



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION


NO.	DATE	BY	REVISION
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE
			DES: PPICASSI
			DATE: 18/04/05
			SCALE: NTS

SHEET 1 OF 3

EDB SG3A0750PBOC

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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  
Hyderabad, IN Compton, CA

**HPS Sentinel™ G**  
Energy Efficient Distribution Transformer  
Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI  
Monterrey, MX

Part No. **SG3A0750PBOC**

Cust. Ref. \_\_\_\_\_  
Ref. du Client \_\_\_\_\_

Phase **3**

Type **K**

Cooling Refroidissement **ANN**

kVA **750**

Temp. Rise Echauffement **150 °C**

Temp Class Classe Temp **220 °C**

Winding Enroulement **CU**

Frequency Fréquence Hz **60**

Impedance % @ 170 °C **6**

Encl. Type Type de Coffrage **3R**

Weight Poids **4050** lbs

Serial No. No. de Serie \_\_\_\_\_

HV/HT **600V**

BIL **722A**

Term Bornes **10 kV**

LV/BT **H1 H2 H3**

BIL **208Y/120V 2082A**

Term Bornes **10 kV**

Energy Regulations Règlement de l'Énergétique **DOE 10 CFR PART 431:2016**

CEE ACT SOR/2018-201 \_\_\_\_\_

DRY TYPE TRANSFORMER 77US E112313


ALSO SEE ENERGY EFFICIENT STANDARDS CROQ 15-18 BY UNDERWRITERS LABORATORIES INC. 0316

LR 3902

UL LISTED

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
630	687	105	1-2
615	704	102.5	2-3
600	722	100	3-4
585	740	97.5	4-5
570	760	95	5-6
555	780	92.5	6-7
540	802	90	7-8



SEISMIC QUALIFICATIONS:  
AS FLOOR MOUNT ONLY  
IBC 2018/ASCE 7-16  
SDS<=2.0g Z/h=0 Ip=1.5

d000186hb

FRONT VIEW



\*\* - Recommended cable entry locations only  
cutouts & gland plates not provided.

SIDE VIEW



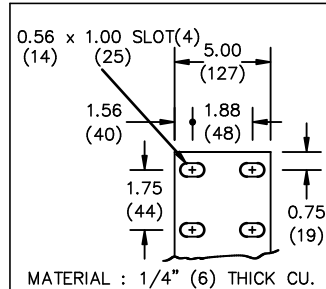
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT



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EDBSC3A0750PBOC

ENCLOSURE BOTTOM VIEW



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



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 ENCLOSURE BOTTOM VIEW

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