hammond POWER SOLUTIONS

HPS Titan™ N

Dry Type Encapsulated Transformer
Transformateur de Type Sec Encapsul

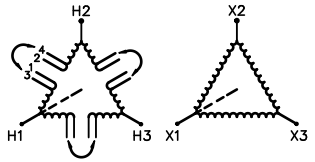
Guelph, ONT
Compton, CA
Baraboo, WI
Monterrey, MX

Part No. TN2D0003PDKA

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

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	3	HV/HT	600V 3.6
Type	HZQT	BIL	10 kV
Cooling / Refroidissement	ANC	Term / Bornes	H1 H2 H3
kVA	3	LV/BT	240V 7.2A
Temp. Rise / Echauffement	80 °C	BIL	10 kV
Temp Class / Classe Temp	130 °C	Term / Bornes	X1 X2 X3
Winding / Enroulement	CU		
Frequency / Frequence Hz	60		
Impedance % @ 100 °C	3.6		
Encl Type / Type De Coffrage	4		
Weight / Poids lbs/kg	68/31		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
630	2.8	105	1–2
600	2.9	100	2–3
570	3.0	95	3–4



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

TEMPERATURE CLASSIFICATION: T3C

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–0136/IBC 2018/ASCE 7–16
SDS<=2.0g Z/h=1 Ip=1.5

bq0020bq

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION

SCALE: NTS
DATE: 25/06/27
DES: LCEN

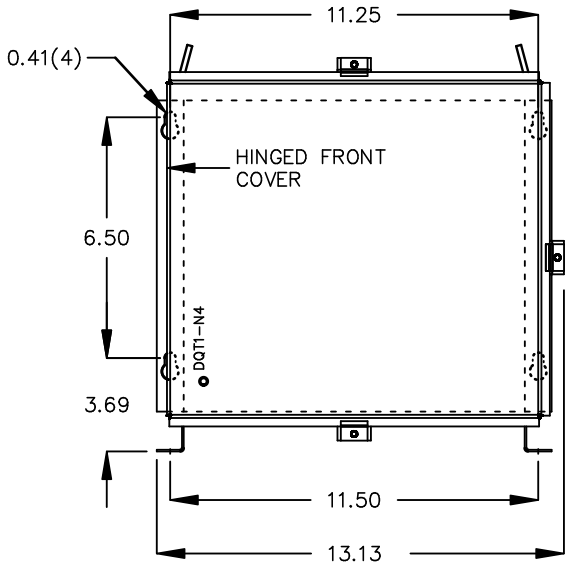
SHEET 1 OF 2

EDB TN2D0003PDKA

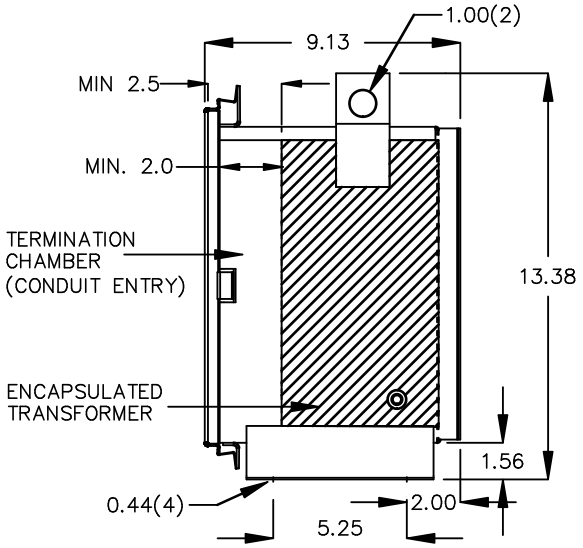
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THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW



SIDE VIEW



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

#14 AWG STRANDED COPPER WIRE LEADS

L.V.1. TERMINAL DETAIL

#14 AWG STRANDED COPPER WIRE LEADS

CUSTOMER NOTES:
- HV1 TERMINATED AT BOTTOM FRONT
- LV1 TERMINATED AT TOP FRONT

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