



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

1	21/07/16	PP	EDB UPDATE	DES: LCEN
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSG3A0112DB0C

1.0 httpd 2026/06/04 10:23

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. **SG3A0112DB0C**

Cust. Ref. []
Ref. du Client []

Phase 3

Type K

Cooling Refroidissement ANN

kVA 112.5

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement CU

Frequency Fréquence Hz 60

Impedance % @ 170 °C 3.8

Encl. Type Type de Coffrage 3R

Weight Poids lbs 790

Serial No. No. de Serie []

HV/HT 240V

BIL 271A

Term Bornes 10 kV

LV/BT 208Y/120V

BIL 312A

Term Bornes 10 kV

Energy Regulations Règlement de l'Énergétique X0 X1 X2 X3

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

DRY TYPE TRANSFORMER 77US E112313

ALSO SEE ENERGY STANDARDS CRO20-18 BY UNDERWRITERS LABORATORIES INC. @ 3148

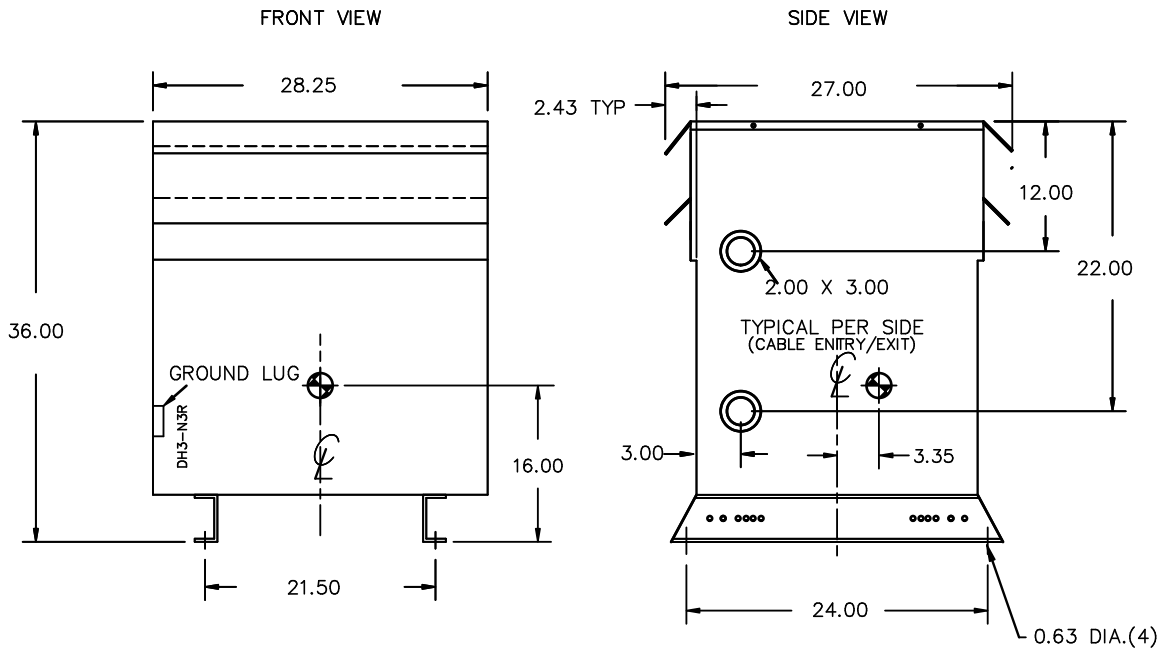
LISTED

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 VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
252	258	105	1
246	264	102.5	2
240	271	100	3
234	278	97.5	4
228	285	95	5
222	293	92.5	6
216	301	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

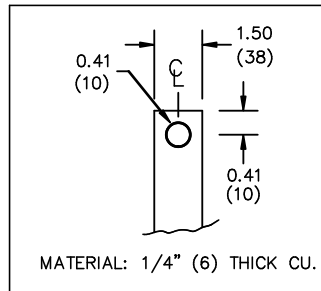
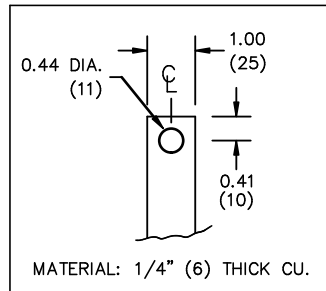
ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

X0 TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 350MCM-6 CU/AL
CONDUCTORS
2 CONDUCTORS PER PHASE



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- X0 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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