



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

3	21/07/16	PP	EDB UPDATE	DES: LCEN
2	20/03/17	PP	SEISMIC UPDATE	DATE: 20/01/09
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDB SH3T0300KB3S

3.0 httpd 2026/06/25 00:19

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

**HPS Sentinel™ H**

DRY TYPE HARMONIC MITIGATING TRANSFORMER

TRANSFORMATEUR À SEC POUR MITIGATION D'HARMONIQUES

Part No. SH3T0300KB3S

LR 3902

DRY TYPE TRANSFORMER 8 03423 13486 0

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ-18 E1123-13 BY UNDERWITERS LABORATORIES INC. © 306

**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

Cust. Ref. Ref. du Client	Serial No. No. de Serie	Phase	HV/HT	VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION FOR CONNECTIONS PAR PHASE
	3	K	480V	504	344	105	1-2
Type	ANN	HV/HT	480V	492	352	102.5	2-3
Cooling Refroidissement	300	Term Bornes	H1 H2 H3	480	361	100	3-4
kVA	150 °C	LV/BT	208Z/120V	468	370	97.5	4-5
Temp. Rise Echauffement	220 °C	Term Bornes	X1 X2 X3	456	380	95	5-6
Temp Class Classe Temp	AL	Neutral	X0(200%)	444	390	92.5	6-7
Winding Enroulement	60	Energy Regulations	DOE 10 CFR PART 431:2016	432	401	90	7-8
Frequency Frequence Hz	4.4	Reglements Energetique	CEE ACT SOR/2018-201				
Impedance % @ 170 °C	3R	Z <sub>0</sub>	1.5 MAX				
Encl Type Type De Coffrage	2800	Number of Secondaries					
Weight Poids lbs							

SENTINEL H

ANGULAR DISPLACEMENT

0°

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

d000190hb

FRONT VIEW



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

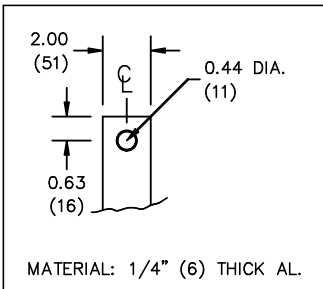
SIDE VIEW



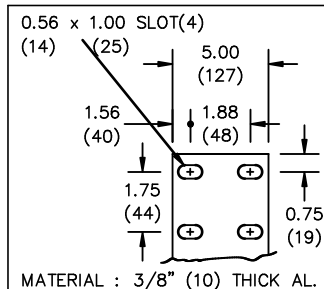
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL XO HAS TWO TERMINALS, DIVIDE CABLES EVENLY

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EDB SH 310300KBS5

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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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