



Hammond Power Solutions Inc.

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

2	21/07/16	PP	EDB UPDATE	DES: PPLICASSI
1	20/03/17	PP	SEISMIC UPDATE	DATE: 19/01/09
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 2

EDB TN2A0045KBKF

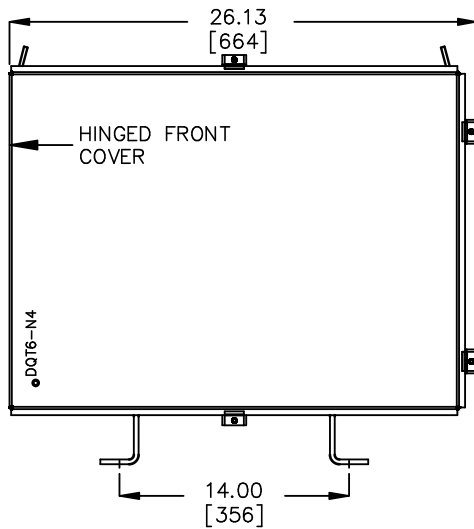
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		Hammond Power Solutions Guelph, ONT Compton, CA		Baraboo, WI Monterrey, MX		HPS Titan™ N Dry Type Encapsulated Transformer Transformateur de Type Sec Encapsulé Part No. TN2A0045KBKF		UL LISTED 31GW E258346 GENERAL PURPOSE TRANSFORMER FOR USE IN HAZARDOUS LOCATIONS ABS PDA CERTIFICATE 19-HSI854283-PDA			
Cust. Ref. Ref. du Client	Serial No. No. de Serie	HV/HT	480V	VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE	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			
Phase	3	BIL	10 kV	504	51.5	105	1				
Type	HZQT	Term Bornes	H1 H2 H3	492	52.8	102.5	2				
Cooling Refroidissement	ANC	LV/BT	208Y/120V 124.9A	480	54.1	100	3				
kVA	45	BIL	10 kV	468	55.5	97.5	4				
Temp. Rise Echauffement	115 °C	Term Bornes	X0 X1 X2 X3	456	57.0	95	5				
Temp Class Classe Temp	180 °C	CU		444	58.5	92.5	6				
Winding Enroulement				432	60.1	90	7				
Frequency Hz	60										
Impedance % @ 135 °C	2										
Encl. Type Type De Coffrage	4										
Weight Poids	640/291										

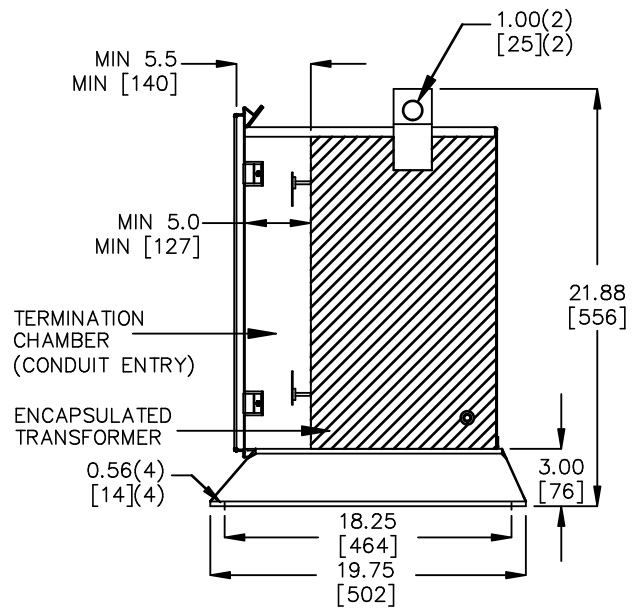
WARNING - EXPLOSION HAZARD. DO NOT DISCONNECT EQUIPMENT WHILE THE CIRCUIT IS LIVE OR UNLESS THE AREA IS FREE OF IGNITABLE CONCENTRATIONS.
AVERTISSEMENT : RISQUE D'EXPLOSION. NE PAS DÉBRANCHER PENDANT QUE LE CIRCUIT EST SOUS TENSION OU À MOINS QUE L'EMPLACEMENT NE SOIT EXEMPT DE CONCENTRATIONS INFLAMMABLES.

SEISMIC QUALIFICATIONS:
OSP—01.36—10/IBC, 2018/ASCE 7—16
SDS<=2.0g Z/h=1 Ip=1.5

FRONT VIEW



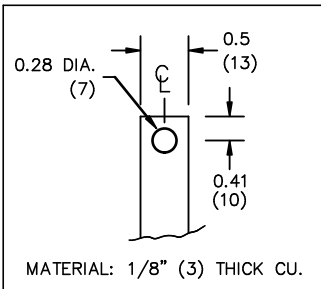
SIDE VIEW



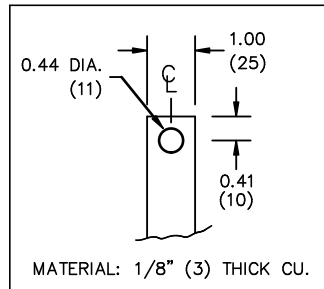
All Dimensions in inches[mm]

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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