hammond POWER SOLUTIONS

HPS Titan™ N

Dry Type Encapsulated Transformer
Transformateur de Type Sec Encapsul

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

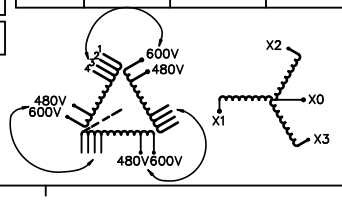
Part No. TN2A0045QKKF

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

8 03423 15141 6

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	3	HV/HT	480V/600V 54.1/43.3A
Type	HZQT	BIL	10 kV
Cooling / Refroidissement	ANC	Term / Bornes	H1 H2 H3
kVA	45	LV/BT	480Y/277V 54.1A
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	1.6		
Encl Type / Type De Coffrage	4		
Weight / Poids lbs/kg	690/313		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
624	41.6	104	600V–1
600	43.3	100	600V–2
576	45.1	96	600V–3
552	47.1	92	600V–4
504	51.5	105	480V–1
480	54.1	100	480V–2
456	57.0	95	480V–3
432	60.1	90	480V–4



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

d0002004

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TITLE: 3PH DISTRIBUTION 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

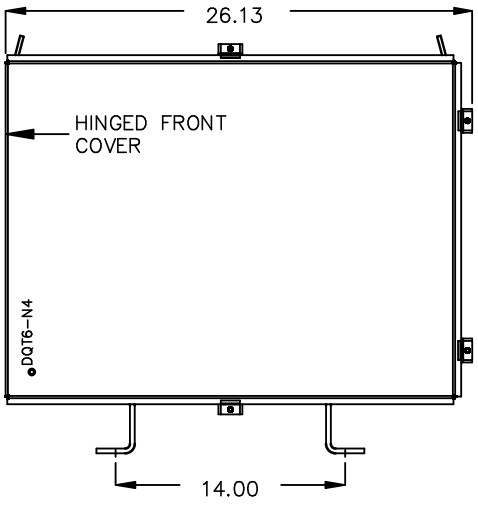
SHEET 1 OF 2

EDB TN2A0045QKKF

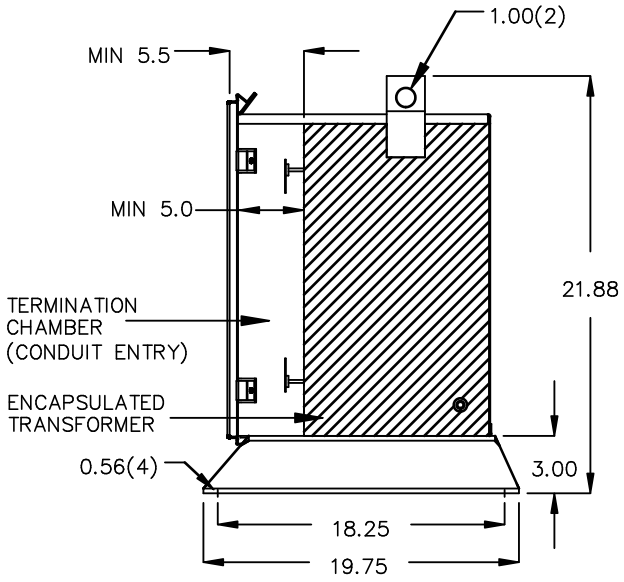
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FRONT VIEW



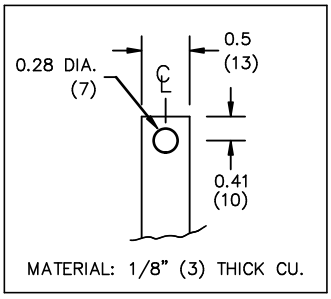
SIDE VIEW



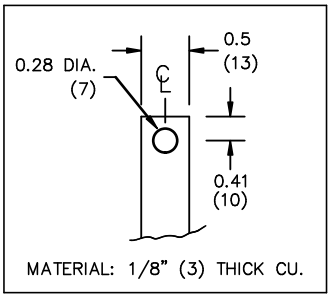
All Dimensions in inches

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

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