hammond POWER SOLUTIONS

# HPS Titan™ N

Dry Type Encapsulated Transformer
Transformateur de Type Sec Encapsul

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

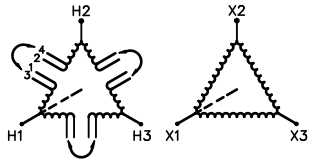
Part No. TN2D0009KDKF

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

8 03423 15238 3

| | | | |
|---|---|---|---|
| Cust. Ref. / Ref. du Client | | Serial No. / No. de Serie | |
| Phase | 3 | HV/HT | 480V |
| Type | HZQT | BIL | 10 kV |
| Cooling / Refroidissement | ANC | Term / Bornes | H1 H2 H3 |
| kVA | 9 | LV/BT | 240V |
| Temp. Rise / Echauffement | 115 °C | BIL | 10 kV |
| Temp Class / Classe Temp | 180 °C | Term / Bornes | X1 X2 X3 |
| Winding / Enroulement | CU | | |
| Frequency / Frequence Hz | 60 | | |
| Impedance % @ 135 °C | 2.6 | | |
| Encl Type / Type De Coffrage | 4 | | |
| Weight / Poids lbs | 200 | | |

| VOLTS | CURRENT / COURANT | % RATED VOLTAGE / % TENSION NOMINALE | CONNECTION EACH PHASE / CONNEXION PAR PHASE |
|---|---|---|---|
| 504 | 10.3 | 105 | 1–2 |
| 480 | 10.8 | 100 | 2–3 |
| 456 | 11.4 | 95 | 3–4 |




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 1 INCHES

ELECTROSTATIC SHIELD

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 Ip=1.5

d0002006p

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

| NO. | DATE | BY | REVISION |
|---|---|---|---|
| 2 | 21/07/16 | PP | EDB UPDATE |
| 1 | 20/03/17 | PP | SEISMIC UPDATE |

SCALE: NTS
DATE: 19/01/09
DES.: PPICASSI

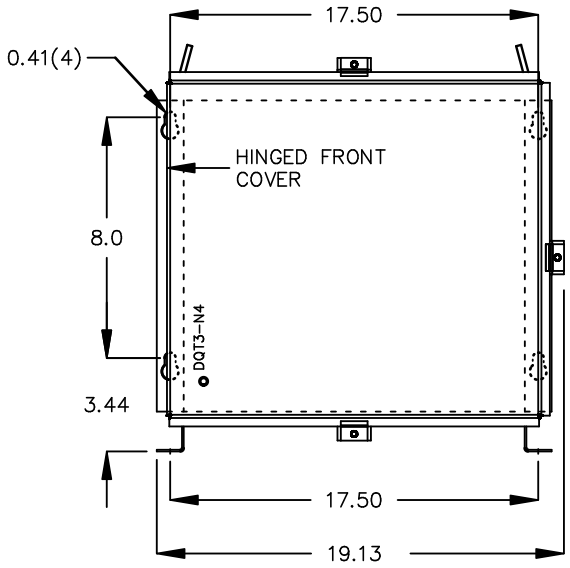
SHEET 1 OF 2

EDB TN2D0009KDKF

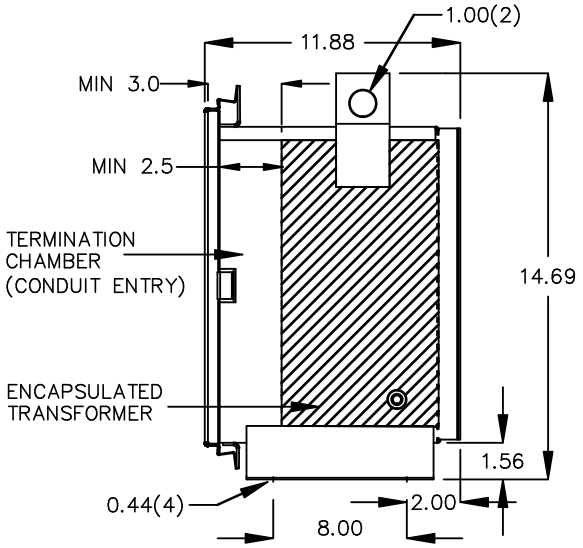
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THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW




SIDE VIEW




All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

#14 AWG STRANDED COPPER WIRE LEADS

LV TERMINAL DETAIL

#12 AWG STRANDED COPPER WIRE LEADS

CUSTOMER NOTES:
- HV TERMINATED AT BOTTOM FRONT
- LV TERMINATED AT TOP FRONT

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SHEET 2 OF 2

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