



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	DES:	JWEN
4	21/12/13	CS	NPL IMPEDANCE AND WEIGHT UPDATE	DATE:	15/11/09
3	21/07/16	PP	EDB UPDATE	SCALE:	NTS

SHEET 1 OF 3

EDBSG3A0030BK

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POWER SOLUTIONS
Guelph, ONT Compton, CA Hyderabad, IN
Baraboo, WI Monterrey, MX

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

Part No. **SG3A0030BK**

DRY TYPE TRANSFORMER 77US E112313
 ALSO REFER TO ENERGY STANDARDS CROQ 2-18
 BY UNDERWRITERS LABORATORIES INC. 0168

LISTED

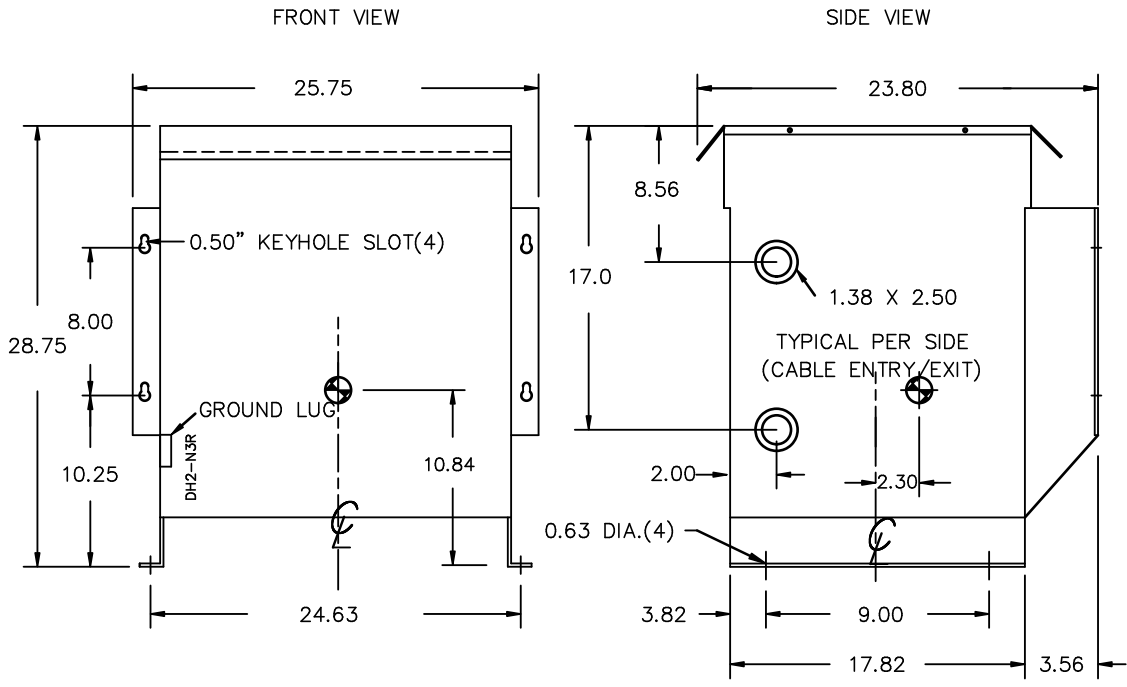
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES
 TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
218	79.3	105	1
213	81.2	102.5	2
208	83.3	100	3
203	85.4	97.5	4
198	87.7	95	5
192	90.0	92.5	6
187	92.5	90	7

Cust. Ref.	Serial No.	480Y/277V	36.1A
Ref. du Client	No. de Serie	10 kV	
Phase	HV/HT	H0 H1 H2 H3	
Type	BIL	208V	83.3A
Cooling	Term Bornes	10 kV	
Refroidissement	LV/BT	X1 X2 X3	
kVA	BIL	DOE 10 CFR PART 431:2016	
Temp. Rise	150 °C	CEE ACT SOR/2018-201	
Echauffement	220 °C		
Temp Class	AL		
Classe Temp	60		
Winding	Regulations		
Enroulement	Reglements		
Frequency	de		
Fréquence Hz	Energétique		
Impedance %			
@ 170 °C			
Encl. Type			
Type de Coffrage			
Weight			
Poids			

SEISMIC QUALIFICATIONS:
 OSP=0136/IBC 2018/ASCE 7-16
 SDS<=2.0g Z/h=1 Ip=1.5

d000186hb



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #14-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #2/0-14 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

- HV TERMINATED AT BOTTOM FRONT
- LV TERMINATED AT TOP FRONT



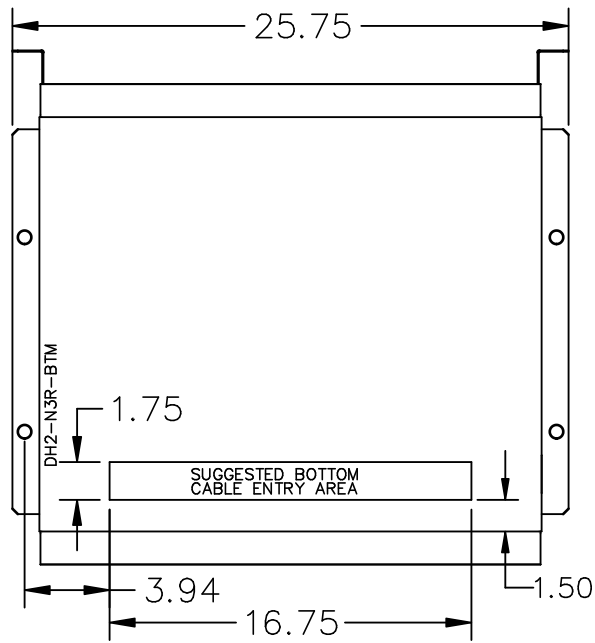
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ENCLOSURE BOTTOM VIEW



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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