hammond POWER SOLUTIONS

595 Southgate Drive
Guelph ON, N1G 3W6

HPS Titan™ X

Dry Type Encapsulated Transformer
Transformateur de Type Sec Encapsulé

Part No. TX2A0045KBKF

CE II 3G
DEMKO 21 ATEX 2235X
IECEx UL 21.0116X
Ex ec IIC T3 Gc

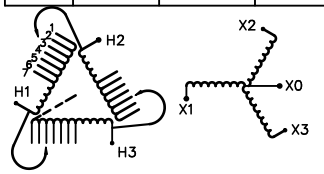
UL21UKEX2340X

YEAR OF MFG:
ABS CERT.#:

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	3	HV/HT	480V 54.1A
Type	–	BIL	10 kV
Cooling / Refroidissement	AN	Term / Bornes	H1 H2 H3
kVA	45	LV/BT	208Y/120V 125A
Temp. Rise / Echauffement	115 °C	BIL	10 kV
Temp Class / Classe Temp	180 °C	Term / Bornes	X0 X1 X2 X3
Winding / Enroulement	CU		−25° C<=Tamb<=+40° C
Frequency / Frequence Hz	60		
Impedance % @ 135 °C	2		
Encl Type / Type De Coffrage	IP66		
Weight / Poids lbs/kg	640/291		

Made in Mexico

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
504	51.5	105	1
492	52.8	102.5	2
480	54.1	100	3
468	55.5	97.5	4
456	57.0	95	5
444	58.5	92.5	6
432	60.1	90	7



HAZARDOUS LOCATIONS CLASS 1, ZONE 2
GROUP IIC, T3

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES ELECTROSTATIC SHIELD

ABS TYPE APPROVAL CERTIFICATE NO. 21-2107547-PDA

WARNING/ATTENTION:
- EXPLOSION HAZARD. DO NOT DISCONNECT EQUIPMENT WHILE THE CIRCUIT IS LIVE OR UNLESS THE AREA IS FREE OF IGNITABLE CONCENTRATIONS.
- POTENTIAL ELECTROSTATIC CHARGING HAZARD. REFER THE INSTALLATION MANUAL.
- RISQUE DêEXPLOSION. NE PAS DÉBRANCHER PENDANT QUE LE CIRCUIT EST SOUS TENSION OU À MOINS QUE LêEMPLACEMENT NE SOIT EXEMPT DE CONCENTRATIONS INFLAMMABLES.
- DANGER POTENTIEL DE CHARGE ÉLECTROSTATIQUE SE RÉFÉRER AU MANUEL D'INSTALLATION

SEISMIC QUALIFICATIONS:
OSP-0136/IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=1 Ip=1.5

d0002036d

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TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION

SCALE: NTS
DATE: 25/06/17
DES: AOPPER

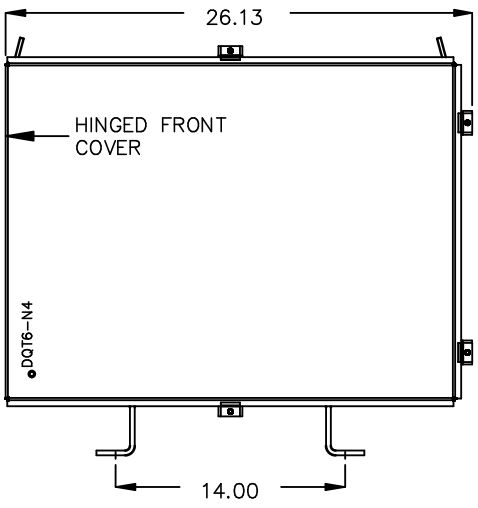
SHEET 1 OF 2

EDB TX2A0045KBKF

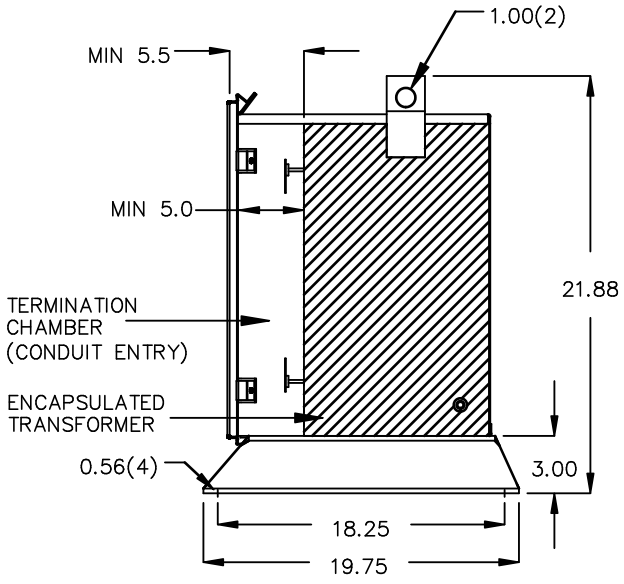
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THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW



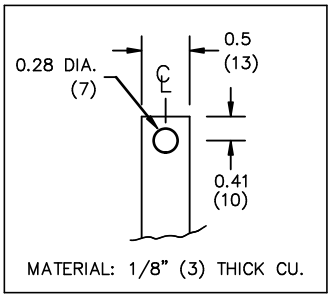
SIDE VIEW



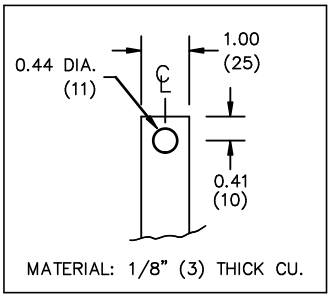
All Dimensions in inches

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

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