



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

EDB SH310075KB3S

**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. SH310075KB3S

Serial No. [ ] No. de Serie [ ]  
Model [ ]  
HV/HT [ ]  
Term Bornes [ ]  
LV/BT [ ]  
Term Bornes [ ]  
Neutral [ ]  
Energy Regulations [ ]  
Reglements de Energetique [ ]  
Z<sub>0</sub> [ ]  
Number of Secondaries [ ]

DOE 10 CFR PART 431:2016  
CEE ACT SOR/2018-201  
0.95 MAX

Cust. Ref. [ ]  
Phase [ ]  
Type [ ]  
Cooling Refroidissement [ ]  
kVA [ ]  
Temp. Rise Echauffement [ ]  
Temp Class Classe Temp [ ]  
Winding Enroulement [ ]  
Frequency Fréquence Hz [ ]  
Impedance % @ 170 °C [ ]  
Encl Type Type De Coffrage [ ]  
Weight Poids lbs [ ]

3  
K  
ANN  
75  
150 °C  
220 °C  
AL  
60  
5.2  
3R  
680

VOLTS [ ]  
CURRENT COURANT [ ]  
% RATED VOLTAGE % NOMINALE [ ]  
CONNECTION CONNECTION PAR PHASE [ ]

504  
492  
480  
468  
456  
444  
432

85.9  
88.0  
90.2  
92.5  
95.0  
97.5  
100.2

105  
102.5  
100  
97.5  
95  
92.5  
90

1  
2  
3  
4  
5  
6  
7

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

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

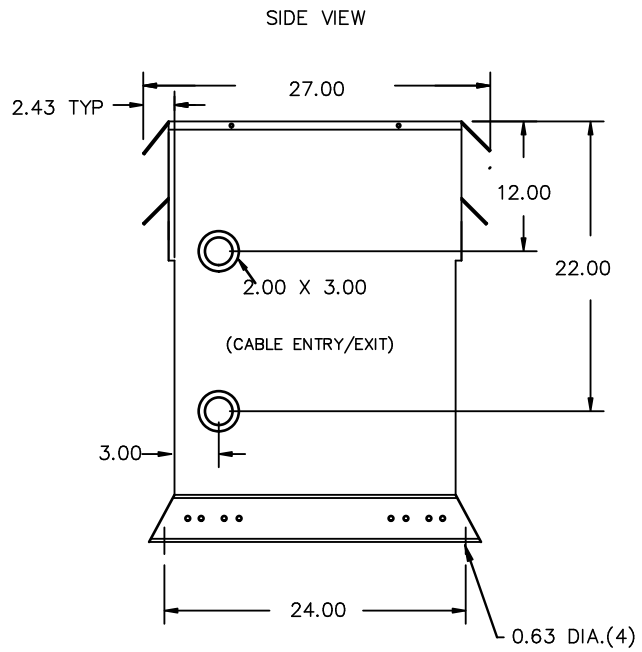
ANGULAR DISPLACEMENT  
SENTINEL H  
X1 X2 X3 X0  
0°

0000190hb

0000190hb



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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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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