



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

EDB SG3A0750KB

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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. **SG3A0750KB**

LISTED  **LR 3902**
 DRY TYPE TRANSFORMER 800342312383 3
 ALSO REFER TO CATALOGUE
 TO ENERGY STANDARDS CROU-18
 BY UNDERWRITERS LABORATORIES INC. 0148

Cust. Ref.

Ref. du Client

Serial No.

No. de Serie

Phase 3 HV/HT 480V 902A

Type K BIL 10 kV

Cooling ANN Term Bornes H1 H2 H3

Refrédissement

kVA 750 LV/BT 208Y/120V 2082A

Temp. Rise 150 °C BIL 10 kV

Echauffement

Temp Class 220 °C Term Bornes X0 X1 X2 X3

Classe Temp

Winding AL Energy Regulations DOE 10 CFR PART 431:2016

Enroulement

Frequency 60 Reglements CEE ACT SOR/2018-201

Fréquence Hz

Impedance % 6.1

① 170 °C

Encl. Type 3R

Type De Coffrage

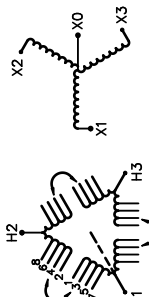
Weight 4150

Poids

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
504	859	105	1-2
492	880	102.5	2-3
480	902	100	3-4
468	925	97.5	4-5
456	950	95	5-6
444	975	92.5	6-7
432	1002	90	7-8

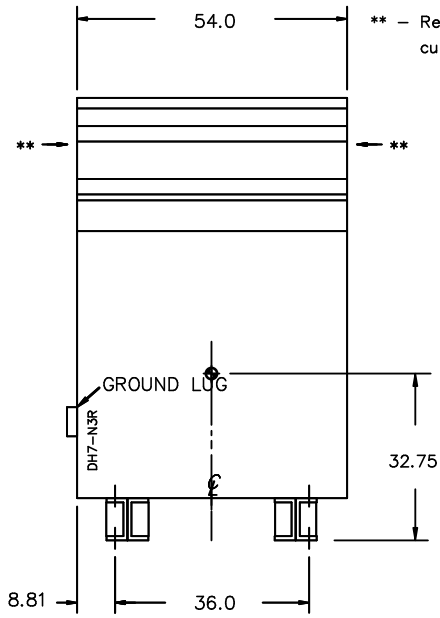
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES

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



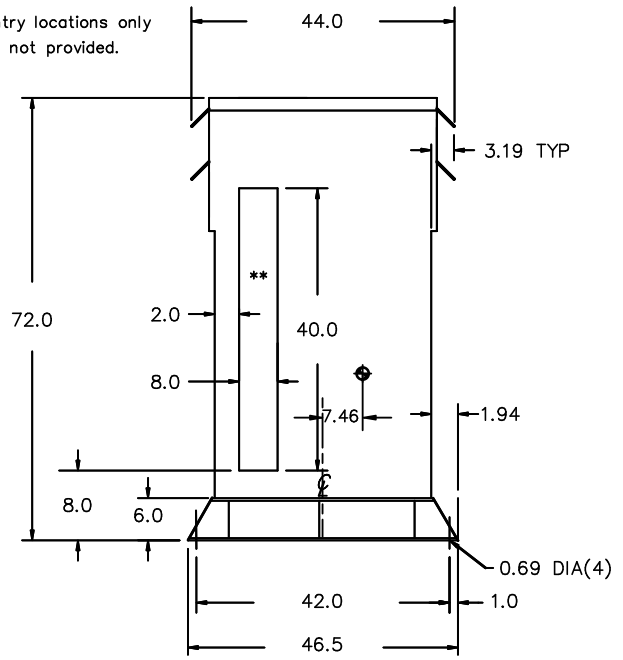
d000186hb

FRONT VIEW



** - Recommended cable entry locations only cutouts & gland plates not provided.

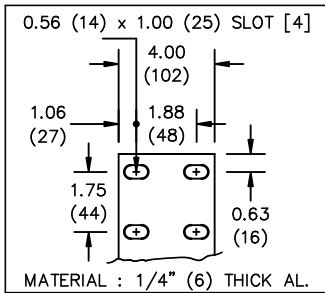
SIDE VIEW



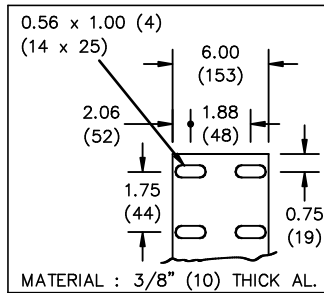
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

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



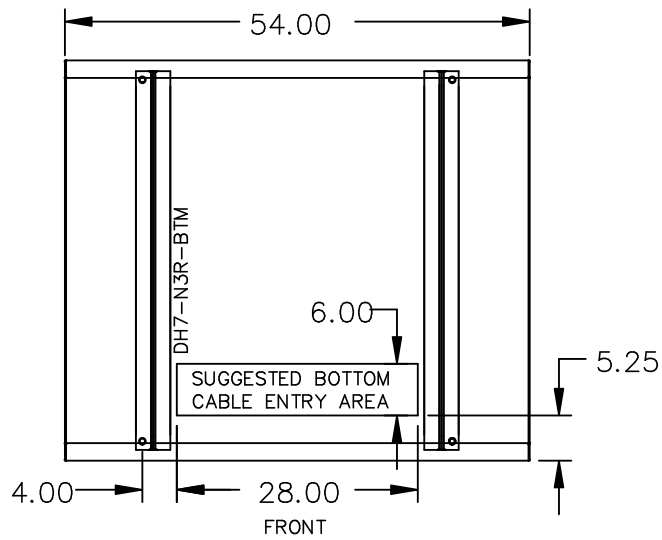
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ENCLOSURE BOTTOM VIEW



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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