



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	SCALE:
2	21/07/16	PP	EDB UPDATE	DES: RMOVVA
1	20/03/17	PP	SEISMIC UPDATE	DATE: 17/02/06
				SCALE: NTS

SHEET 1 OF 3

EDBSK3A0300PK3S

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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

HPS Sentinel™ K
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique

LR 3902
DRY TYPE TRANSFORMER
E112313
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ2-18 BY UNDERWITERS LABORATORIES INC. 3106

Hyderabad, IN Monterrey, MX Part No. SK3A0300PK3S

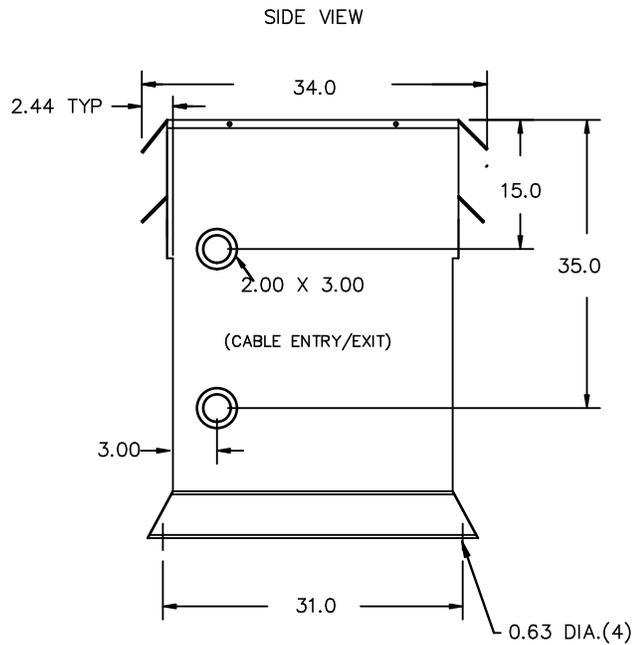
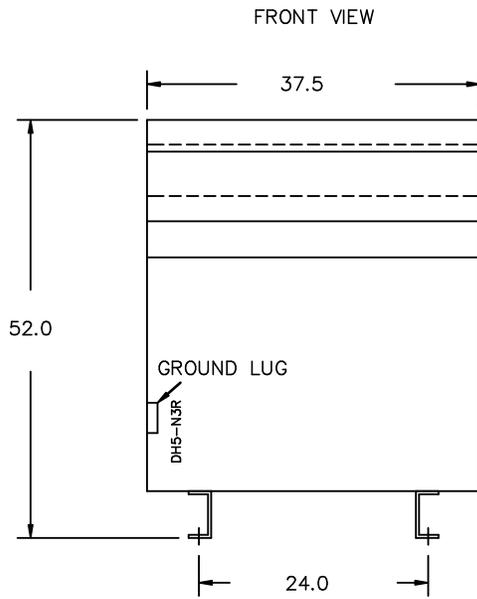
Cust. Ref. / Ref. du Client	Serial No. / No. de Serie		
Phase	HV/HT	600V	
Type	BIL	10 kV	
Cooling / Refroidissement	Term Bornes	H1 H2 H3	
kVA	LV/BT	480Y/277V 361	
Temp. Rise / Echauffement	BIL	10 kV	
Temp Class / Classe Temp	Term Bornes	X0 X1 X2 X3	
Winding / Enroulement	Energy Regulations / Réglements Énergétique	DOE 10 CFR PART 431:2016	
Frequency / Fréquence Hz	CEE ACT SOR/2018-201	13	
Impedance % @ 170°C	Suitable for non-sinusoidal current load with K-factor not to exceed / Convient à des courants non-sinusoidaux avec facteur K n'excédant pas	6.4	
Encl Type / Type De Coffrage	Weight / Poids	3R 1850	

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION FOR CONNECTION PAR PHASE
630	275	105	1
615	282	102.5	2
600	289	100	3
585	296	97.5	4
570	304	95	5
555	312	92.5	6
540	321	90	7

SEISMIC QUALIFICATIONS:
X0 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 EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT ELECTROSTATIC SHIELD

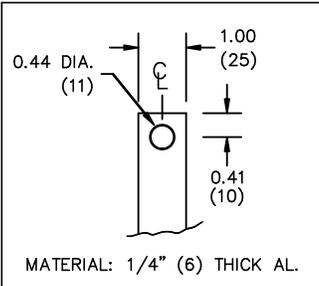
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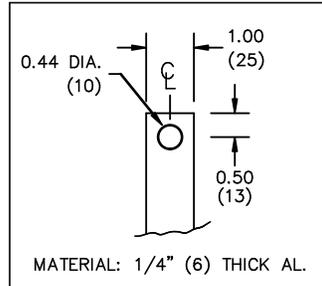
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

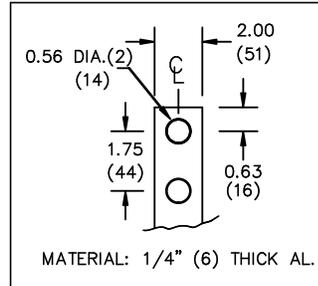
HV TERMINAL DETAIL



LV TERMINAL DETAIL



X0 TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- X0 TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL PROVIDED



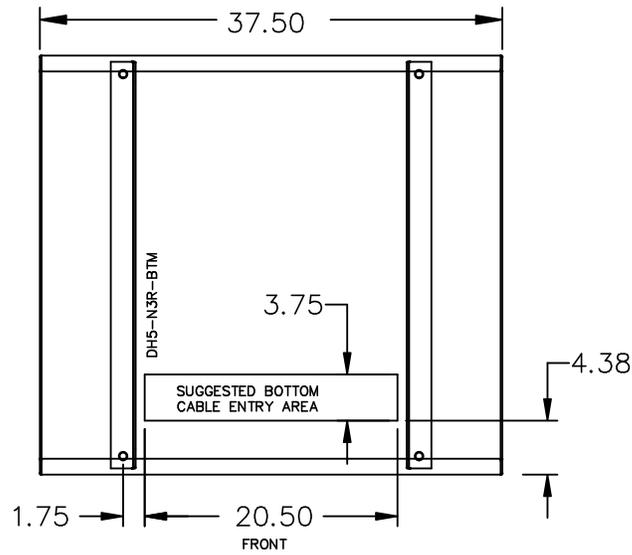
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ENCLOSURE BOTTOM VIEW



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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