



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

4	22/11/08	RM	CHANGED NPL VER:	DES: RMOVVA
3	21/07/16	PP	EDB UPDATE	DATE: 16/11/14
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSG3A0150KKOC

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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. **SG3A0150KKOC**

**Serial No.** [ ]  
**No. de Serie** [ ]

**Phase** 3 **HV/HT** 480V **180A**

**Type** K **BIL** 10 kV

**Cooling** ANN **Term Bornes** H1 H2 H3

**kVA** 150 **LV/BT** 480Y/277V **180A**

**Temp. Rise** 150 °C **BIL** 10 kV

**Temp Class** 220 °C **Term Bornes** X0 X1 X2 X3

**Winding** CU **Energy Regulations** DOE 10 CFR PART 431:2016

**Frequency** 60 **Reglements de Régulation** CEE ACT SOR/2018-201

**Impedance %** 4.3 **Énergétique** [ ]

**Encl. Type** 3R

**Weight lbs/kg** 955/434

**DRY TYPE TRANSFORMER**  
77US  
E112313

LR 3902

03423112817 3

ALSO REFER TO ENERGY STANDARDS CODES BY UNDERWRITERS LABORATORIES INC. @ 316

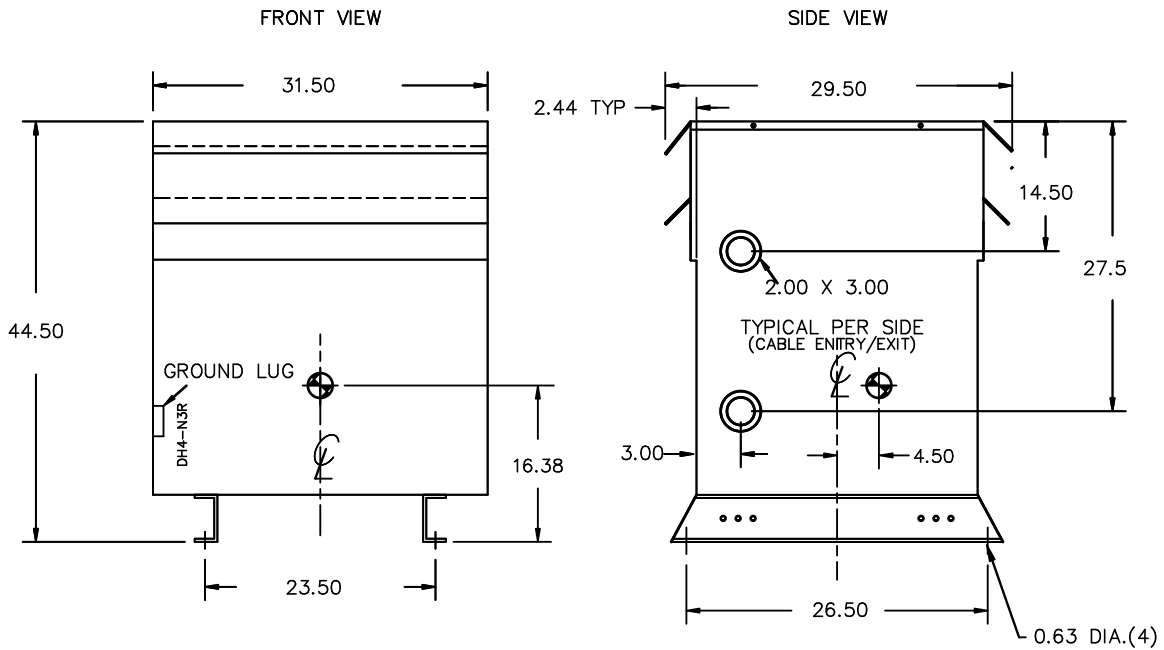
**LISTED**

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

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
504	172	105	1
492	176	102.5	2
480	180	100	3
468	185	97.5	4
456	190	95	5
444	195	92.5	6
432	200	90	7

SEISMIC QUALIFICATIONS:  
AS FLOOR MOUNT ONLY  
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 350MCM-6 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

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CUSTOMER NOTES:

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



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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



TITLE: 3PH DISTRIBUTION TRANSFORMER  
 ENCLOSURE BOTTOM VIEW

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