



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

1	21/07/16	PP	EDB UPDATE	DES: CSHAH
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSH3U0225KB3S

1.0 httpd 2026/06/05 20:23



**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. SH3U0225KB3S

Serial No. [ ] No. de Serie [ ]

Model [3] HV/HT [480YV]

Term Bornes [H1 H2 H3]

LV/BT [208Z/120V]

Temp. Rise Echauffement [150 °C]

Temp. Class Classe Temp [220 °C]

Winding Enroulement [AL]

Frequency Fréquence Hz [60]

Impedance % [4]

Encl. Type Type De Coffrage [3R]

Weight Poids lbs [2000]

DOE 10 CFR PART 431:2016

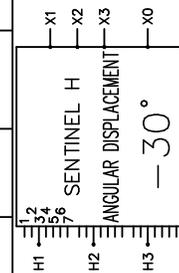
CEE ACT SOR/2018-201

1.0 MAX

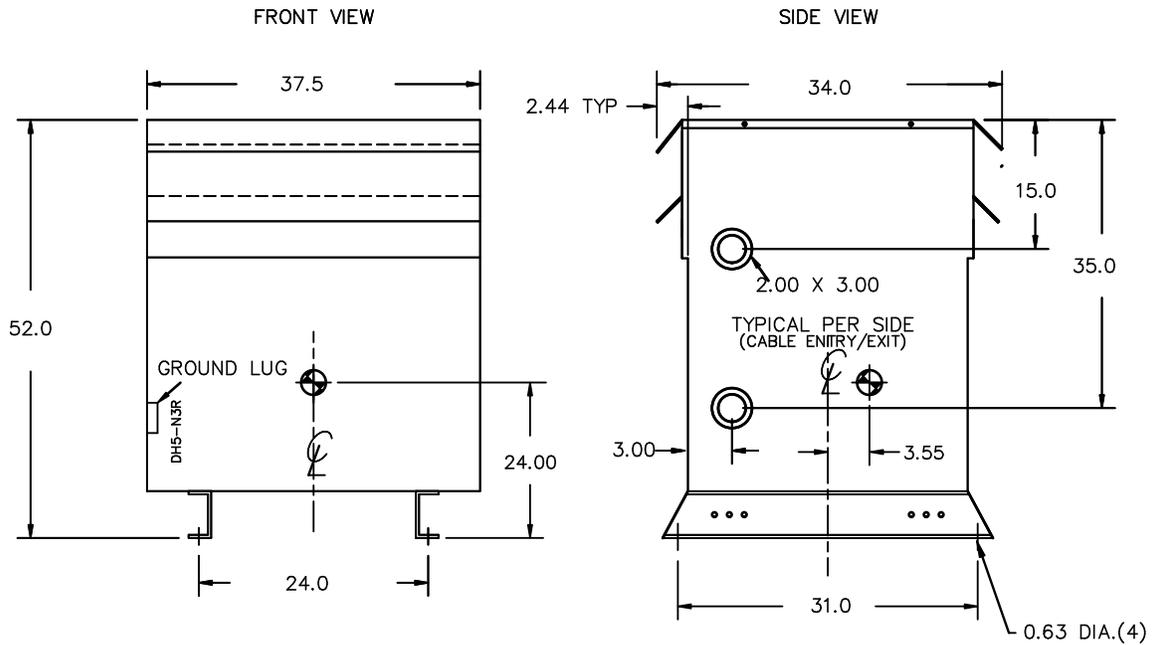
VOLTS	CURRENT COURANT	% RATED VOLTAGE / % NOMINALE	CONNECTION CONNECTION PAR PHASE
504	258	105	1
492	264	102.5	2
480	271	100	3
468	278	97.5	4
456	285	95	5
444	293	92.5	6
432	301	90	7

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



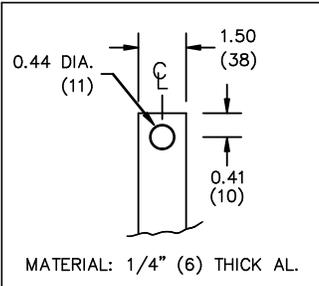
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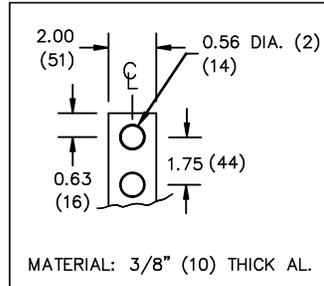
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL
- C/W TWO XO PADS (DIVIDE CABLES EVENLY AMONG BOTH)



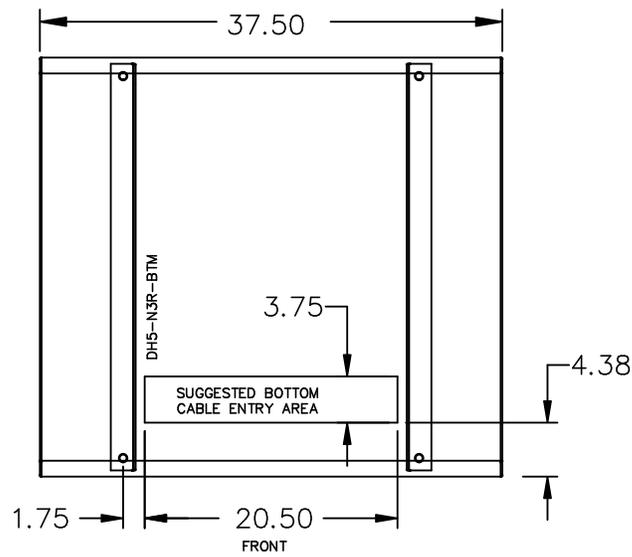
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EDBSH3U0225KB35

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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