



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	DES: CSHAH
				DATE: 22/08/31
				SCALE: NTS

SHEET 1 OF 3

EDBTE3A0145KK

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

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

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

LR 3902
DRY TYPE TRANSFORMER
77US E112313
ALSO LISTED IN CONNECTION WITH ENERGY STANDARDS GROUP BY UNDERWRITERS LABORATORIES INC. @ 316

8 03423 14382 4

Part No. TE3A0145KK

Cust. Ref. Ref. du Client	Serial No. No. de Serie	480V	174A	CONNECTION EACH PHASE CONNECTION PAR PHASE	1 2 3 4 5
Phase	3 HV/HT	480V	174A	% RATED VOLTAGE % TENSION NOMINALE	105 102.5 100 97.5 95
Type	K BIL	10 kV		CURRENT COURANT	166 170 174 179 184
Cooling Refroidissement	ANN Term Bornes	H1 H2 H3		VOLTS	504 482 480 468 456
kVA	145 LV/BT	480Y/277V	174A		
Temp. Rise Echauffement	150 °C BIL	10 kV			
Temp Class Classe Temp	220 °C Term Bornes	X0 X1 X2 X3			
Winding Enroulement	AL Energy Regulations	DOE 10 CFR PART 431:2016			
Frequency Fréquence Hz	60 Reglements de Réglement	CEE ACT SOR/2018-201			
Impedance % @ 170 °C	4.8				
Encl. Type Type de Coffrage	3R				
Weight Poids lbs/kg	885/402				

H1 H2 H3 X0 X1 X2 X3

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

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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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SUITABLE FOR 350MCM-6 CU/AL
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1 CONDUCTOR PER PHASE

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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