



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION


DES: PPI/CASSI  
DATE: 20/05/19  
SCALE: NTS

SHEET 1 OF 3

EDBTE3A0145JU

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

**hammond™ E**  
HPS Tribune™ E  
Energy Efficient Drive Isolation Transformer  
Transformateur Pour Variateur de Vitesse à Efficacité Énergétique

Part No. TE3A0145JU

DRY TYPE TRANSFORMER  
77US  
E112313

LR 3902

0342314348

ALSO REFER TO ENERGY STANDARDS CRO2015-18  
BY UNDERWRITERS LABORATORIES INC. 0148

Serial No. [ ]  
No. de Serie [ ]

HV/HT 460V 182A

BIL 10 kV

Term Bornes H1 H2 H3

LV/BT 460Y/266V 182A

BIL 10 kV

Term Bornes X0 X1 X2 X3

Energy Regulations DOE 10 CFR PART 431:2016

Reglements de l'Energétique CEE ACT SOR/2018-201

Cust. Ref. [ ]  
Ref. du Client [ ]

Phase 3

Type K

Cooling Refroidissement ANN

kVA 145

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement AL

Frequency Fréquence Hz 60

Impedance % @ 170 °C 4.4

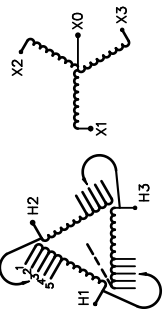
Encl. Type Type de Coffrage 3R

Weight Poids lbs 925

LISTED

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT ELECTROSTATIC SHIELD

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
483	173	105	1
472	178	102.5	2
460	182	100	3
448	187	97.5	4
437	192		5



SEISMIC QUALIFICATIONS:  
AS FLOOR MOUNT ONLY  
IBC 2018/ASCE 7-16  
SDS<=2.0g Z/h=1 p=1.5

d000194hb



All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 350MCM-6 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

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CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- C/W 1-"NC"- THERMOSTAT PER COIL CONNECTED TO T.B.



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NOTE:  
 WHEN BOTTOM CABLE ENTRY IS OPTED, THE SPACE USED FOR CONDUITS IN THE FRONT OF THE TRANSFORMER SHOULD NOT OBSTRUCT MORE THAN 50% OF THE FRONT AIR INTAKE AREA DEFINED BETWEEN THE BOTTOM PLATE AND THE SUPPORTING LEGS.  
 SEE MANUAL FOR ADDITIONAL INFORMATION



TITLE: 3PH DISTRIBUTION TRANSFORMER  
 ENCLOSURE BOTTOM VIEW

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