


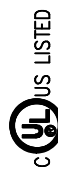
- IMPEDANCE SHOWN IS CALCULATED VALUE - NOT GUARANTEED
 - SERIAL NUMBER AND TESTED IMPEDANCE WILL BE SHOWN ON TRANSFORMER NAMEPLATE



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

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

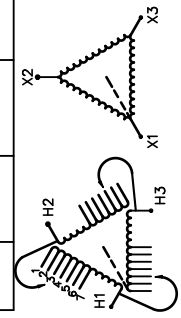
Part No. **TN2D0045KDKF**



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

Cust. Ref. Ref. du Client	Serial No. No. de Serie	HV/HT	480V	54.1A
Phase	3	BIL	10 kV	
Type	HZQT	Term Bornes	H1 H2 H3	
Cooling Refroidissement	ANC	LV/BT	240V	108.3A
kVA	45	BIL	10 kV	
Temp. Rise Echauffement	115 °C	Term Bornes	X1 X2 X3	
Temp Class Classe Temp	180 °C	Winding Enroulement		
Frequency Hz	60	Impedance % @ 135 °C		
Encl. Type Type de Coffrage	4	Weight lbs/kg Poids		661/300

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
504	51.5	105	1	HAZARDOUS LOCATIONS CLASS 1, ZONE 2 GROUPS IIC, T3
480	52.8	102.5	2	SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES ELECTROSTATIC SHIELD
468	54.1	100	3	
456	55.5	97.5	4	
444	57.0	95	5	
432	58.5	92.5	6	
	60.1	90	7	



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 MONS QUE L'EMPLACEMENT NE SOIT EXEMPT DE CONCENTRATIONS INFLAMMABLES.

SEISMIC QUALIFICATIONS:
 OSP=0.136/IBC 201B/ASCE 7-16
 SDS<=2.0g Z/h=1 p=1.5

d000200bq



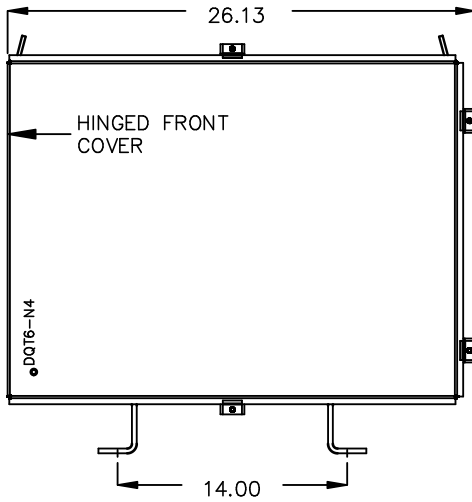
TITLE: 3PH DISTRIBUTION TRANSFORMER
 NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	DES: PGAUETR
				DATE: 22/09/07
				SCALE: NTS

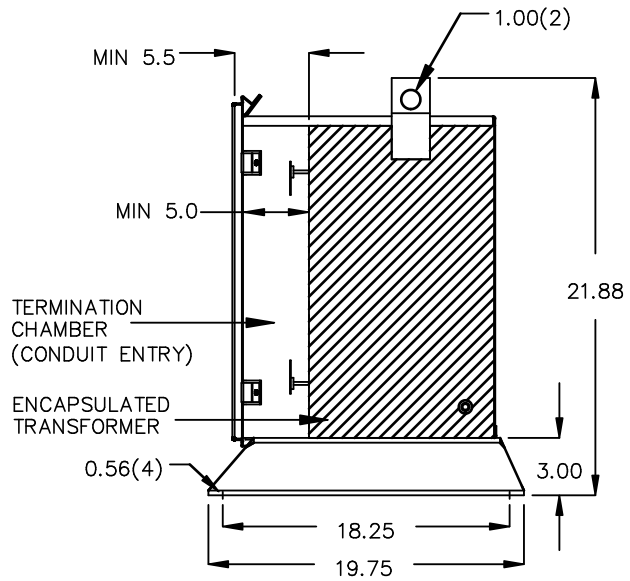
SHEET 1 OF 2

EJB TN2D0045KDKF

FRONT VIEW



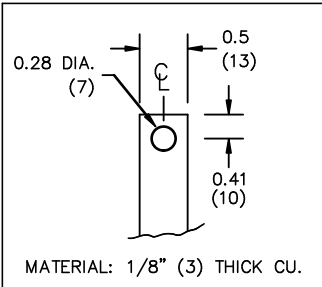
SIDE VIEW



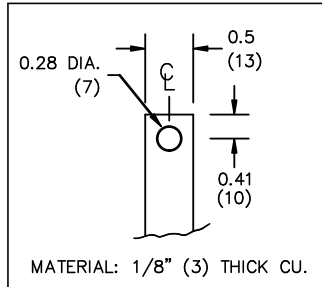
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT BOTTOM FRONT
- LV TERMINATED AT TOP FRONT



TITLE: 3PH DISTRIBUTION TRANSFORMER

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DATE:	22/09/07
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NO.	DATE	BY	REVISION

SHEET 2 OF 2

EDB TN2D0045DKF