




TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

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

SHEET 1 OF 3

EDB3CG3C0030KD

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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. **SG3C0030KD**

Serial No. [ ]  
No. de Serie [ ]

Phase 3 HV/HT

Type K BIL

Cooling Refroidissement ANN Term Bornes

kVA 30 LV/BT 72.2A

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement AL Energy Regulations

Frequency Fréquence Hz 60 Reglements de l'Energétique

Impedance % @ 170 °C 4.1

Encl. Type Type de Coffrage 3R

Weight Poids lbs 290

480V 36.1A

10 kV

H1 H2 H3

240V 72.2A

10 kV

X1 X2 X3

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

Customer Reference: [ ]

Order No. [ ]

Transformer Model: [ ]

Manufacturer: [ ]

Part No. [ ]

Weight: [ ]

Dimensions: [ ]

**LISTED**

UL E112313

DRY TYPE TRANSFORMER 77US

LR 3902


03423172416

8

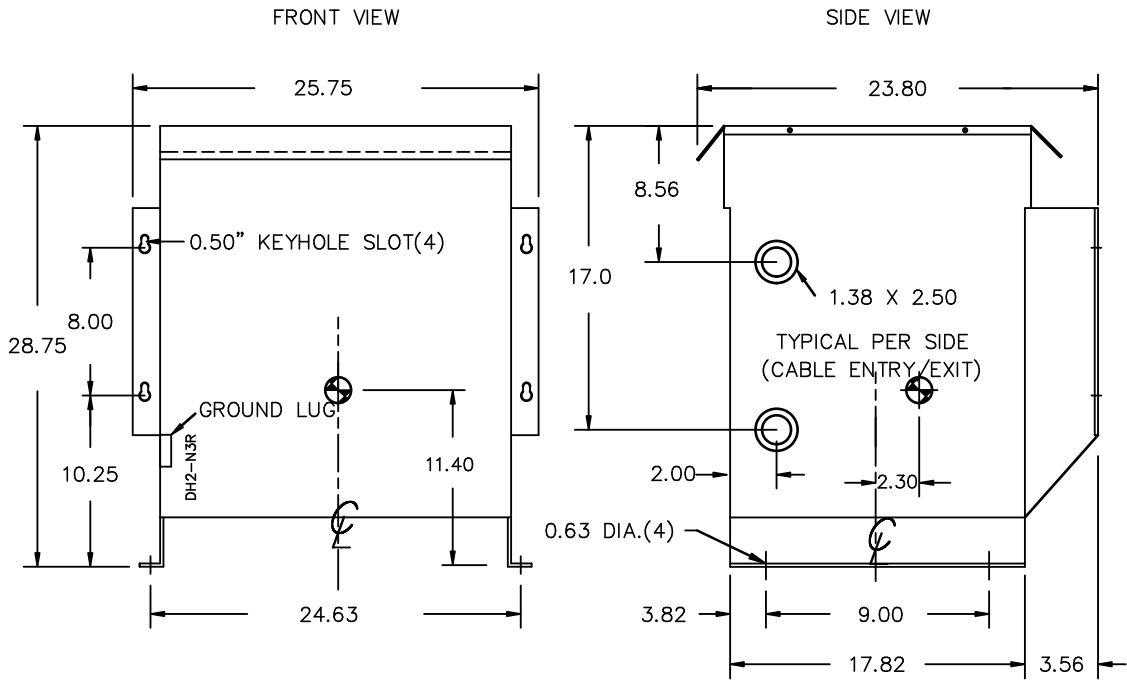
ALSO REFER TO LOCAL LISTINGS FOR ENERGY STANDARDS COMPLIANCE BY UNDERWRITERS LABORATORIES INC. @ 316

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 - 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 TOP FRONT
- LV 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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