




TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
4	21/07/16	PP	EDB UPDATE
3	21/07/09	MM	ADDED C OF G
			DES: JWEN
			DATE: 15/11/09
			SCALE: NTS

SHEET 1 OF 3

EDBSG3A0030KBOC

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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

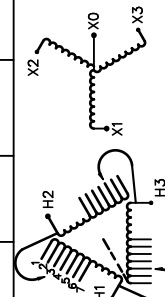
Baraboo, WI
Monterrey, MX

Part No. **SG3A0030KBOC**

LISTED  **LR 3902**
 DRY TYPE TRANSFORMER 8003423123864
 ALSO SEE LISTING AND APPROVALS
 BY UNDERWRITERS LABORATORIES INC. @ 316

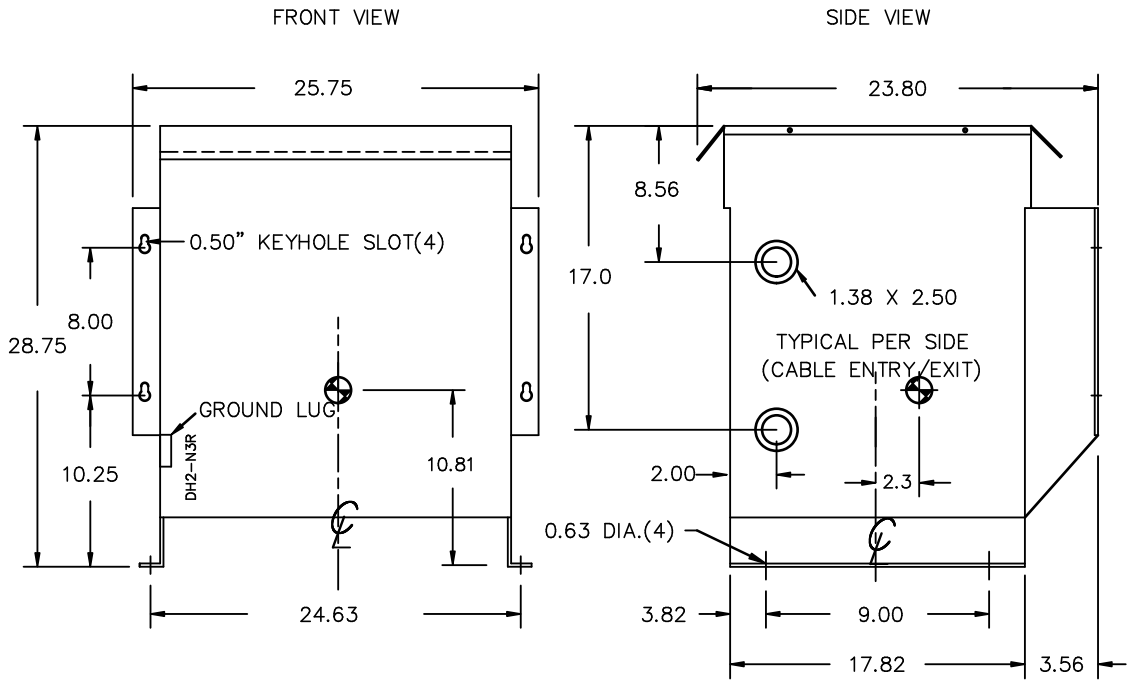
Cust. Ref. Ref. du Client		Serial No. No. de Serie	VOLTS		CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
Phase	3	HV/HT	504	480	34.4	105	1
Type	K	BIL	480	480	35.2	102.5	2
Cooling Refroidissement	ANN	Term Bornes	468	456	36.1	100	3
kVA	30	LV/BT	444	432	37.0	97.5	4
Temp. Rise Échauffement	150 °C	BIL	444	432	39.0	92.5	5
Temp Class Classe Temp	220 °C	Term Bornes			40.1	90	6
Winding Enroulement	CU	Energy Regulations de Énergétique					7
Frequency Fréquence Hz	60						
Impedance % @ 170 °C	3.8						
Encl. Type Type de Coffrage	3R						
Weight Poids	315						

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES



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

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

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

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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