



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: 18/05/01
				SCALE: NTS

SHEET 1 OF 3

EDBSK3A0225PK3S

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**POWER SOLUTIONS**

Guelph, ONT Compton, CA  
Hyderabad, IN Compton, CA

**HPS Sentinel™ K**

Energy Efficient Distribution Transformer

Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI  
Monterrey, MX

Part No. SK3A0225PK3S

 LR 3902  
 TRANSFORMER E112313  
**LISTED**

 8 03423 13078 7  
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ2-18 BY UNDERWRIERS LABORATORIES INC. © 306

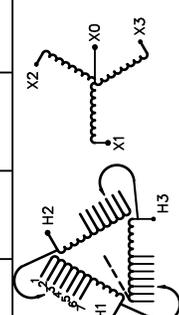
VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
630	206	105	1
615	211	102.5	2
600	217	100	3
585	222	97.5	4
570	228	95	5
555	234	92.5	6
540	241	90	7

Serial No. [ ]  
 HV/HT 600V 217A  
 BIL 10 kV  
 Term Bornes H1 H2 H3  
 LV/BT 480Y/277V 271A  
 BIL 10 kV  
 Term Bornes X0 X1 X2 X3  
 Energy Regulations DOE 10 CFR PART 431:2016  
 CEE ACT SOR/2018-201  
 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

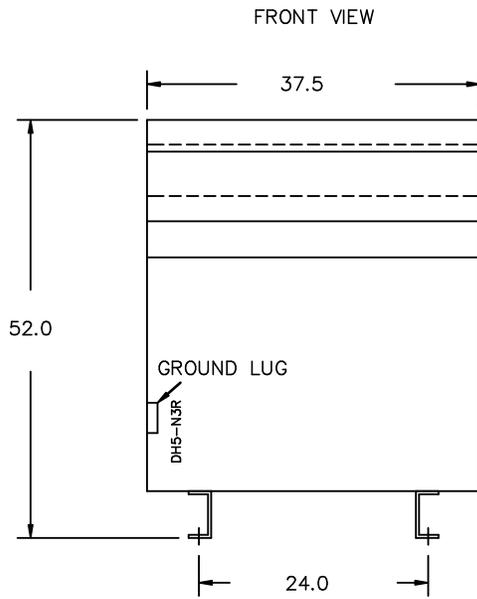
Cust. Ref. [ ]  
 Phase 3  
 Type K  
 Cooling Refroidissement ANN  
 kVA 225  
 Temp. Rise Echauffement 150 °C  
 Temp Class 220 °C  
 Winding Enroulement AL  
 Frequency 60  
 Impedance % @ 170 °C 5.1  
 Encl Type 3R  
 Weight Poids 1450 lbs

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

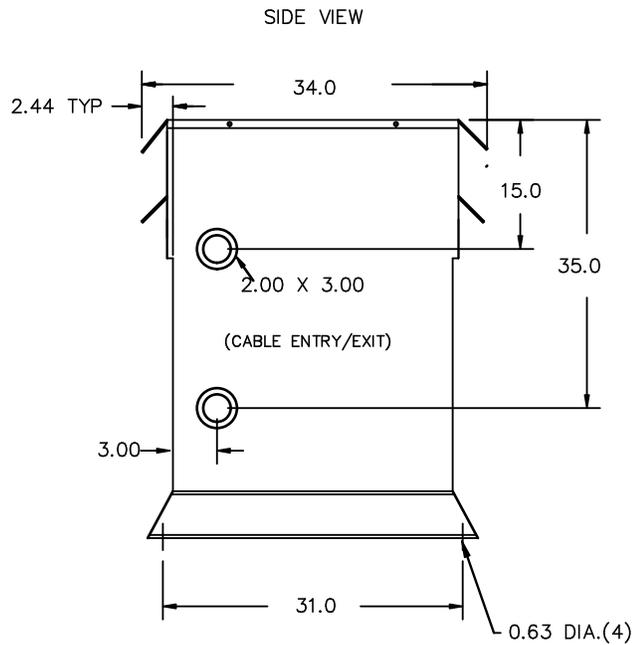
SEISMIC QUALIFICATIONS:  
 X0 FLOOR MOUNT ONLY  
 (BC 2018/ASCE 7-16)  
 SDS<=2.0g Z/n=0 Ip=1.5



d000187hb



All Dimensions in inches



ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 600MCM-2 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 350MCM-6 CU/AL  
CONDUCTORS  
2 CONDUCTORS PER PHASE

CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL XO HAS QTY 2 LUGS



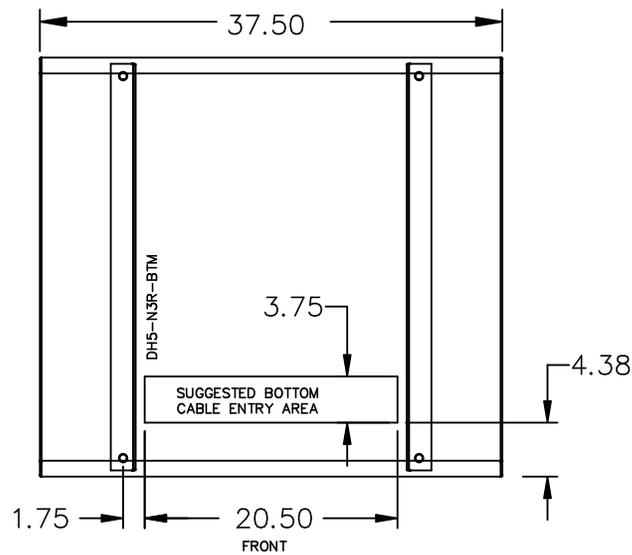
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ENCLOSURE BOTTOM VIEW



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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