



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

4	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE	DES: LCEN
3	21/07/16	PP	EDB UPDATE	DATE: 16/03/24
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDB SH310075KB3K

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THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

hammond
POWER SOLUTIONS

Guelph, ONT Compton, CA
Baraboo, WI
Monterrey, MX

Serial No. []
No. de Serie []
Model []
HV/HT []
Term Bornes []
LV/BT []
Term Bornes []
Neutral []
Energy Regulations []
Reglements Energetique []
Z₀ []
Number of Secondaries []

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

Part No. SH310075KB3K

LISTED

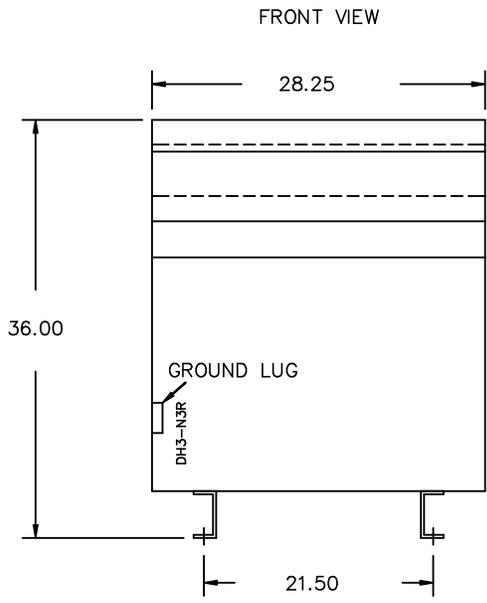
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT ELECTROSTATIC SHIELD

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	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

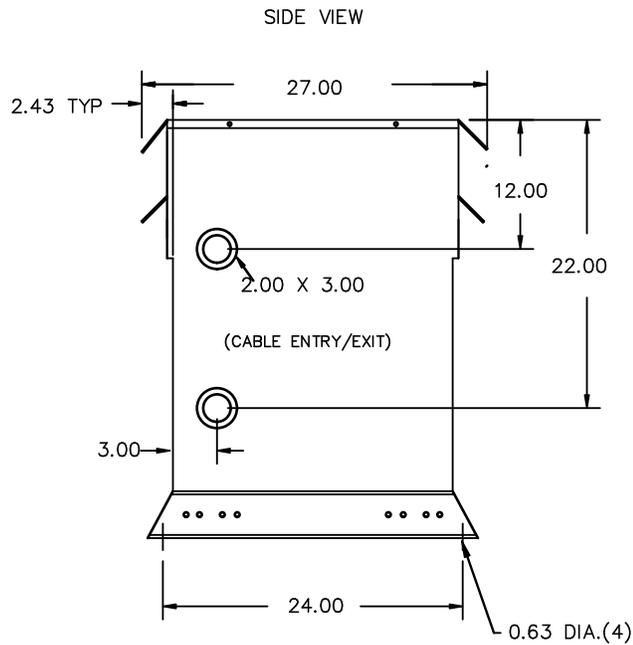
SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/n=1 Ip=1.5

ANGULAR DISPLACEMENT 0°

d000190hb



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 #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

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

CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- X0 TERMINATED AT BOTTOM FRONT
- 200% NEUTRAL RATING



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EDBSH310075KB3K

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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