



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

SHEET 1 OF 3

EDBSK3A0500PK3S

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d000187hb

Energy Efficient Distribution Transformer

LR 3902

POWER SOLUTIONS

DRY TYPE
TRANSFORMER
ALSO VERIFIED IN ACCORDANCE
TO ENERGY STANDARD CRO22-18
BY UNDERWRITERS LABORATORIES INC. ® JNL6

E112313
LISTED

Transformateur de Distribution à Bon Rendement Énergétique

Hydrabad, IN
Guelph, ONT
Compton, CA

Baraboo, WI
Monterrey, MX

Part No. SK3A0500PK3S

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND
ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES
ELECTROSTATIC SHIELD

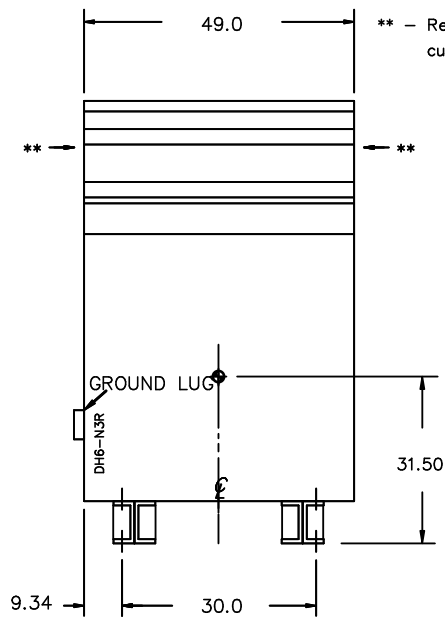
VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNEXION PAR PHASE
630	458	105	1-2
615	469	102.5	2-3
600	481	100	3-4
585	493	97.5	4-5
570	506	95	5-6
555	520	92.5	6-7
540	535	90	7-8

Cust. Ref. Ref. du Client	Serial No. No. de Serie	
Phase	HV/HT	481A
Type	BIL	10 kV
Cooling Refrondissement	Term Bornes	H1 H2 H3
kVA	LV/BT	480Y/277V 601A
Temp. Rise Échauffement	BIL	10 kV
Temp Class Classe Temp	Term Bornes	X0 X1 X2 X3
Winding Enroulement	Energy Regulations de Reglements	DOE 10 CFR PART 431:2016
Frequency Hz	CEE ACT SOR/2018-201	
Impedance % @ 170°C	Suitable for non-sinusoidal current load with K-factor not to exceed	13
Encl Type Type de Coffrage	Convient à des courants non-sinusoïdaux avec facteur K n'exécédant pas	
Weight Poids	lbs/kg	3210/1457

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

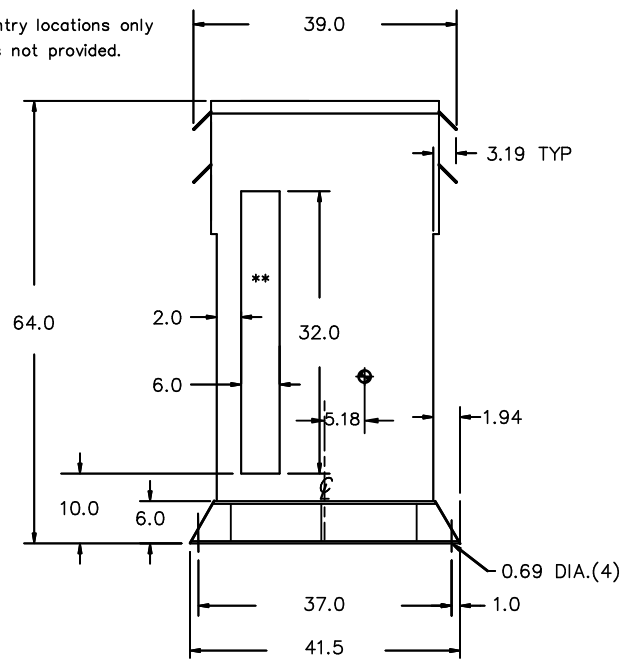
THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW



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

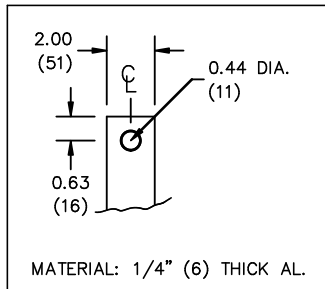
SIDE VIEW



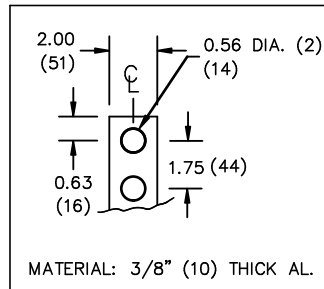
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

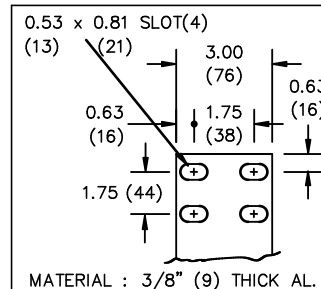
HV TERMINAL DETAIL



LV TERMINAL DETAIL



XO TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- XO TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL PROVIDED

hammond
POWER SOLUTIONS

TITLE: 3PH DISTRIBUTION TRANSFORMER

DES: RMOVVA
DATE: 21/11/16
SCALE: NTS

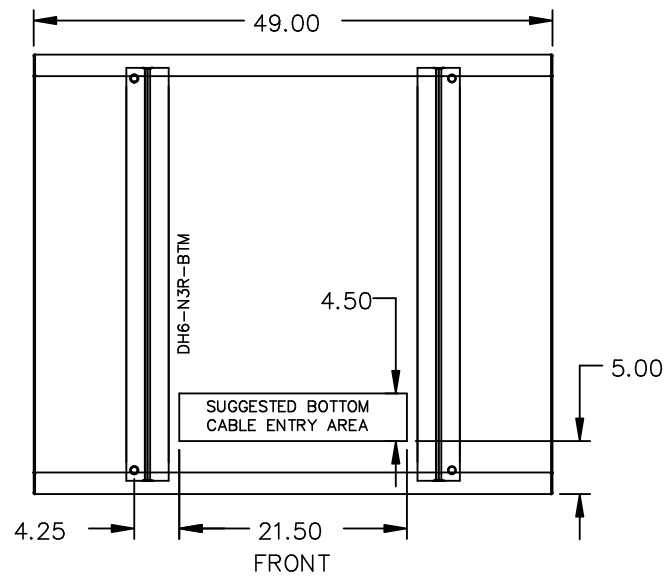
SHEET 2 OF 3

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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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