




TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
4	21/07/16	PP	EDB UPDATE
3	20/03/17	PP	SEISMIC UPDATE
			DES: JWEN
			DATE: 15/11/09
			SCALE: NTS

SHEET 1 OF 3

EDBSC3A0500KB

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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. **SG3A0500KB**


LISTED



UL E112313
UL 77US E112313

DRY TYPE DISTRIBUTION TRANSFORMER
800 3423 12382 x6
ALSO SEE LISTING AND APPROVALS
TO ENERGY STANDARDS BOARD
BY UNDERWRITERS LABORATORIES INC. 0148

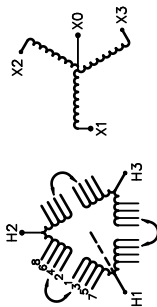
LR 3902



03423123826

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

VOLTS	CURRENT COURANT	% RATED VOLTAGE TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
504	573	105	1-2
492	587	102.5	2-3
480	601	100	3-4
468	617	97.5	4-5
456	633	95	5-6
444	650	92.5	6-7
432	668	90	7-8



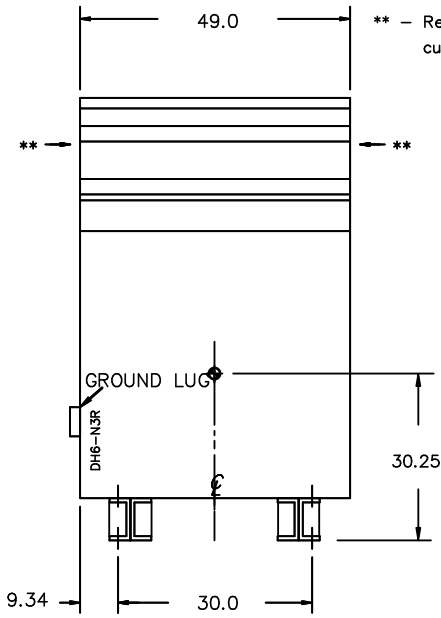
H1 H2 H3 X0 X1 X2 X3

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

Cust. Ref. Ref. du Client	Serial No. No. de Serie	480V	601A
Phase	HV/HT	10 kV	
Type	BIL	H1 H2 H3	
Cooling Refrondissement	ANN	208Y/120V	1388A
kVA	500	10 kV	
Temp. Rise Échauffement	150 °C	X0 X1 X2 X3	
Temp Class Classe Temp	220 °C	DOE 10 CFR PART 431:2016	
Winding Enroulement	AL	CEE ACT SOR/2018-201	
Frequency Fréquence Hz	60		
Impedance % @ 170 °C	5.1		
Encl. Type Type de Coffrage	3R		
Weight Poids	2750/1248		

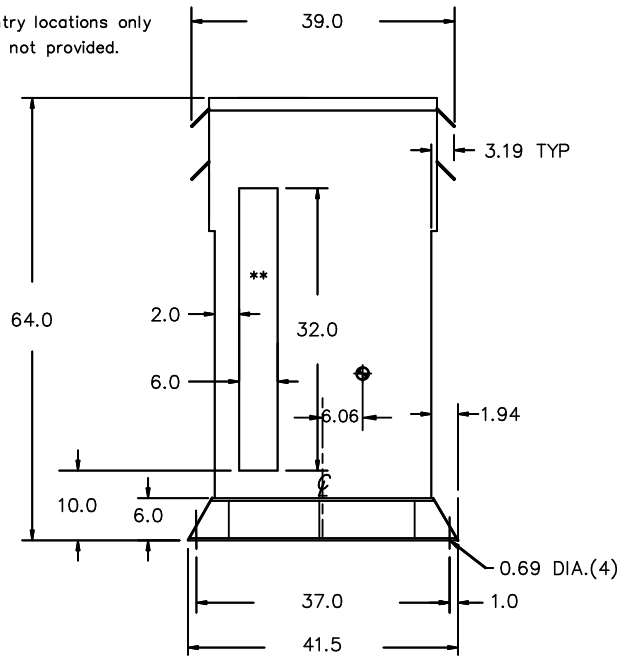
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FRONT VIEW



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

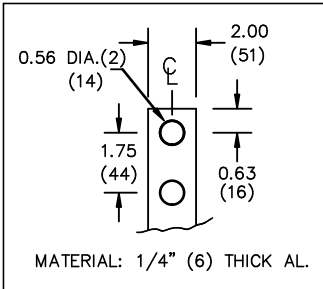
SIDE VIEW



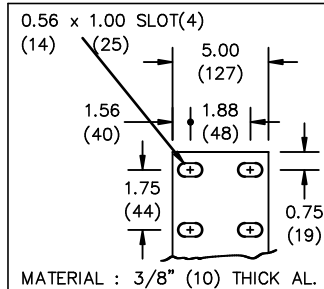
All Dimensions in inches

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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