



TITLE: 3PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION			
3	21/07/16	PP	EDB UPDATE
2	20/03/17	PP	SEISMIC UPDATE
NO.	DATE	BY	REVISION
			DES: RBHATIA DATE: 16/09/09 SCALE: NTS

SHEET 1 OF 3
EDBSK3A0750KB3K
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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 CROZ-18 BY UNDERMILLERS LABORATORIES INC. © 316

Hyderabad, IN Monterrey, MX Part No. SK3A0750KB3K

Cust. Ref.	Serial No.	HV/HT	VOLTS	CURRENT	% RATED VOLTAGE	CONNECTION
Ref. du Client	No. de Serie			COURANT	% NOMINALE	PAR PHASE
Phase	3	480V	504	859	105	1-2
Type	K	10 kV	492	880	102.5	2-3
Cooling	ANN	H1 H2 H3	480	902	100	3-4
Refrroidissement			468	925	97.5	4-5
kVA	750	208Y/120V	456	950	95	5-6
Temp. Rise	150 °C	10 kV	444	975	92.5	6-7
Echauffement			432	1002	90	7-8
Temp Class	220 °C	X0 X1 X2 X3				
Classe Temp						
Winding	CU	DOE 10 CFR PART 431:2016				
Enroulement						
Frequency	60	CEE ACT SOR/2018-201				
Frequency Hz						
Impedance %	4.3	Suitable for non-sinusoidal current load with K-factor not to exceed 13				
Impédance %		Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 13				
Encl Type	3R					
Type De Coffrage						
Weight	4700					
Poids						

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.

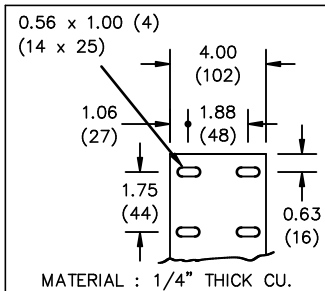
SIDE VIEW



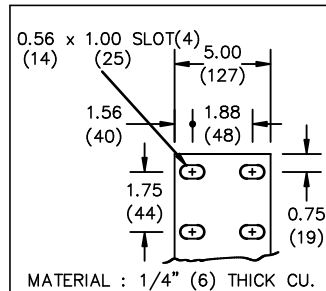
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

H.V.1. TERMINAL DETAIL



L.V.1. TERMINAL DETAIL



CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT

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



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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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