




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

SHEET 1 OF 3

EDB SH310075KB3S

3.0 httpd 2026/06/08 21:17



POWER SOLUTIONS

Guelph, ONT Compton, CA
Hyderabad, IN

hammond HPS Sentinel™ H

DRY TYPE HARMONIC MITIGATING TRANSFORMER

TRANSFORMATEUR À SEC POUR MITIGATION D'HARMONIQUES

Part No. SH310075KB3S

Serial No. [] No. de Serie []

Phase 3

Type K

Cooling Refroidissement ANN

kVA 75

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement AL

Frequency Fréquence Hz 60

Impedance % @ 170 °C 5.2

Encl Type Type De Coffrage 3R

Weight Poids lbs 680

Baraboo, WI
Monterrey, MX

LISTED

DRY TYPE TRANSFORMER 8 03423 13482 2

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 E1123.13 BY UNDERWITERS LABORATORIES INC. © 316

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

VOLTS	CURRENT COURANT	% RATED VOLTAGE /% 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

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

0.95 MAX

SENTINEL H

ANGULAR DISPLACEMENT

0°

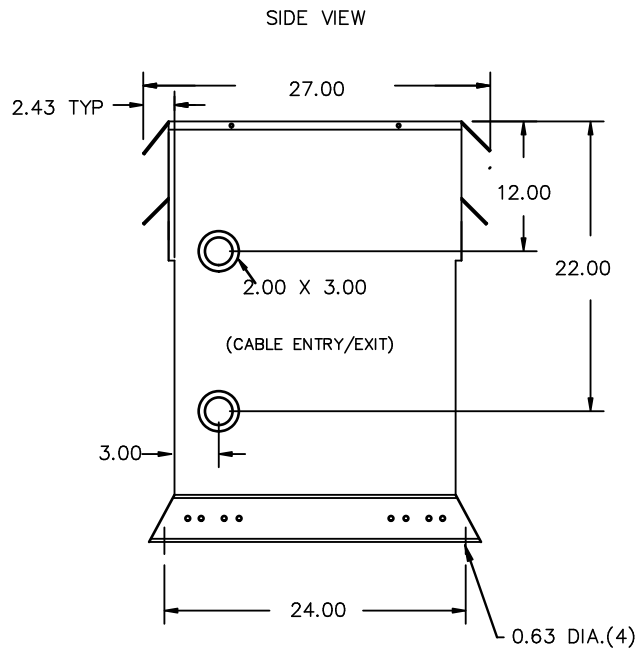
SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/H=1 IP=1.5

d000190hb

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



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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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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