



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

3	21/07/16	PP	EDB UPDATE	DES: LCEN
2	20/03/17	PP	SEISMIC UPDATE	DATE: 16/03/24
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDB3H3T0075KB3S

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**POWER SOLUTIONS**

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

**hammond** HPS Sentinel™ H

DRY TYPE HARMONIC MITIGATING TRANSFORMER

TRANSFORMATEUR À SEC POUR MITIGATION D'HARMONIQUES

Part No. SH3T0075KB3S

Serial No. [ ] No. de Serie [ ]

Model [ ]

HV/HT [ ]

Term Bornes [ ]

LV/BT [ ]

Temp. Rise Echauffement [ ] °C

Temp. Class Classe Temp [ ] °C

Winding Enroulement [ ]

Energy Regulations [ ]

Frequency Reglements [ ] Hz

Impedance % Impedance [ ] %

Encl. Type Type De Coffrage [ ]

Weight Poids [ ] lbs

3

K

ANN

75

150 °C

220 °C

AL

60

5.2

3R

680

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

0.95 MAX

VOLTS	CURRENT COURANT	% RATED VOLTAGE /% TENSION NOMINALE	CONNECTION CONNECTION CONNECTION PAR PHASE
504	85.9	105	1
492	88.0	102.5	2
480	90.2	100	3
468	92.5	97.5	4
456	95.0	95	5
444	97.5	92.5	6
432	100.2	90	7

SENTINEL H

ANGULAR DISPLACEMENT

0°

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

SEISMIC QUALIFICATIONS, OSP-0136-10  
IBC 2012/ASCE 7-10  
SDS<=2.0G Z/H=1 Ip=1.5

LISTED

UL E112313

DRY TYPE TRANSFORMER 8 03423 13482 2

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERWITERS LABORATORIES INC. © 306

LR 3902

d000190hb



All Dimensions in inches



ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR #2/0-14 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

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

CUSTOMER NOTES:

- HV1 TERMINATED AT BOTTOM FRONT
- LV1 TERMINATED AT TOP FRONT
- 200% RATED NEUTRAL XO HAS QTY 2 LUGS,



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SHEET 2 OF 3

EDBSH310075KB3S

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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