



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	SCALE:
2	21/07/16	PP	EDB UPDATE	DES: PPICASSI
1	20/03/17	PP	SEISMIC UPDATE	DATE: 20/01/07
				SCALE: NTS

SHEET 1 OF 3

EDBSK3A0300PK3K

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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

LR 3902  
DRY TYPE TRANSFORMER  
E112313  
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ2-18 BY UNDERWITERS LABORATORIES INC. 316

Part No. SK3A0300PK3K

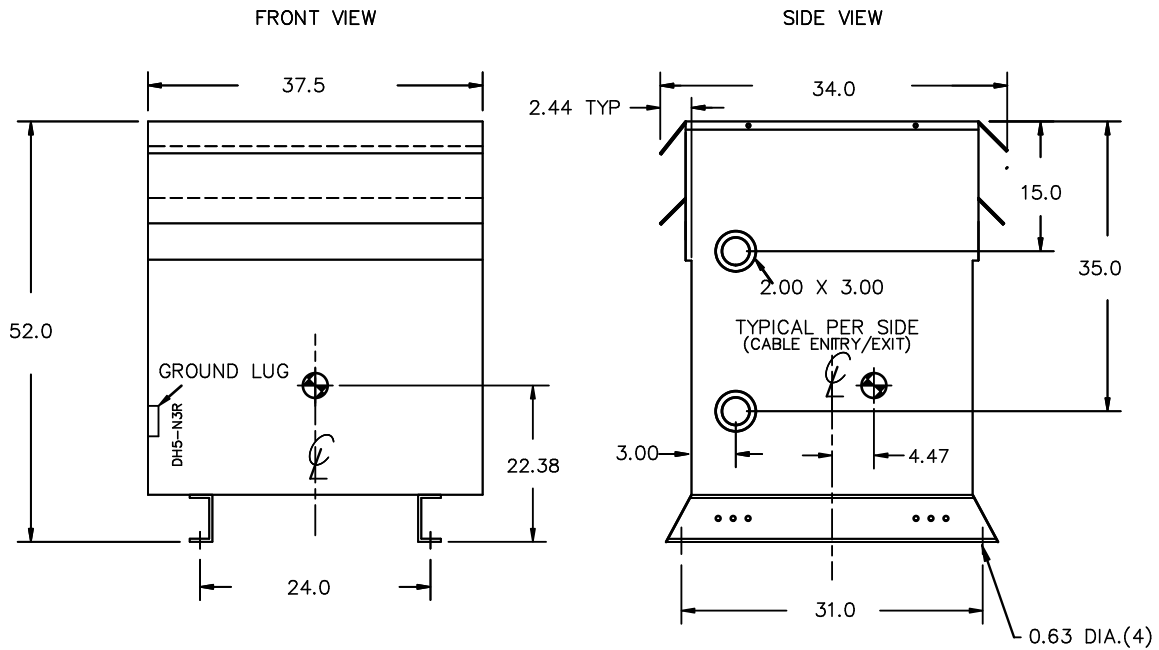
Cust. Ref. Ref. du Client	Serial No. No. de Serie	HV/HT	600V	289A
Phase	3	BIL	10 kV	
Type	K	Term Bornes	H1 H2 H3	
Cooling Refroidissement	ANN	LV/BT	480Y/277V	361A
kVA	300	BIL	10 kV	
Temp. Rise Echauffement	150 °C	Term Bornes	X0 X1 X2 X3	
Temp Class	220 °C	Energy Regulations Règlements Énergétique	DOE 10 CFR PART 431:2016	
Winding Enroulement	CU	CEE ACT SOR/2018-201		
Frequency	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 % @ 170 °C	4.7	Weight Poids	1950	
Encl Type Type De Coffrage	3R			

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:  
XS 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

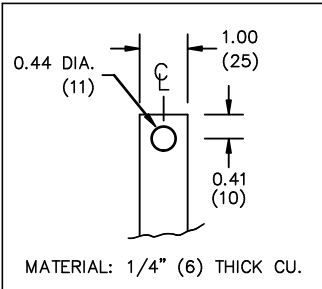
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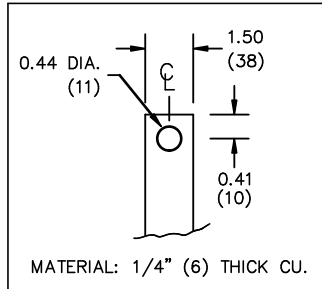
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

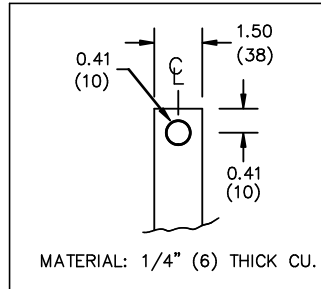
HV TERMINAL DETAIL



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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