



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

3	21/07/16	PP	EDB UPDATE	DES: GPATEL
2	20/03/17	PP	SEISMIC UPDATE	DATE: 17/03/14
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDB SH3T0150KB3K

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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  
Hyderabad, IN

**hammond** HPS Sentinel™ H  
DRY TYPE HARMONIC MITIGATING TRANSFORMER  
TRANSFORMATEUR À SEC POUR MITIGATION D'HARMONIQUES  
Baraboo, WI Monterrey, MX  
Part No. SH3T0150KB3K

Cust. Ref. Ref. du Client	Serial No. No. de Serie	HV/HT	Term Bornes	LV/BT	Temp. Rise Echauffement	Temp. Class Classe Temp	Winding Enroulement	Frequency Fréquence Hz	Impedance % ① 170 °C	Encl. Type Type De Coffrage	Weight Poids lbs
	3	K	ANN	150	150 °C	220 °C	CU	60	4.1	3R	1500

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION THE CONNECTION PAR PHASE
504 492 480 468 456 444 432	172 176 180 185 190 195 200	105 102.5 100 97.5 95 92.5 90	1 2 3 4 5 6 7

DOE 10 CFR PART 431:2016	CEE ACT SOR/2018-201	Z <sub>0</sub>	Number of Secondaries
		0.95 MAX	

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

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

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWITERS LABORATORIES INC. 316

LISTED

LR 3902

TRANSFORMER 8 03423 13528 7

d000190hb



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

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 600MCM-2 CU/AL  
CONDUCTORS  
2 CONDUCTORS PER PHASE

CUSTOMER NOTES:

- HV TERMINATED AT BOTTOM FRONT
- LV TERMINATED AT TOP FRONT
- 200% RATED NEUTRAL,4-600MCM-#4, TERMINATED AT TOP FRONT,

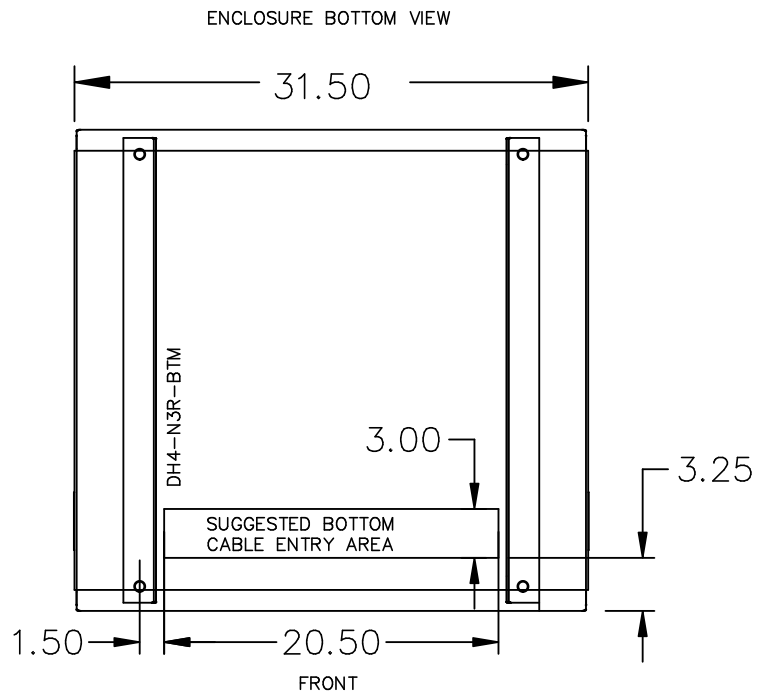


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NOTE:  
 WHEN BOTTOM CABLE ENTRY IS OPTED, THE SPACE USED FOR CONDUITS IN THE FRONT OF THE TRANSFORMER SHOULD NOT OBSTRUCT MORE THAN 50% OF THE FRONT AIR INTAKE AREA DEFINED BETWEEN THE BOTTOM PLATE AND THE SUPPORTING LEGS.  
 SEE MANUAL FOR ADDITIONAL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



TITLE: 3PH DISTRIBUTION TRANSFORMER  
 ENCLOSURE BOTTOM VIEW

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