




TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

3	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE	DES: LCEN
2	21/07/16	PP	EDB UPDATE	DATE: 17/09/18
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDB SH3U0075KB3K

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hammond
POWER SOLUTIONS

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

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

Part No. SH3U0075KB3K

LR 3902
DRY TYPE TRANSFORMER 8 03423 13548 5
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERMETERS LABORATORIES INC. © 316

LISTED

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES ELECTROSTATIC SHIELD

VOLTS	CURRENT COURANT	% RATED VOLTAGE NOMINALE	CONNECTIONS CONNECTIONS 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

Serial No. No. de Serie
3

Model HV/HT
K

Term Bornes
ANN

LV/BT
75

Temp. Rise Echauffement
150 °C

Temp Class Classe Temp
220 °C

Winding Enroulement
CU

Frequency Fréquence Hz
60

Impedance % Impédance %
170 °C

Encl Type Type De Coffrage
3R

Weight Poids
800

480YV

H1 H2 H3

208Z/120V

X1 X2 X3

X0(200%)

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

0.95 MAX

Number of Secondaries
3R

H1 H2 H3

X1 X2 X3 X0

SENTINEL H

ANGULAR DISPLACEMENT

-30°

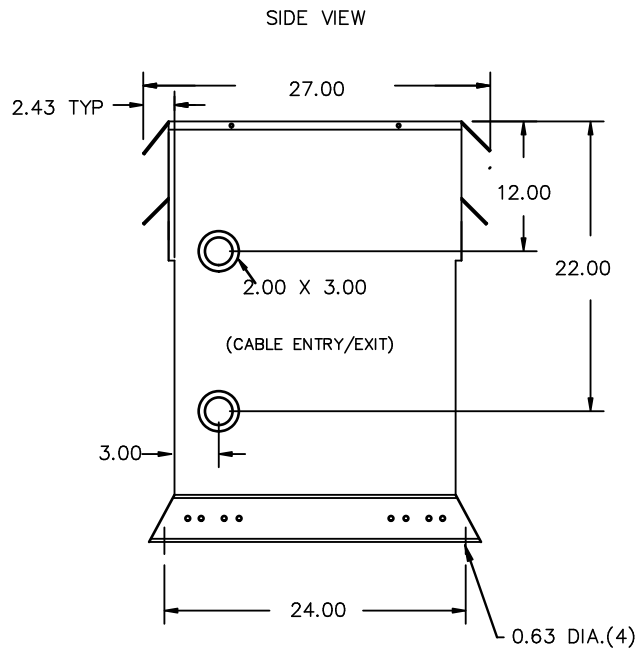
SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/n=1 Ip=1.5

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

HV TERMINAL DETAIL

LV 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:

- HV TERMINATED AT BOTTOM FRONT
- LV TERMINATED AT TOP FRONT
- 200% RATED NEUTRAL XO HAS QTY 2 LUGS



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EDBSH3U0075KB3K

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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