



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	SCALE:
4	21/07/16	PP	EDB UPDATE	NTS
3	20/03/17	PP	SEISMIC UPDATE	

SHEET 1 OF 3

EDB TN2A0009QKKF

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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. **TN2A0009QKKF**



31GW E258346  
GENERAL PURPOSE TRANSFORMER FOR USE IN HAZARDOUS LOCATIONS

Serial No. [ ]  
No. de Serie [ ]

Phase 3

Type HZQT

Cooling Refroidissement ANC

kVA 9

Temp. Rise Echauffement 115 °C

Temp Class Classe Temp 180 °C

Winding Enroulement CU

Frequency Hz 60

Impedance % @ 135 °C 2.5

Encl. Type Type De Coffrage 4

Weight Poids lbs 205

HV/HT 480V/600V 10.8A/8.7A

BIL 10 kV

Term Bornes H1 H2 H3

LV/BT 480Y/277V 10.8A

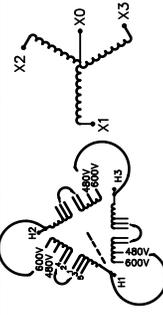
BIL 10 kV

Term Bornes X0 X1 X2 X3

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
624	8.3	104	1-2	HAZARDOUS LOCATIONS CLASS 1, ZONE 2 GROUPS IIC, T3
600	8.7	100	2-3	SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 1 INCHES ELECTROSTATIC SHIELD
576	9.0	96	3-4	
552	9.4	92	4-5	
504	10.3	105	1-2	
480	10.8	100	2-3	
456	11.4	95	3-4	
432	12.0	90	4-5	

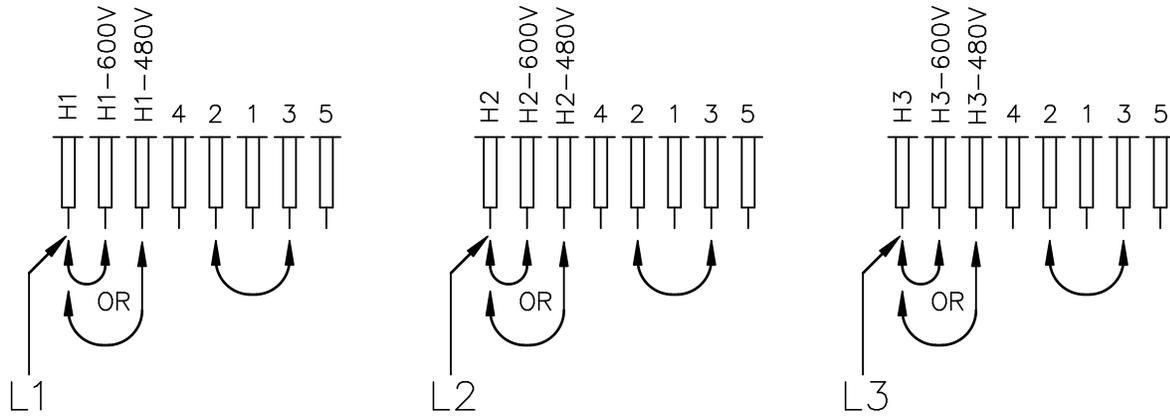
WARNING - EXPLOSION HAZARD. DO NOT DISCONNECT EQUIPMENT WHILE THE CIRCUIT IS LIVE OR UNLESS THE AREA IS FREE OF IGNITABLE CONCENTRATIONS. AVERTISSEMENT : RISQUE D'EXPLOSION. NE PAS D BRANCHER PENDANT QUE LE CIRCUIT EST SOUS TENSION OU MOINS QUE L'EMPLACEMENT NE SOIT EXEMPT DE CONCENTRATIONS INFLAMMABLES.

SEISMIC QUALIFICATIONS:  
OSP=0.136/IBC 2018/ASCE 7-16  
SDS<=2.0g Z/h=1 p=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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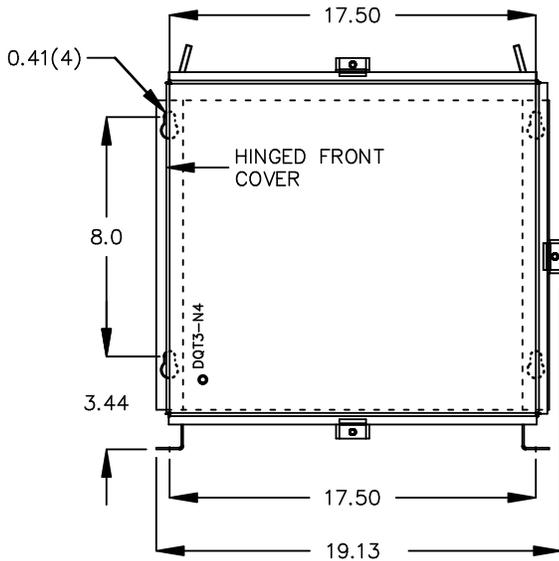
SHEET 2 OF 3

EDB TN2A0009QKKE

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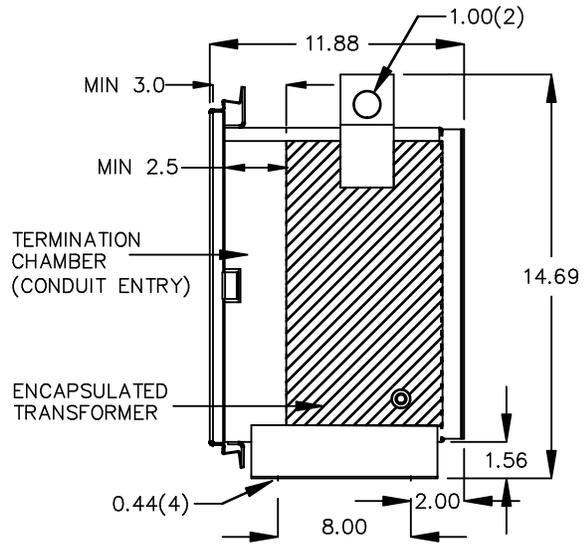
THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW



All Dimensions in inches

SIDE VIEW



ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

#14 AWG STRANDED COPPER  
WIRE LEADS

#14 AWG STRANDED COPPER  
WIRE LEADS

CUSTOMER NOTES:

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



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