



TITLE: 1PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	DES:	CSHAH
2	21/07/16	PP	EDB UPDATE	DATE:	19/05/14
1	20/03/17	PP	SEISMIC UPDATE	SCALE:	NTS

SHEET 1 OF 4

EDBSG3M0037XE

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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. **SG3M0037XE**

Cust. Ref. [] Serial No. []
 Ref. du Client [] No. de Serie []

Phase 1 HV/HT 220X440V 170.5X85.2A

Type F BIL 10 kV

Cooling Refroidissement ANN Term Bornes H1 H3 H2 H4

kVA 37.5 LV/BT 120/240V 312/156A

Temp. Rise Echauffement 150 °C BIL 10 kV

Temp Class Classe Temp 220 °C Term Bornes X4 X2 X3 X1

Winding Enroulement AL Energy Regulations DOE 10 CFR PART 431:2016

Frequency Fréquence Hz 60 Reglements de l'Energétique CEE ACT SOR/2018-201

Impedance % @ 170 °C 6

Encl. Type Type de Coffrage 3R

Weight Poids lbs 320

LISTED

UL E112313
 DRY TYPE TRANSFORMER 800342314133
 ALSO LISTED TO ENERGY STANDARDS CANADA C229-18
 BY UNDERWRITERS LABORATORIES INC. @ 3148

LR 3902

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

SUITABLE FOR OPERATION AT 50HZ

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
440	85.2		H1, H4
416	90.1		H1, H4
400	93.8		H1, H4
380	98.7		H1, H4
220	170.4		H1&H3, H2&H4
208	180.2		H1&H3, H2&H4
200	187.5		H1&H3, H2&H4
190	197.3		H1&H3, H2&H4

SEISMIC QUALIFICATIONS:
 AS FLOOR MOUNT ONLY
 IBC 2018/ASCE 7-16
 SDS<=2.0g Z/h=0 Ip=1.5

d000186hb

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PRIMARY VOLTS	CONNECTION LINES TO	INTER-CONNECT
440	H1,H4	1-H2,2-H3,H2-H3
416	H1,H4	3-H2,4-H3,H2-H3
400	H1,H4	5-H2,6-H3,H2-H3
380	H1,H4	7-H2,8-H3,H2-H3
220	H1,H4	1-H2,2-H3,H1-H3,H2-H4
208	H1,H4	3-H2,4-H3,H1-H3,H2-H4
200	H1,H4	5-H2,6-H3,H1-H3,H2-H4
190	H1,H4	7-H2,8-H3,H1-H3,H2-H4
SECONDARY VOLTS	CONNECTION LINES TO	INTER-CONNECT
240	X1,X4	X2-X3
120	X1,X4	X1-X3,X2-X4
120/240	X1,X2,X4	X2-X3

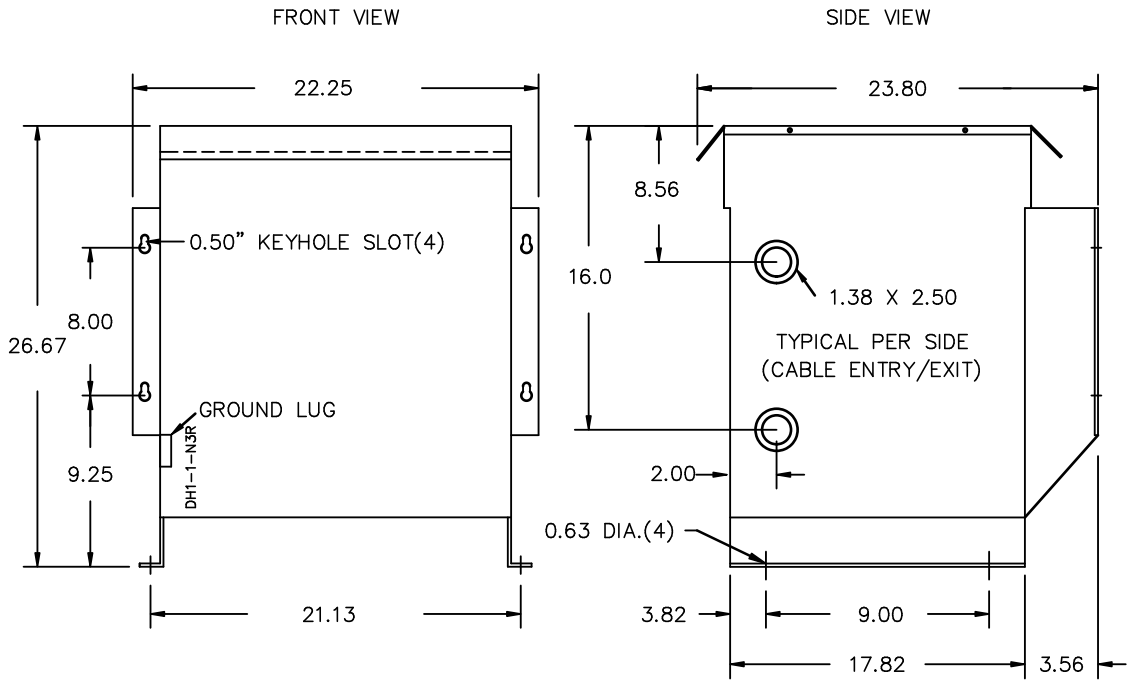


TITLE: 1PH DISTRIBUTION TRANSFORMER
ENCLOSURE BOTTOM VIEW

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All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

CUSTOMER NOTES:

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

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