




TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	CHANGED NOTES:	DES: DCORTEZ
3	21/12/07	LC			
2	21/07/16	PP		EDB UPDATE	DATE: 18/04/26
					SCALE: NTS

SHEET 1 OF 3

EDBSH3T0112PB3S

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**hammond**  
POWER SOLUTIONS

Guelph, ONT Compton, CA  
Hyderabad, IN Compton, CA Monterrey, MX

**HPS Sentinel™ H**  
DRY TYPE HARMONIC MITIGATING TRANSFORMER  
TRANSFORMATEUR À SEC POUR MITIGATION D'HARMONIQUES

Part No. SH3T0112PB3S


Serial No. [ ] No. de Serie [ ]  
 Model [ ] HV/HT [ ]  
 Term Bornes [ ] H1 H2 H3  
 LV/BT [ ] 208Z/120V  
 Term Bornes [ ] X1 X2 X3  
 Neutral [ ] X0(200%)  
 Energy Regulations [ ] DOE 10 CFR PART 431:2016  
 Reglements Energetique [ ] CEE ACT SOR/2018-201  
 Z<sub>0</sub> [ ] 0.95 MAX  
 Number of Secondaries [ ] 3R  
 Weight lbs/kg [ ] 1050/477

VOLTS	CURRENT COUPRANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION FOR CONNECTION PAR PHASE
630	103.1	105	1
615	105.6	102.5	2
600	108.3	100	3
585	111	97.5	4
570	114	95	5
555	117	92.5	6
540	120	90	7

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

LISTED



DRY TYPE TRANSFORMER 8 03423 13494 5  
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 E112313 BY UNDERWITERS LABORATORIES INC. © 316

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All Dimensions in inches



ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

X0 TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 250MCM-6 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

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

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

CUSTOMER NOTES:

- HV TERMINATED AT BOTTOM FRONT
- LV TERMINATED AT TOP FRONT
- X0 TERMINATED AT TOP FRONT
- 200% RATED NEUTRAL X0 HAS QTY 2 LUGS



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SHEET 2 OF 3

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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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