



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 TN2A0002KHKA

1.0 httpd 2026/04/01 11:48



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

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

Part No. TN2A0002KHKA

UL US LISTED
31GW E258346
GENERAL PURPOSE TRANSFORMER FOR USE IN HAZARDOUS LOCATIONS BUILT TO ABS STANDARD



8 03423 15226 10

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

| Serial No.
No. de Serie |
|----------------------------|----------------------------|----------------------------|----------------------------|
| 3 | HV/HT | 480V | 2.4A |
| HZQT | BIL | 10 kV | |
| ANC | Term Bornes | H1 H2 H3 | |
| 2 | LV/BT | 400Y/231V | 2.9A |
| 80 °C | BIL | 10 kV | |
| 130 °C | Term Bornes | X0 X1 X2 X3 | |
| CU | | | |
| 60 | | | |
| 3.8 | | | |
| 4 | | | |
| 50/23 | | | |

Cust. Ref. Ref. du Client

Phase

Type

Cooling Refroidissement

kVA

Temp. Rise Echauffement

Temp Class Classe Temp

Winding Enroulement

Frequency Hz

Impedance % @ 100 °C

Encl. Type Type de Coffrage

Weight lbs/kg Poids

VOLTS

504
480
456

CURRENT COURANT

2.2
2.3
2.4

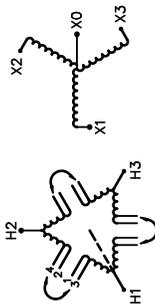
% RATED VOLTAGE % TENSION NOMINALE

105
100
95

CONNECTION EACH PHASE CONNECTION PAR PHASE

1-2
2-3
3-4

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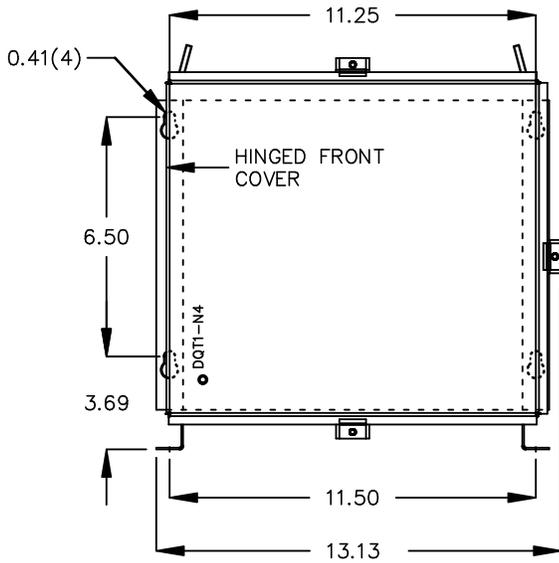


WARNING - EXPLOSION HAZARD. DO NOT DISCONNECT EQUIPMENT WHILE THE CIRCUIT IS LIVE OR UNLESS THE AREA IS FREE OF IGNITABLE CONCENTRATIONS.
AVERTISSEMENT : RISQUE D'EXPLOSION. NE PAS DÉBRANCHER PENDANT QUE LE CIRCUIT EST SOUS TENSION OU À MOINS QUE L'EMPLACEMENT NE SOIT EXEMPT DE CONCENTRATIONS INFLAMMABLES.

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

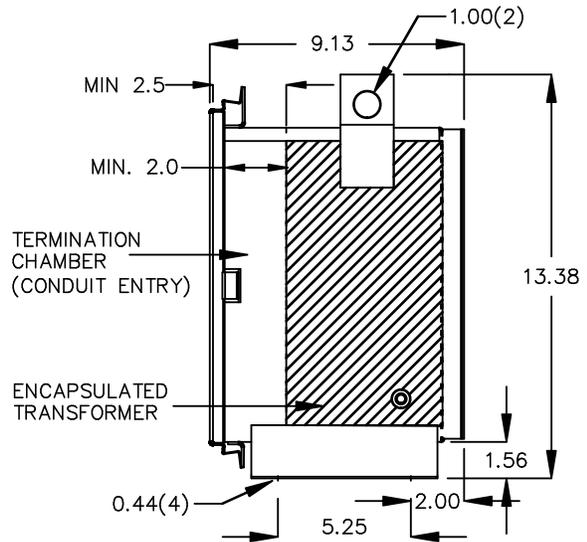
d000200bq

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

#14 AWG STRANDED COPPER
WIRE LEADS

CUSTOMER NOTES:

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



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