




TITLE: 1PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

3	21/07/16	PP	EDB UPDATE	DES: LCEN
2	20/03/17	PP	SEISMIC UPDATE	DATE: 17/06/29
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSG3L0075BE

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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. **SG3L0075BE**

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

Phase 1

Type F

Cooling Refroidissement ANN

kVA 75

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement AL

Frequency Réglements de l'Énergétique 60

Impedance % @ 170 °C 6

Encl. Type Type de Coffrage 3R

Weight Poids lbs 44.5

Serial No. [ ]  
No. de Serie [ ]

HV/HT 208V

BIL 10 kV

Term Bornes H1 H2

LV/BT 120/240V 625/312A

BIL 10 kV

Term Bornes X4 X2 X3 X1

Energy Regulations Énergétique DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES  
TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
218	343	105	1-2
213	352	102.5	2-3
208	361	100	3-4
203	370	97.5	4-5
198	380	95	5-6
120	625		X4&X2, X3&X1
240	312		X1, X4

LISTED BY UNDERWRITERS LABORATORIES INC. @ 316

DRY TYPE TRANSFORMER 77US E112313

8 034231740519

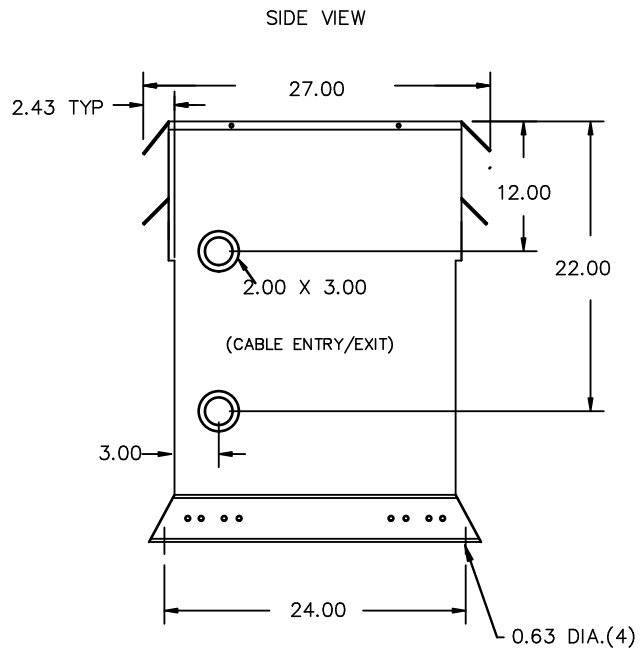
ALSO REFER TO UNDERWRITERS LABORATORIES INC. @ 316

BY UNDERWRITERS LABORATORIES INC. @ 316

SEISMIC QUALIFICATIONS:  
AS FLOOR MOUNT ONLY  
IBC 2018/ASCE 7-16  
SDS<=2.0g Z/h=1 Ip=1.5

THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

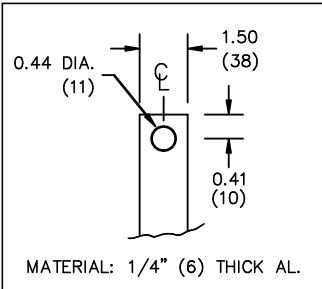
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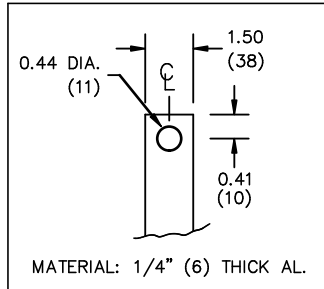
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

LV1 TERMINAL DETAIL



HV TERMINAL DETAIL



CUSTOMER NOTES:

- LV1 TERMINATED AT TOP FRONT
- HV 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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