



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

DES:	LCEN
DATE:	25/03/24
SCALE:	NTS

SHEET 1 OF 3

EDBSH3U0225PB3S

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POWER SOLUTIONS

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

hammond HPS Sentinel™ H

DRY TYPE HARMONIC MITIGATING TRANSFORMER
TRANSFORMATEUR À SEC POUR MITIGATION D'HARMONIQUES

Part No. SH3U0225PB3S

Serial No. [] No. de Serie []

Phase 3

Type K HV/HT 600YV

Cooling Refroidissement ANN Term Bornes H1 H2 H3

kVA 225 LV/BT 208Z/120V

Temp. Rise Echauffement 150 °C Term Bornes X1 X2 X3

Temp Class Classe Temp 220 °C Neutral X0(200%)

Winding Enroulement AL Energy Regulations DOE 10 CFR PART 431:2016

Frequency Fréquence Hz 60 CEE ACT SOR/2018-201

Impedance % @ 170 °C 5.2 Z₀ 1.0 MAX

Encl Type Type De Coiffage 3R Number of Secondaries []

Weight lbs/kg Poids 1910/867

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
630	206	105	1
615	211	102.5	2
600	217	100	3
585	222	97.5	4
570	228	95	5
555	234	92.5	6
540	241	90	7

SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/n=0 Ip=1.5

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES ELECTROSTATIC SHIELD

LISTED

DRY TYPE TRANSFORMER E112313
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ-18 BY UNDERMETERS LABORATORIES INC. 316

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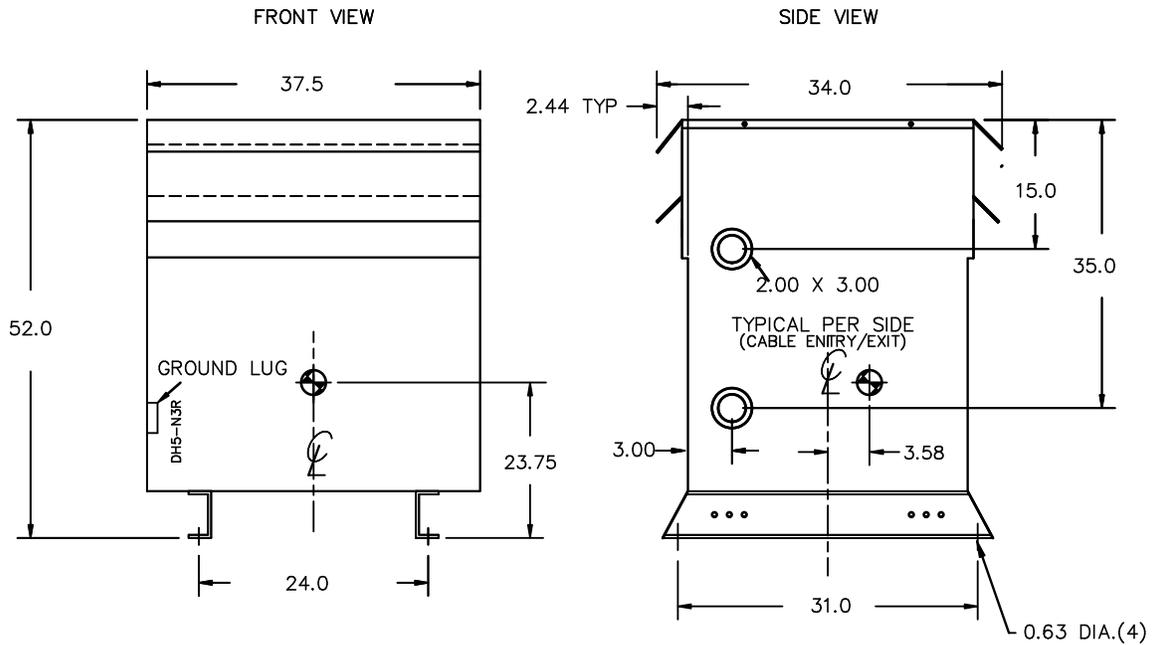
CONNECTION CONNECTION PAR PHASE

H1 34
H2 56
H3

SENTINEL H X1 X2 X3 X0

ANGULAR DISPLACEMENT
-30°

d000190hb



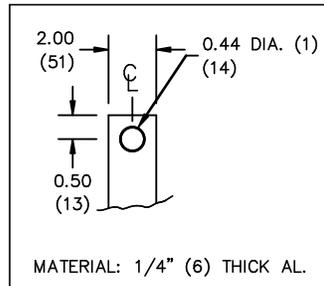
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

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



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL XO HAS TWO TERMINALS, DIVIDE CABLES EVENLY



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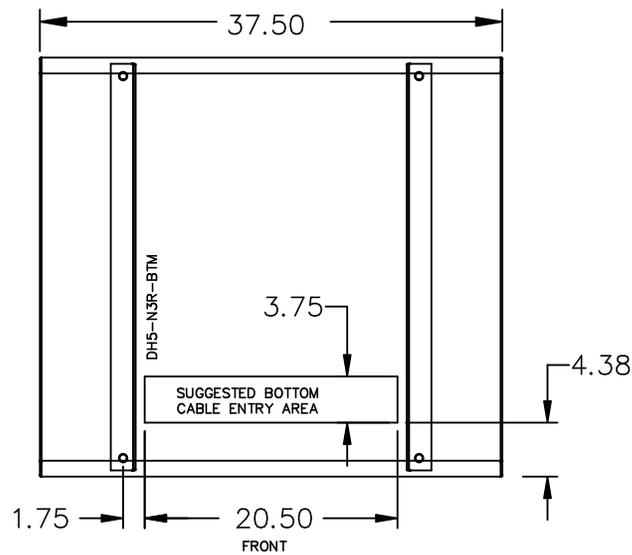
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NO.	DATE	BY	REVISION

SHEET 2 OF 3

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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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