SERIAL NUMBER AND TESTED IMPEDANCE WILL BE SHOWN ON TRANSFORMER NAMEPLATE

d000200bq



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

**HPS Titan™ N**  
 Dry Type Encapsulated Transformer  
 Transformateur de Type Sec Encapsul



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

Cust. Ref. [ ] Serial No. [ ]  
 Ref. du Client [ ] No. de Serie [ ]

Phase 3 HV/HT 480V 54.1A

Type HZQT BIL 10 kV

Cooling ANC Term Bornes H1 H2 H3

kVA 45 LV/BT 240V 108.3A

Temp. Rise 115 °C BIL 10 kV

Temp Class 180 °C Term Bornes X1 X2 X3

Winding CU

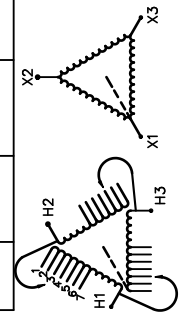
Frequency 60

Impedance % 2.1

Encl. Type 4

Weight lbs/kg 661/300

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: T3A
504	51.5	105	1	HAZARDOUS LOCATIONS CLASS 1, ZONE 2 GROUPS IIC, T3
480	52.8	102.5	2	SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES ELECTROSTATIC SHIELD
468	54.1	100	3	
456	55.5	97.5	4	
444	57.0	95	5	
432	58.5	92.5	6	
	60.1	90	7	



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 MONS QUE L'EMPLACEMENT NE SOIT EXEMPT DE CONCENTRATIONS INFLAMMABLES.

SEISMIC QUALIFICATIONS:  
 OSP=0.136/IBC 2018/ASCE 7-16  
 SDS<=2.0g Z/h=1 p=1.5



TITLE:		3PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION	
NO.	DATE	BY	REVISION

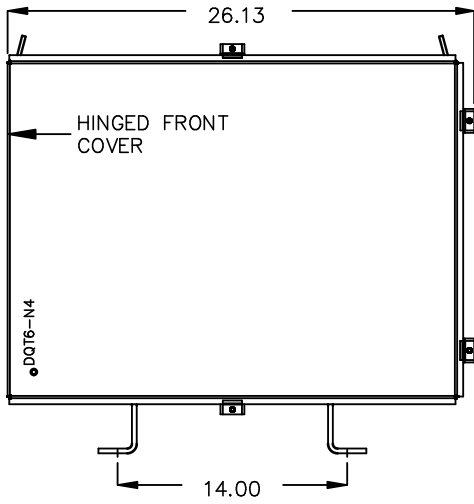
SHEET 1 OF 2

DES: PGAUETR  
 DATE: 22/09/07  
 SCALE: NTS

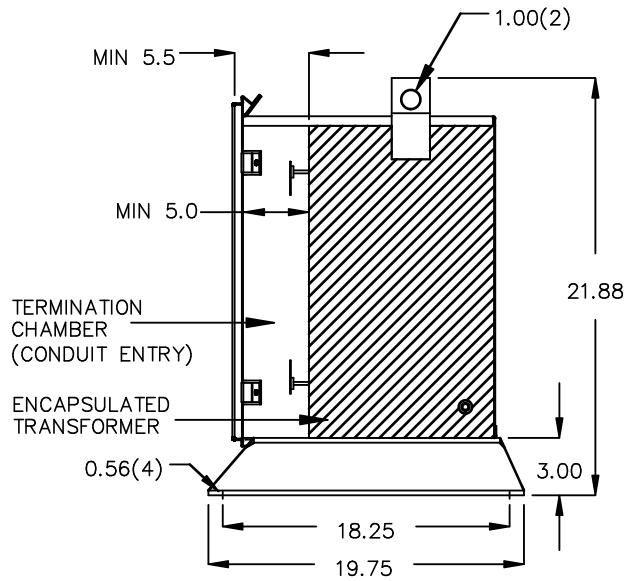
EJB TN2D0045KDKF

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

FRONT VIEW



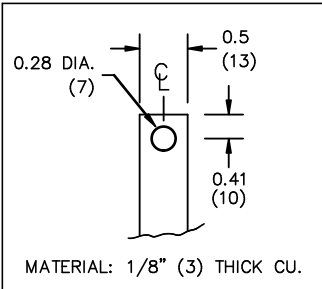
SIDE VIEW



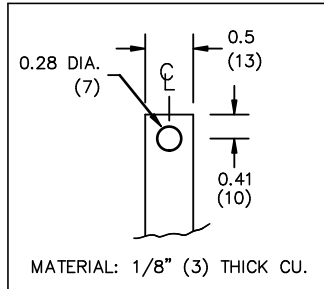
All Dimensions in inches

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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SHEET 2 OF 2

EDB TN2D0045DKF

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