



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


1	21/07/16	PP	EDB UPDATE	DES: PPICASSI
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 2

EDB TN2A0045KHKE

1.0 httpd 2026/06/25 03:20


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

HPS Titan™ N
Dry Type Encapsulated Transformer
Transformateur de Type Sec Encapsulé

Part No. **TN2A0045KHKE**

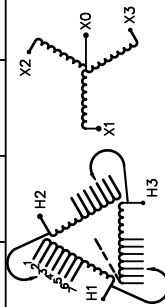


31GW E258346
GENERAL PURPOSE TRANSFORMER FOR USE IN HAZARDOUS LOCATIONS



8 03423 15121 18

Cust. Ref. Ref. du Client		Serial No. No. de Serie		VOLTS	CONNECTION EACH PHASE CONNECTION PAR PHASE	HAZARDOUS LOCATIONS CLASS 1, DIV 2 GROUPS A, B, C & D TEMPERATURE CODE: T3A
Phase	3	HV/HT	480V	504	1	HAZARDOUS LOCATIONS CLASS 1, ZONE 2 GROUPS IIC, T3
Type	HZQT	BIL	10 kV	492	2	SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES ELECTROSTATIC SHIELD
Cooling Refroidissement	ANC	Term Bornes	H1 H2 H3	480	3	
kVA	45	LV/BT	400Y/231V 65.0A	468	4	
Temp. Rise Echauffement	115 °C	BIL	10 kV	456	5	
Temp Class Classe Temp	180 °C	Term Bornes	X0 X1 X2 X3	444	6	
Winding Enroulement	CU			432	7	
Frequency Hz	60					
Impedance % @ 135 °C	2					
Encl. Type Type de Coffrage	4					
Weight Poids	625					

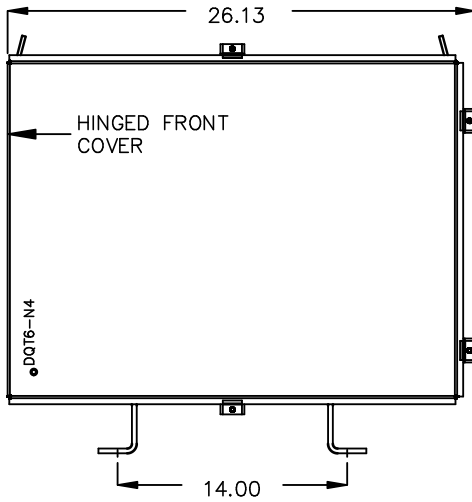


WARNING - EXPLOSION HAZARD. DO NOT DISCONNECT EQUIPMENT WHILE THE CIRCUIT IS LIVE OR UNLESS THE AREA IS FREE OF IGNITABLE CONCENTRATIONS.
AVERTISSEMENT : RISQUE D'EXPLOSION. NE PAS D BRANCHER PENDANT QUE LE CIRCUIT EST SOUS TENSION OU MOINS QUE L'EMPLACEMENT NE SOIT EXEMPT DE CONCENTRATIONS INFLAMMABLES.

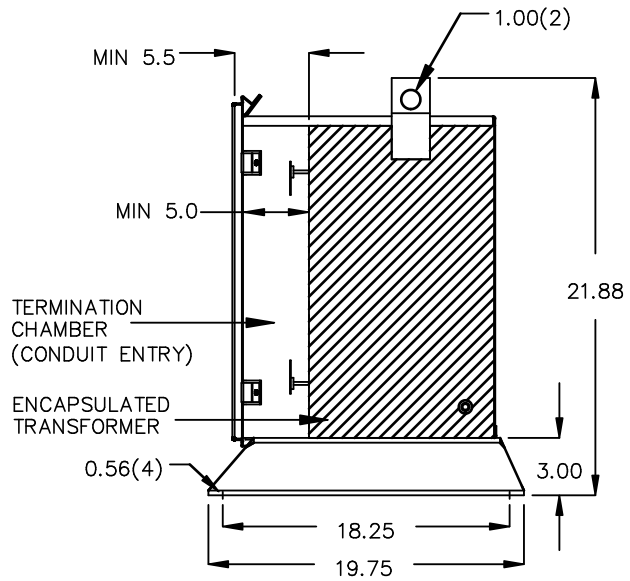
SEISMIC QUALIFICATIONS:
OSP=0136/IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=1 p=1.5

d000200bq

FRONT VIEW



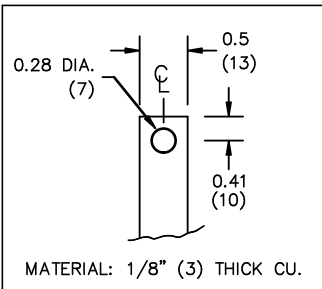
SIDE VIEW



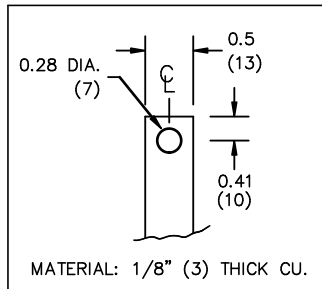
All Dimensions in inches

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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