hammond POWER SOLUTIONS

HPS Titan™ N

Dry Type Encapsulated Transformer
Transformateur de Type Sec Encapsul

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

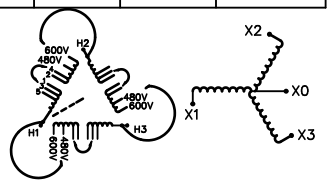
Part No. TN2A0009QKKF

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

8 03423 15138 6

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	3	HV/HT	480V/600V 10.8A/8.7A
Type	HZQT	BIL	10 kV
Cooling / Refroidissement	ANC	Term / Bornes	H1 H2 H3
kVA	9	LV/BT	480Y/277V 10.8A
Temp. Rise / Echauffement	115 °C	BIL	10 kV
Temp Class / Classe Temp	180 °C	Term / Bornes	X0 X1 X2 X3
Winding / Enroulement	CU		
Frequency / Frequence Hz	60		
Impedance % @ 135 °C	2.5		
Encl Type / Type De Coffrage	4		
Weight / Poids lbs	205		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
624	8.3	104	1–2
600	8.7	100	2–3
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



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 1 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 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

d0002004

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TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

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

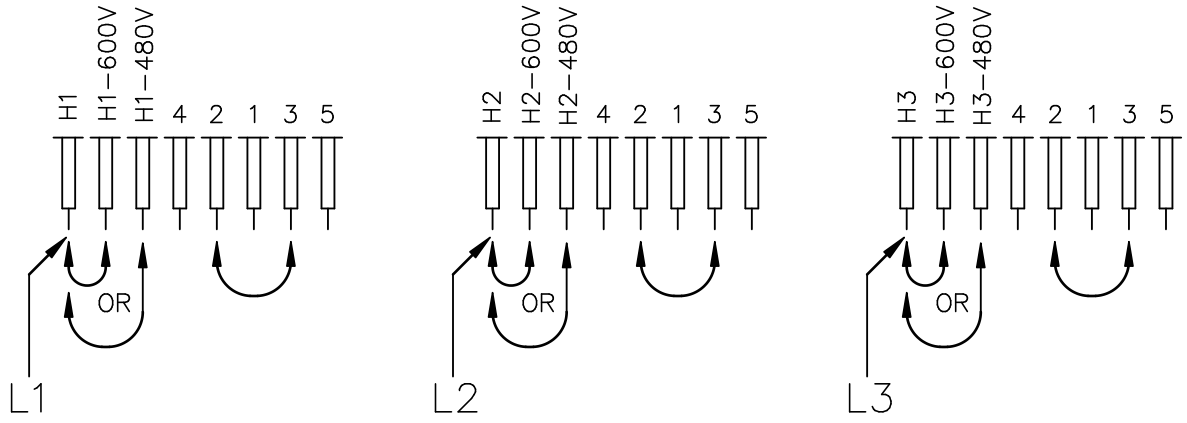
SCALE: NTS
DATE: 19/01/09
DES.: PPICASSI

SHEET 1 OF 3

EDB TN2A0009QKKF

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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

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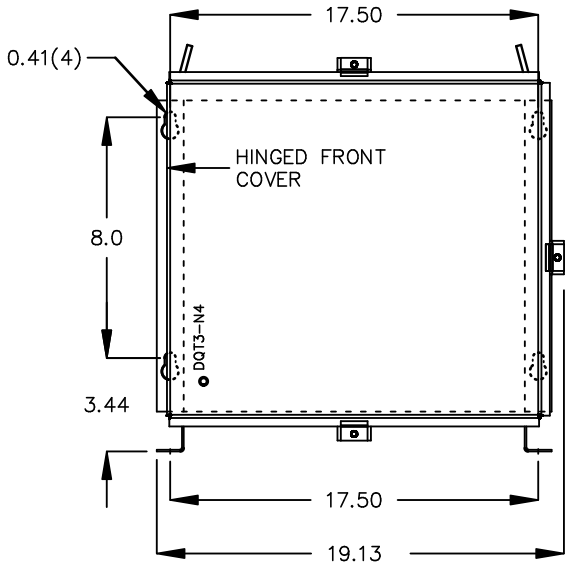
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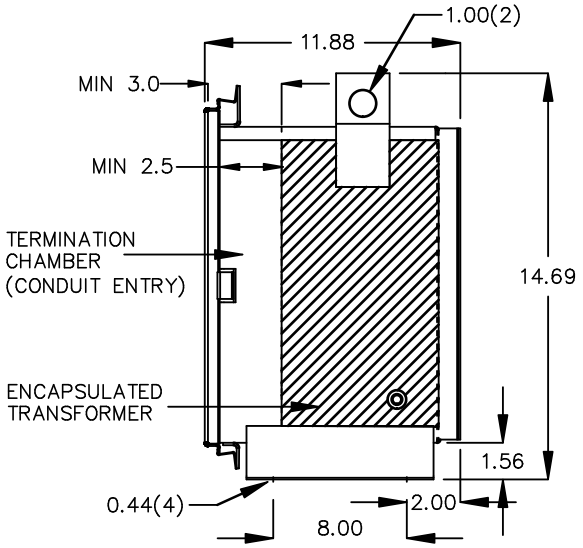
SHEET 2 OF 3

EDB TN2A0009QKKF

FRONT VIEW



SIDE VIEW



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

#14 AWG STRANDED COPPER WIRE LEADS

LV TERMINAL DETAIL

#14 AWG STRANDED COPPER WIRE LEADS

CUSTOMER NOTES:
- HV TERMINATED AT BOTTOM FRONT
- LV TERMINATED AT TOP FRONT

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SHEET 3 OF 3

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