



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
4	22/02/15	CS	DESIGN UPDATE
3	21/07/16	PP	EDB UPDATE


DES:	JWEN
DATE:	15/11/09
SCALE:	NTS

SHEET 1 OF 3

EDBSC3A0225BK

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POWER SOLUTIONS
Guelph, ONT
Hyderabad, IN Compton, CA

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

Baraboo, WI
Monterrey, MX

Part No. **SG3A0225BK**

LISTED  **LR 3902**
DRY TYPE DISTRIBUTION TRANSFORMER
UL 77US E112313
ALSO LISTED TO ENERGY STANDARDS CANADA C22.2-18
BY UNDERWRITERS LABORATORIES INC. @ 3148

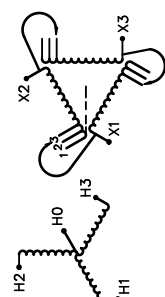
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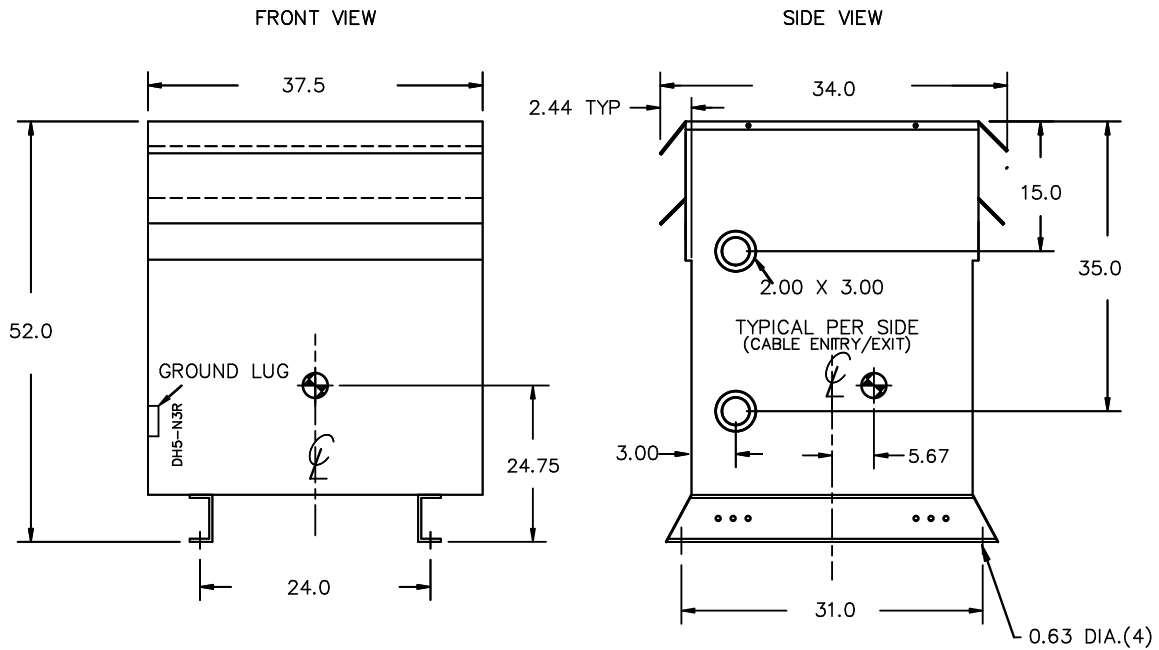
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT
TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY

SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=0 Ip=1.5

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
218	595	105	1
208	625	100	2
198	657	95	3

Cust. Ref. Ref. du Client	Serial No. No. de Serie	480Y/277V
Phase	HV/HT	10 kV
Type	BIL	H0 H1 H2 H3
Cooling Refroidissement	Term Bornes	208V
kVA	LV/BT	10 kV
Temp. Rise Échauffement	BIL	X1 X2 X3
Temp Class Classe Temp	Term Bornes	DOE 10 CFR PART 431:2016
Winding Enroulement	Energy Regulations	CEE ACT SOR/2018-201
Frequency Fréquence Hz	Reglements de Énergétique	
Impedance % @ 170 °C		
Encl. Type Type de Coffrage		
Weight Poids		





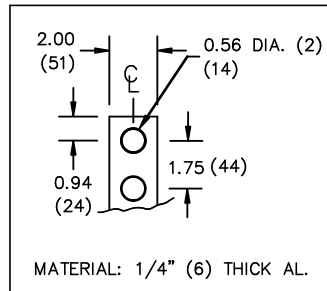
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

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



CUSTOMER NOTES:

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



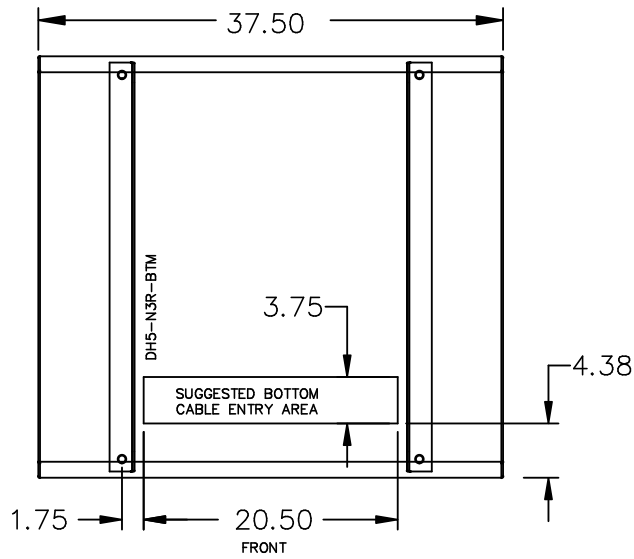
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ENCLOSURE BOTTOM VIEW



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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