hammond POWER SOLUTIONS

HPS Titan™ N

Dry Type Encapsulated Transformer
Transformateur de Type Sec Encapsul

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

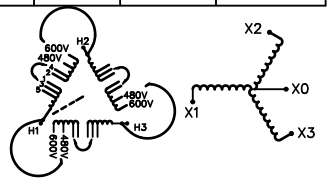
Part No. TN2A0003QKKA

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

8 03423 15232 1

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	3	HV/HT	480V/600V 2.9A
Type	HZQT	BIL	10 kV
Cooling / Refroidissement	ANC	Term / Bornes	H1 H2 H3
kVA	3	LV/BT	480Y/277V 3.6A
Temp. Rise / Echauffement	80 °C	BIL	10 kV
Temp Class / Classe Temp	130 °C	Term / Bornes	X0 X1 X2 X3
Winding / Enroulement	CU		
Frequency / Frequence Hz	60		
Impedance % @ 100 °C	3.0		
Encl Type / Type De Coffrage	4		
Weight / Poids lbs	50		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
504	3.4	105	1–2
480	3.6	100	2–3
456	3.8	95	3–4
432	4.0	90	4–5
624	2.8	108	1–2
600	2.9	104	2–3
575	3.0	100	3–4
552	3.1	96	4–5



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

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:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=0 Ip=1.5

d0002004

TITLE: HPS TITAN ENCAPSULATED TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
3	21/07/16	PP	EDB UPDATE
2	20/03/17	PP	SEISMIC UPDATE

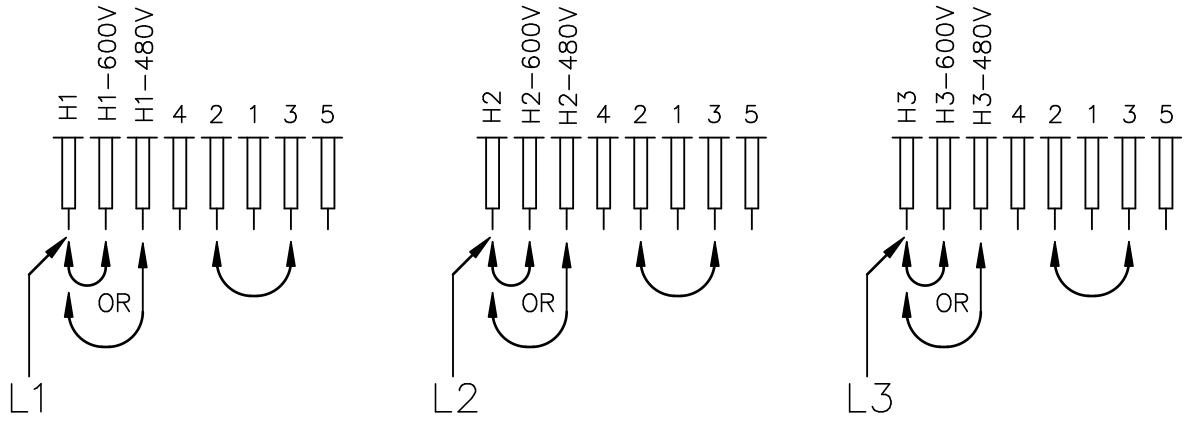
SCALE: NTS
DATE: 19/01/09
DES.: PPICASSI

SHEET 1 OF 3

EDB TN2A0003QKKA

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

INPUT (HV) WINDING CONNECTIONS



Rated Voltage	Connect	Input Line Connection	TAP CONNECTIONS		
			Tap %	Tap Voltage	Tap Connection
600V	H1 to H1–600V H2 to H2–600V H3 to H3–600V	H1 H2 H3	104	624V	1 to 2
			100	600V	2 to 3
			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 H2 to H2–480V H3 to H3–480V	H1 H2 H3	105	504V	1 to 2
			100	480V	2 to 3
			95	456V	3 to 4
			90	432V	4 to 5

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

3.0 https 2026/11/05 20:26

hammond POWER SOLUTIONS

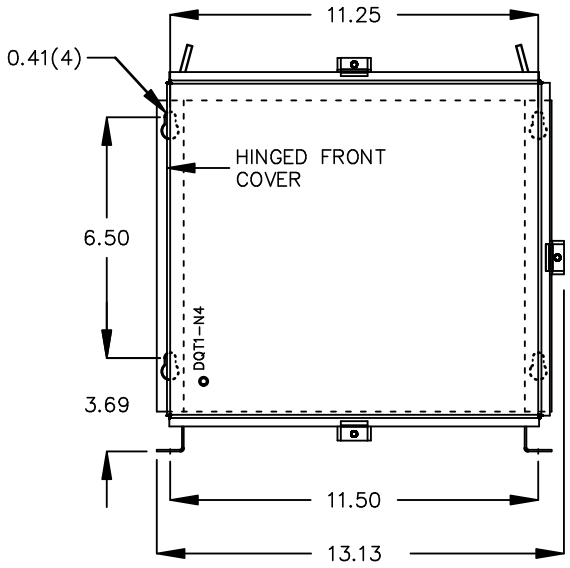
TITLE: HPS TITAN ENCAPSULATED TRANSFORMER

NO.	DATE	BY	REVISION	SCALE: NTS
3	21/07/16	PP	EDB UPDATE	DES: PPICASSI
2	20/03/17	PP	SEISMIC UPDATE	DATE: 19/01/09

SHEET 2 OF 3

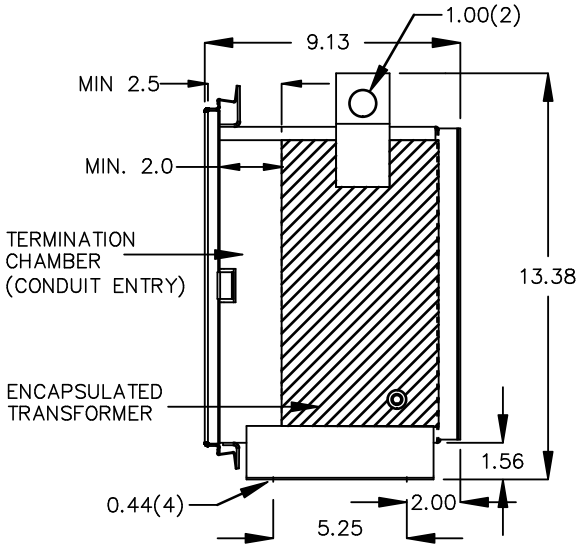
EDB TN2A0003QKKA

FRONT VIEW



All Dimensions in inches

SIDE VIEW



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

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

3.0 httpd 2026/11/05 20:26

hammond POWER SOLUTIONS

TITLE: HPS TITAN ENCAPSULATED TRANSFORMER

NO.	DATE	BY	REVISION	
3	21/07/16	PP	EDB UPDATE	DES: PPICASSI
2	20/03/17	PP	SEISMIC UPDATE	DATE: 19/01/09
				SCALE: NTS

SHEET 3 OF 3

EDB TN2A0003QKKA