

- IMPEDANCE SHOWN IS CALCULATED VALUE - NOT GUARANTEED

d000190hb



hammond
POWER SOLUTIONS

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

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

Part No. SH3T0500KB3K

Serial No. [] No. de Serie []
 Model [] HV/HT []
 Term Bornes []
 LV/BT []
 Term Bornes []
 Neutral []
 Energy Regulations []
 Reglements Energetique []
 Z₀ []
 Number of Secondaries []
 Weight lbs 4250/1928

VOLTS	CURRENT COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION CONNECTION FOR CONNECTION PAR PHASE
504	573	105	1-2
492	587	102.5	2-3
480	601	100	3-4
468	617	97.5	4-5
456	633	95	5-6
444	650	92.5	6-7
432	668	90	7-8

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 12 INCHES
 ELECTROSTATIC SHIELD
 VOLTAGE ERROR +/-2%

LISTED

DRY TYPE TRANSFORMER 8 03423 13531 7
 ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ 2-18 E1123.13 BY UNDERWITERS LABORATORIES INC. 316



TITLE: 3PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION			
2	21/07/16	PP	EDB UPDATE
1	20/04/22	LC	CHANGED NPL VER:
NO.	DATE	BY	REVISION
			DES: LCEN
			DATE: 17/05/15
			SCALE: NTS

SHEET 1 OF 3

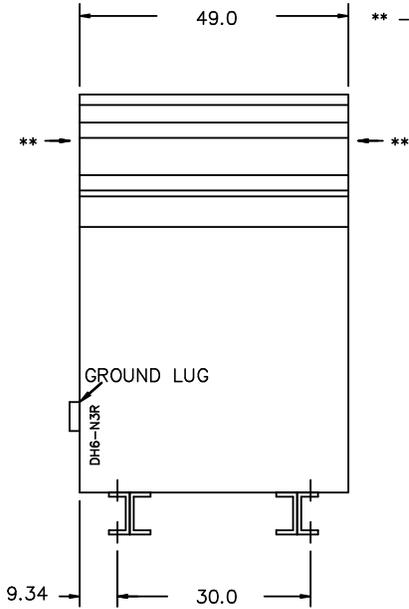
EDBSH3T0500KB3K

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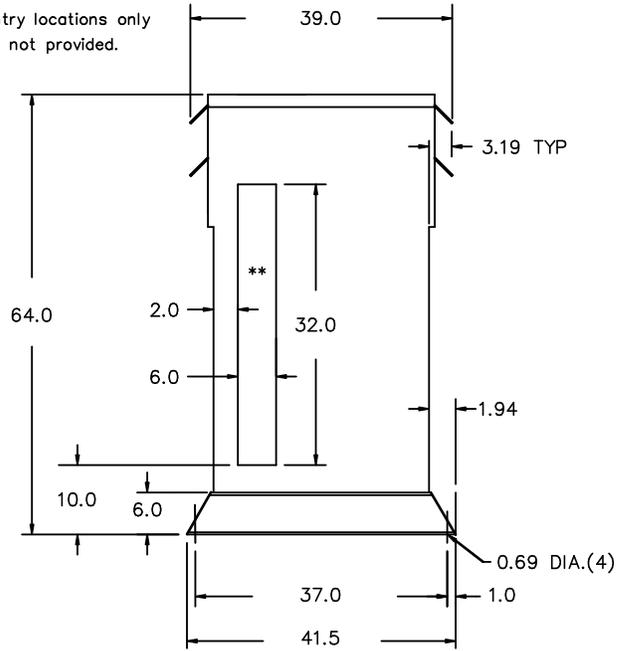
THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW

SIDE VIEW



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



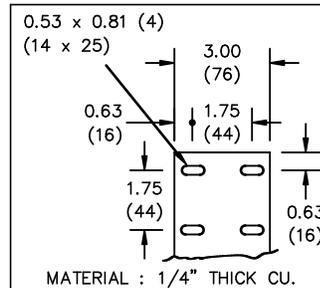
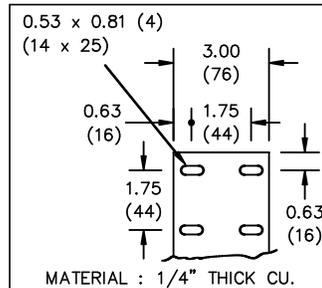
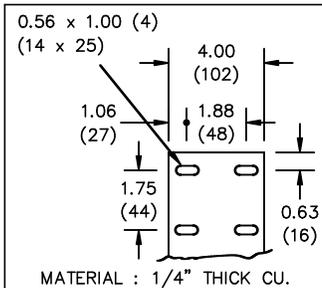
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

X0 TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- (2) X0 PADS - DISTRIBUTE CABLES EVENLY AMONG BOTH



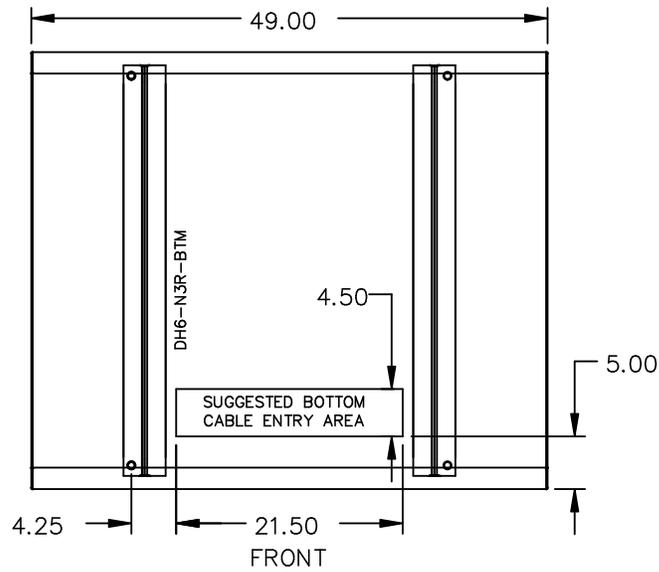
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SHEET 2 OF 3

EDBSH310500KB3K

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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