



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE
			DES: RMOVVA
			DATE: 18/01/24
			SCALE: NTS

SHEET 1 OF 3

EDBSK3A0225PB4S

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**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. SK3A0225PB4S

Serial No. [ ]

HV/HT 600V 217A

BIL 10 kV

Term Bornes H1 H2 H3

LV/BT 208Y/120V 625A

BIL 10 kV

Term Bornes X0 X1 X2 X3

Energy Regulations DOE 10 CFR PART 431:2016

Reglements Energetique CEE ACT SOR/2018-201

Impedance % @ 170°C 5.3

Suitable for non-sinusoidal current load with K-factor not to exceed 4

Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 4

Weight Poids 1600 lbs

Cust. Ref. [ ]

Ref. du Client [ ]

Phase 3

Type K

Cooling Refroidissement ANN

kVA 225

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement AL

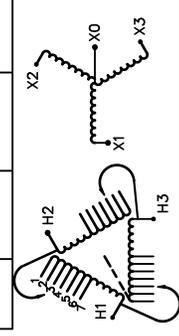
Frequency Fréquence Hz 60

Impedance % @ 170°C 5.3

Encl Type Type De Coffrage 3R

Weight Poids 1600 lbs

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



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

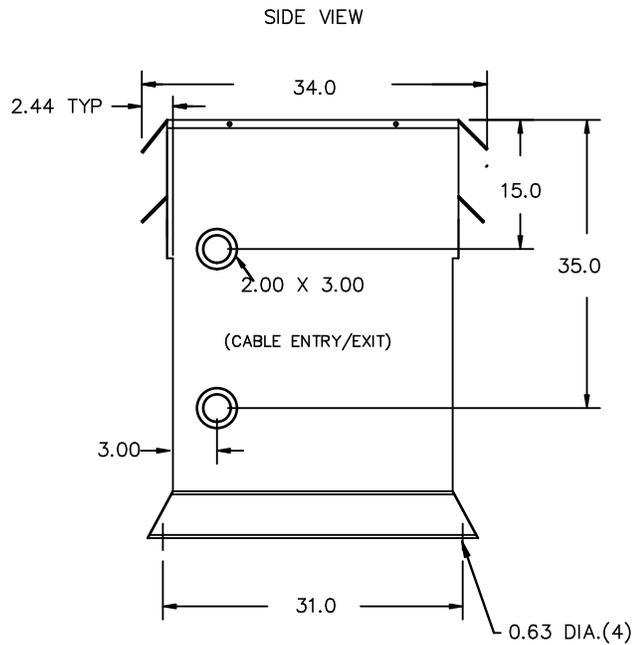
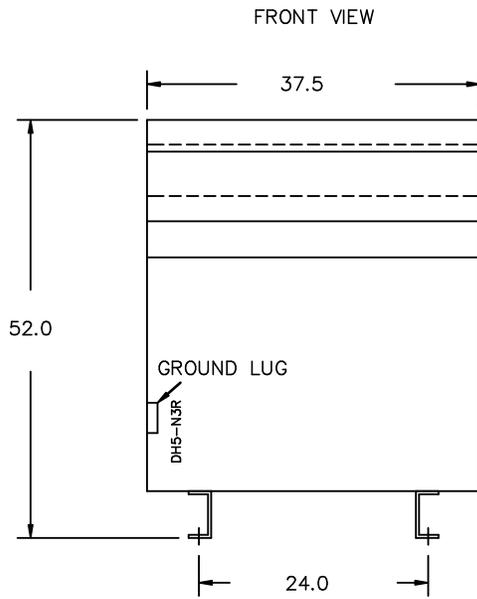
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LR 3902

DRY TYPE TRANSFORMER

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERWITERS LABORATORIES INC. © 316



All Dimensions in inches

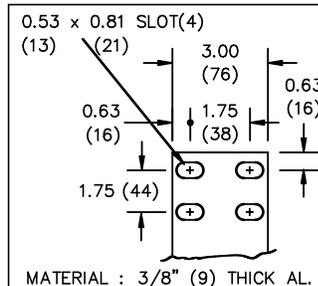
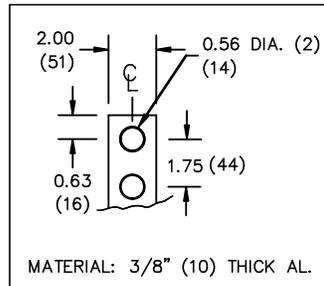
ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

X0 TERMINAL DETAIL

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



CUSTOMER NOTES:

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



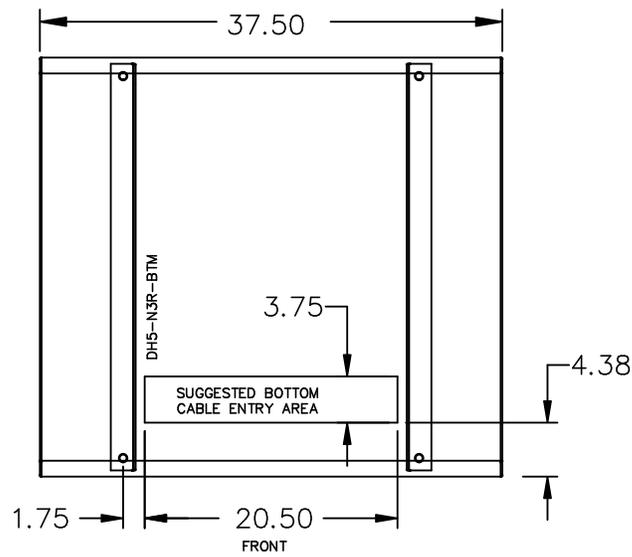
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ENCLOSURE BOTTOM VIEW



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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