



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

EDBSH3U0300KB3K

1.0 httpd 2026/06/24 20:59

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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. SH3U0300KB3K

Serial No. [] No. de Serie []

Phase 3

Type K

Cooling Refroidissement ANN

kVA 300

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement CU

Frequency Fréquence Hz 60

Impedance % @ 170 °C 4.0

Encl Type Type De Coffrage 3R

Weight lbs/kg 2500/1134

Baraboo, WI Monterrey, MX

DRY TYPE TRANSFORMER 8 03423 13552 2

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERMILLERS LABORATORIES INC. 316

LISTED

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

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTIONS CONNECTIONS PAR PHASE
497	349	103.5	1
480	361	100	2
463	374	96.5	3
446	388	93	4

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

1.5 MAX

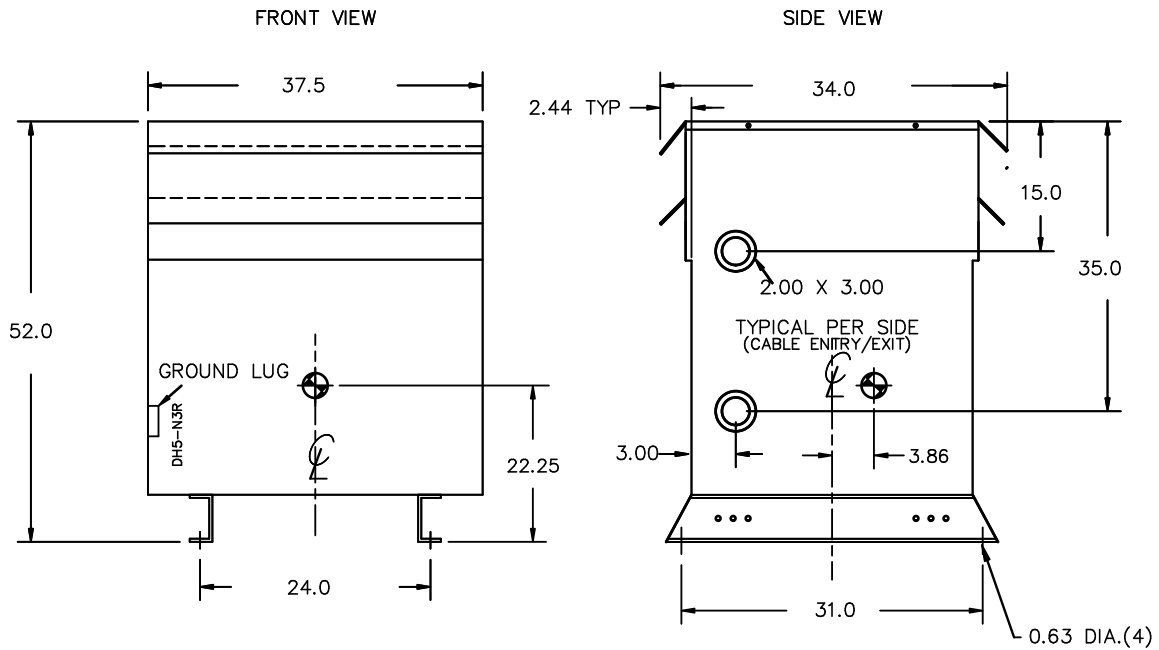
SENTINEL H

ANGULAR DISPLACEMENT

-30°

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

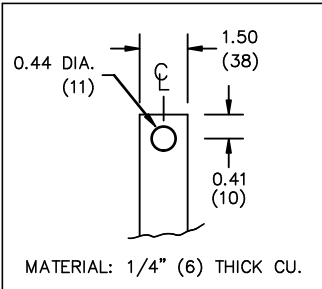
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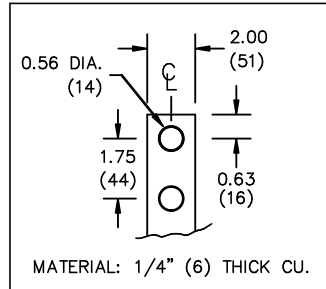
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- C/W 2 XO PADS (DIVIDE CABLES EVENLY AMONG BOTH)



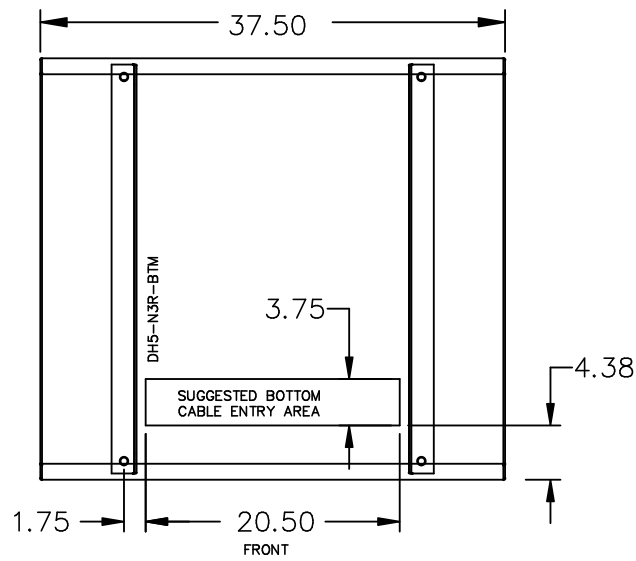
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EDB SH 300300K B3K

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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