



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

DES:	DCORTEZ
DATE:	24/06/04
SCALE:	NTS

SHEET 1 OF 3

EDBSK3A0750PK3K

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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

HPS Sentinel™ K

Energy Efficient Distribution Transformer

Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI
Monterrey, MX

Part No. SK3A0750PK3K

LR 3902

DRY TYPE TRANSFORMER E112313

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERMETERS LABORATORIES INC. © 306

LISTED

Cust. Ref. Ref. du Client	Serial No. No. de Serie	HV/HT	600V	722A	
Phase	3	BIL	10 kV		
Type	K	Term Bornes	H1 H2 H3		
Cooling Refroidissement	ANN	LV/BT	480Y/277V	902A	
kVA	750	BIL	10 kV		
Temp. Rise Echauffement	150 °C	Term Bornes	X0 X1 X2 X3		
Temp Class Classe Temp	220 °C	Energy Regulations Règlements Énergétique	DOE 10 CFR PART 431:2016		
Winding Enroulement	CU	CEE ACT SOR/2018-201			
Frequency Fréquence Hz	60	Suitable for non-sinusoidal current load with K-factor not to exceed 13 Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 13			
Impedance % ① 170 °C	4.4	Weight lbs/kg	4850/2200		
Encl Type Type De Coffrage	3R				

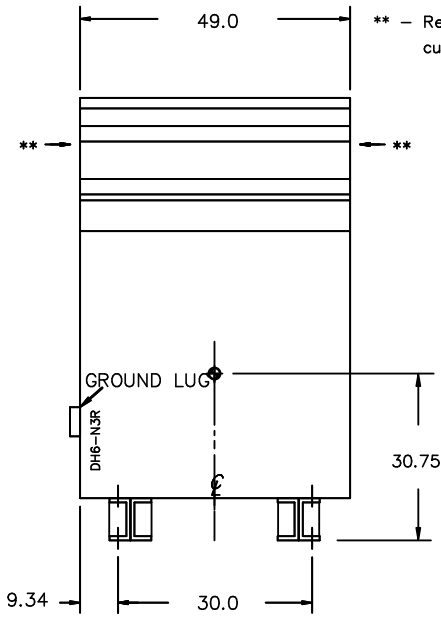
VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION FOR CONNECTION PAR PHASE
630	687	105	1-2
615	704	102.5	2-3
600	722	100	3-4
585	740	97.5	4-5
570	760	95	5-6
555	780	92.5	6-7
540	802	90	7-8

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

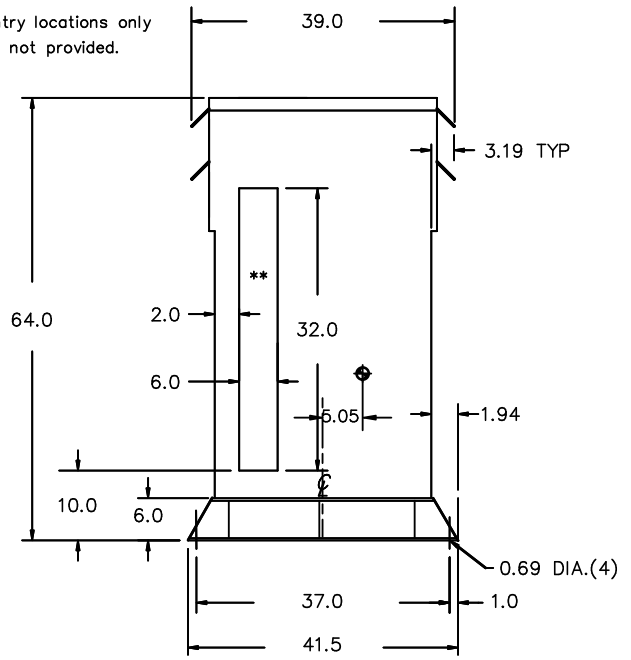
d000187hb

FRONT VIEW



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

SIDE VIEW



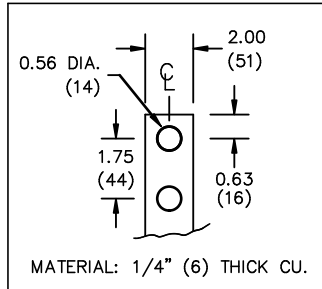
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

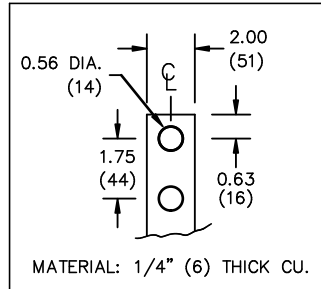
HV TERMINAL DETAIL



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 XO HAS TWO TERMINALS, DIVIDE CABLES EVENLY



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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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