



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

3	21/07/16	PP	EDB UPDATE	DES: JWEN
2	20/03/17	PP	SEISMIC UPDATE	DATE: 15/11/09
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSG3C0015KDDC

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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. **SG3C0015KDDC**

LR 3902  
DRY TYPE  
DISTRIBUTION TRANSFORMER  
77US  
E112313

ALSO REFER TO CATALOGUE  
TO ENERGY STANDARDS C900-18  
BY UNDERWRITERS LABORATORIES INC. 3148

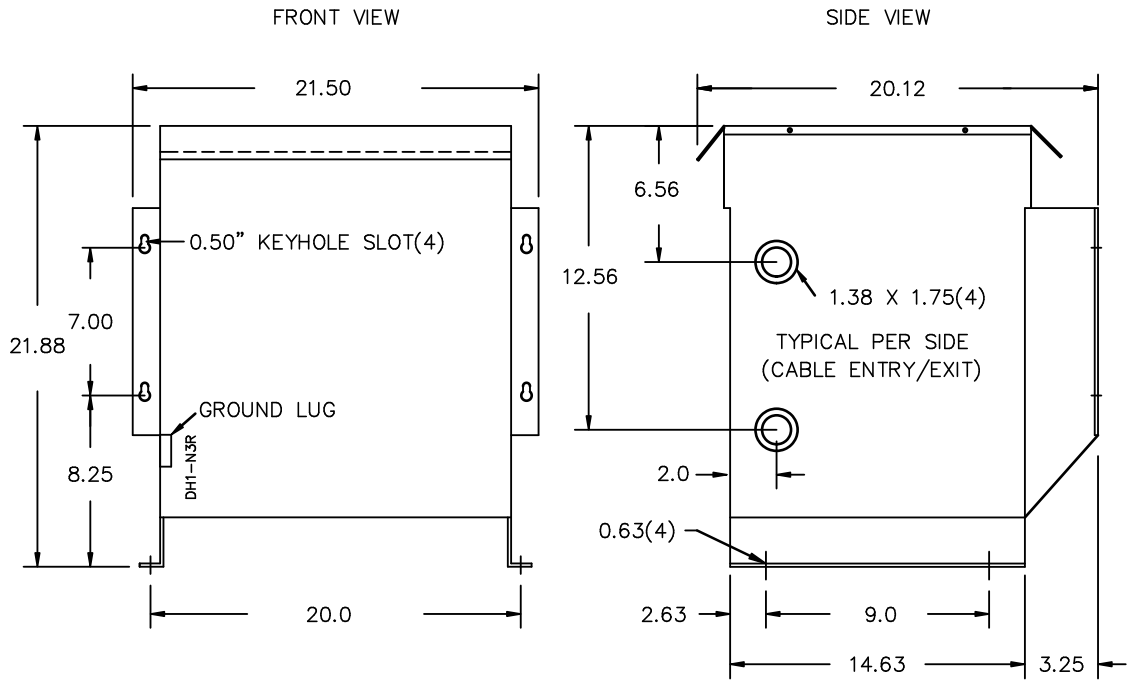
Cust. Ref. Ref. du Client	Serial No. No. de Serie		
Phase	HV/HT	480V	
Type	BIL	10 kV	
Cooling Refroidissement	ANN	H1 H2 H3	
kVA	15	240V	
Temp. Rise Échauffement	150 °C	10 kV	
Temp Class Classe Temp	220 °C	X1 X2 X3	
Winding Enroulement	CU	DOE 10 CFR PART 431:2016	
Frequency Fréquence Hz	60	CEE ACT SOR/2018-201	
Impedance % @ 170 °C	3.6		
Encl. Type Type de Coffrage	3R		
Weight Poids	195		

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
504	17.2	105	1
492	17.6	102.5	2
480	18.0	100	3
468	18.5	97.5	4
456	19.0	95	5
444	19.5	92.5	6
432	20.0	90	7

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES  
X6=120V CT, 5% OF KVA RATING MAXIMUM

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 PAINT OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

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

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CUSTOMER NOTES:

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



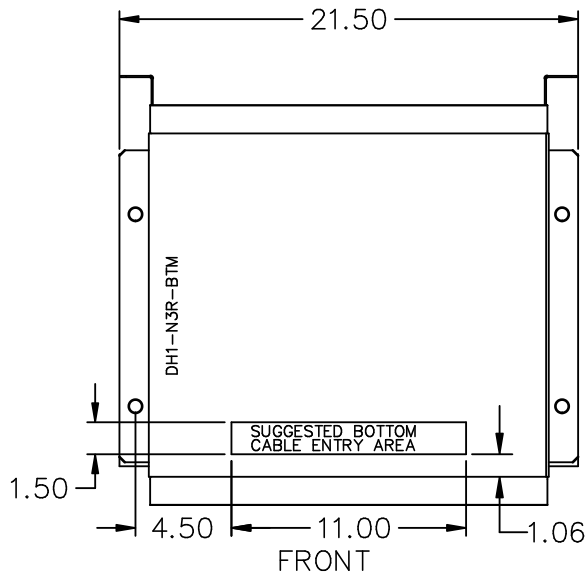
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ENCLOSURE BOTTOM VIEW



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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