



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	DES: LCN
				DATE: 22/01/13
				SCALE: NTS

SHEET 1 OF 3

EDB3H3U0300KB3S

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

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. SH3U0300KB3S

Serial No. [] No. de Serie []

Phase 3

Type K HV/HT 480YV

Cooling Refroidissement ANN Term Bornes H1 H2 H3

kVA 300 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 4.6 Z₀ 1.5 MAX

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

Weight lbs/kg 2820/1280

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
504	344	105	1-2
492	352	102.5	2-3
480	361	100	3-4
468	370	97.5	4-5
456	380	95	5-6
444	390	92.5	6-7
432	401	90	6-7

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

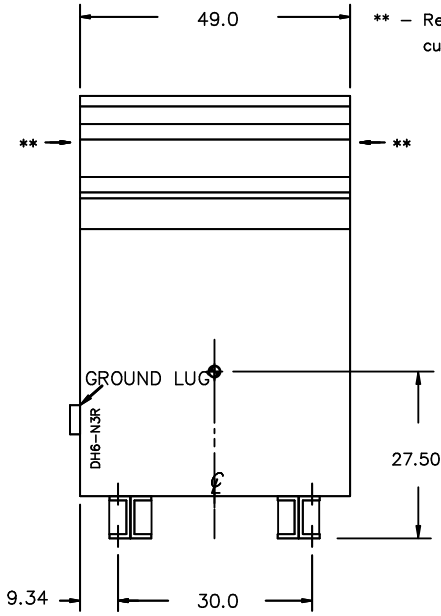
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES
ELECTROSTATIC SHIELD
VOLTAGE ERROR +/-2%

LISTED

DRY TYPE TRANSFORMER 8 03423 13508 9
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ 2-18 BY UNDERMETERS LABORATORIES INC. 316

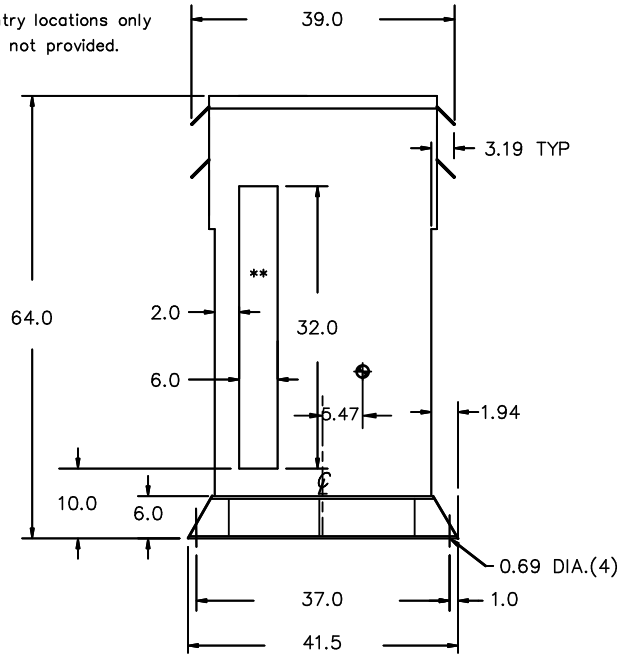
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FRONT VIEW



** - Recommended cable entry locations only cutouts & gland plates not provided.

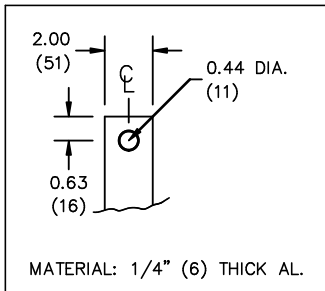
SIDE VIEW



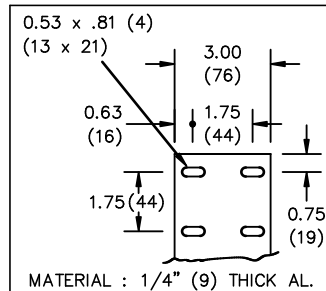
All Dimensions in inches

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 XO HAS TWO TERMINALS, DIVIDE CABLES EVENLY



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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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 ENCLOSURE BOTTOM VIEW

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EDBSH3U0300K37S