hammond POWER SOLUTIONS

HPS Titan™ N

Dry Type Encapsulated Transformer
Transformateur de Type Sec Encapsul

Guelph, ONT
Compton, CA

Baraboo, WI
Monterrey, MX

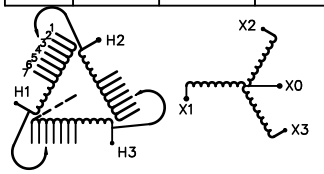
Part No. TN2A0030KHKF

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

8 03423 15120 1

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	3	HV/HT	480V 36.1A
Type	HZQT	BIL	10 kV
Cooling / Refroidissement	ANC	Term / Bornes	H1 H2 H3
kVA	30	LV/BT	400Y/231V 43.3A
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	2.1		
Encl Type / Type De Coffrage	4		
Weight / Poids lbs/kg	480/218		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
504	34.4	105	1
492	35.2	102.5	2
480	36.1	100	3
468	37.0	97.5	4
456	38.0	95	5
444	39.0	92.5	6
432	40.1	90	7



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 3 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

dd0002004

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NO.	DATE	BY	REVISION

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

SCALE: NTS
DATE: 23/04/27
DES.: PPICASSI

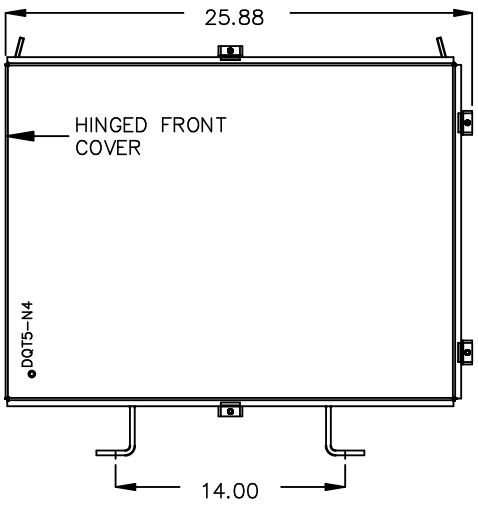
SHEET 1 OF 2

EDB TN2A0030KHKF

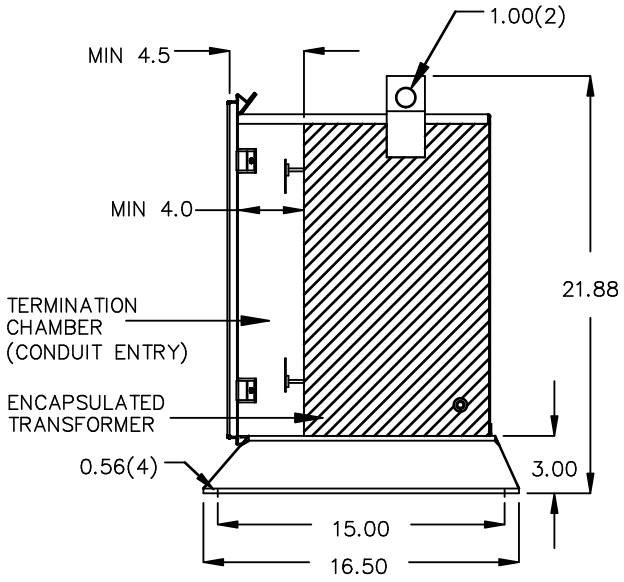
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THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW



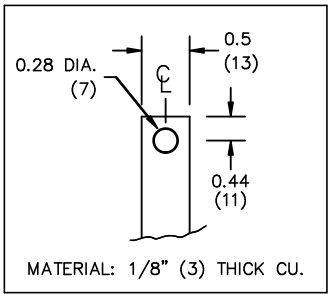
SIDE VIEW



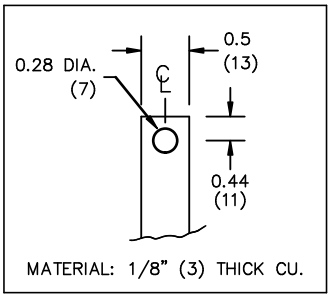
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

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 TN2A003OKHKF