



TITLE: HPS TITAN ENCAPSULATED TRANSFORMER
NAMEPLATE INFORMATION


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

SHEET 1 OF 2

EDB TN2D0002KDKA

1.0 httpd 2026/06/25 03:18

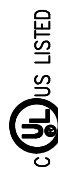
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POWER SOLUTIONS
Guelph, ONT Compton, CA Baraboo, WI
Monterrey, MX

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

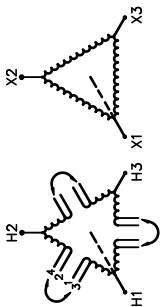
Part No. **TN2D0002KDKA**



31GW E258346
GENERAL PURPOSE
TRANSFORMER FOR USE IN
HAZARDOUS LOCATIONS

Cust. Ref. Ref. du Client	Serial No. No. de Serie	HV/HT	480V	2.4A	
Phase	3	BIL	10 kV	H1 H2 H3	
Type	HZQT	Term Bornes	240V	4.8A	
Cooling Refrondissement	ANC	LV/BT	10 kV	X1 X2 X3	
kVA	2	BIL	80 °C	CU	
Temp. Rise Echauffement		Term Bornes	130 °C	60	
Temp Class Classe Temp			100 °C	4.6	
Winding Enroulement				4	
Frequency Hz				50/23	
Impedance % @ 100 °C					
Encl. Type Type de Coffrage					
Weight lbs/kg Poids					

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE	HAZARDOUS LOCATIONS CLASS 1, DIV 2 GROUPS A, B, C & D TEMPERATURE CODE: T3C HAZARDOUS LOCATIONS CLASS 1, ZONE 2 GROUPS IIC, T3 ELECTROSTATIC SHIELD
504 480 456	2.2 2.3 2.4	105 100 95	1-2 2-3 3-4	

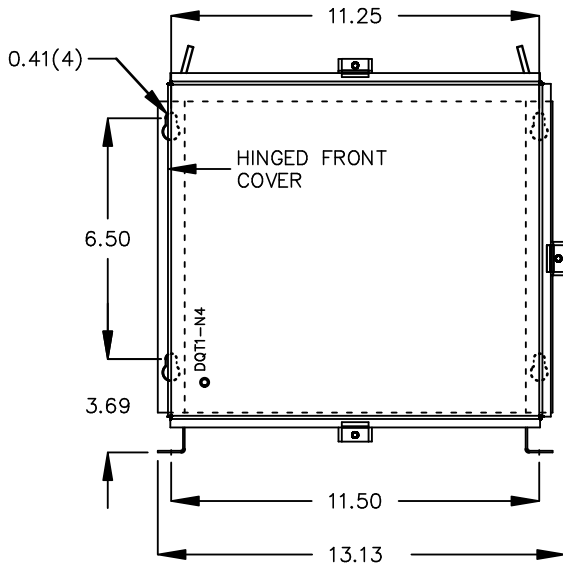


WARNING - EXPLOSION HAZARD. DO NOT DISCONNECT EQUIPMENT WHILE THE CIRCUIT IS LIVE OR UNLESS THE AREA IS FREE OF IGNITABLE CONCENTRATIONS.
AVERTISSEMENT : RISQUE D'EXPLOSION. NE PAS D BRANCHER PENDANT QUE LE CIRCUIT EST SOUS TENSION OU MOINS QUE L'EMPLACEMENT NE SOIT EXEMPT DE CONCENTRATIONS INFLAMMABLES.

SEISMIC QUALIFICATIONS:
OSP=0136/IBC 201B/ASCE 7-16
SDS<=2.0g Z/h=1 p=1.5

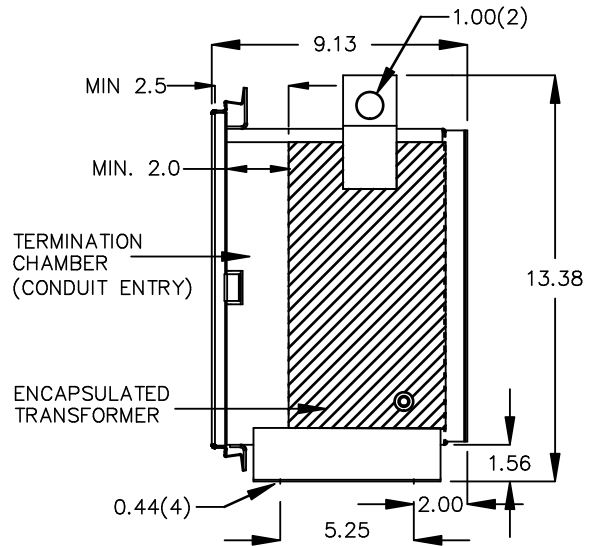
d000200bq

FRONT VIEW



All Dimensions in inches

SIDE VIEW



ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

#14 AWG STRANDED COPPER
WIRE LEADS

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CUSTOMER NOTES:

- HV1 TERMINATED AT BOTTOM FRONT
- LV1 TERMINATED AT TOP FRONT



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