

- IMPEDANCE SHOWN IS CALCULATED VALUE - NOT GUARANTEED




TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

DES:	DCORTEZ
DATE:	23/09/13
SCALE:	NTS

SHEET 1 OF 3

EDBSG3A0750KYOC

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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. **SG3A0750KYOC**

**LISTED**



UL 715 E112313  
DRY TYPE DISTRIBUTION TRANSFORMER  
80034231128135  
ALSO LISTED TO THE IEC STANDARD IEC 60074-18  
BY UNDERWRITERS LABORATORIES INC. @ 316

LR 3902

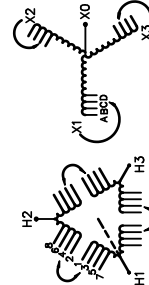


Cust. Ref. Ref. du Client		Serial No. No. de Serie	VOLTS		CURRENT COURANT	% RATED VOLTAGE TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
3		HV/HT	480V	902A	859	105	1-2
K		BIL	10 kV		880	102.5	2-3
ANN		Term Bornes	H1 H2 H3		902	100	3-4
750		LV/BT	393Y /227V	1101.8A	925	97.5	4-5
150 °C		BIL	10 kV		950	95	5-6
220 °C		Term Bornes	X0 X1 X2 X3		975	92.5	6-7
CU		Energy Regulations	DOE 10 CFR PART 431:2016		1002	90	7-8
60		Reglements de Énergétique	CEE ACT SOR/2018-201		984.1		A
6.0		Impedance % @ 170 °C			1040.8		B
3R		Encl. Type Type de Coffrage			1101.8		C
4680/2123		Weight lbs/kg Poids			1170.3		D

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

RATOR ERROR +/- 1.3% MAXIMUM AT SOME SECONDARY TAPS ONLY ONE LV TAP IN USE AT A TIME

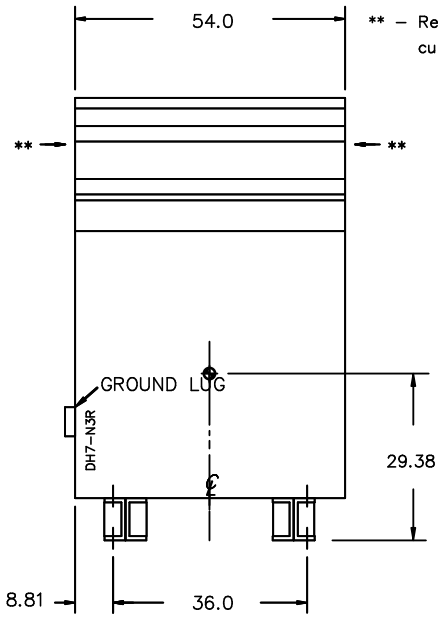
FOR DESIRED SECONDARY TAP VOLTAGE, RE-LOCATE PROVIDED TERMINATION PADS



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

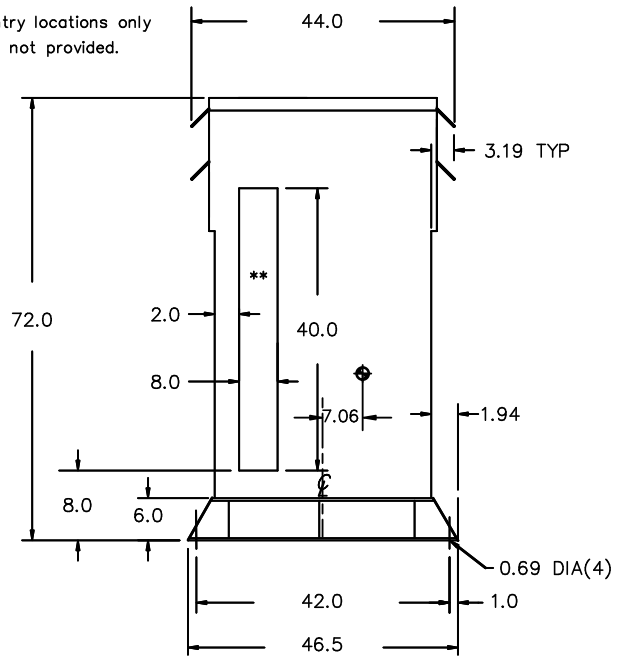
THIS DRAWING CONTAINS STRICKLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW



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

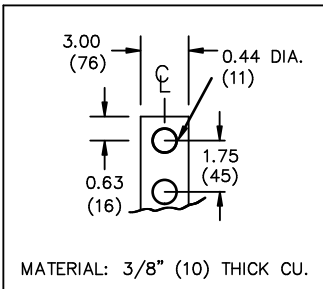
SIDE VIEW



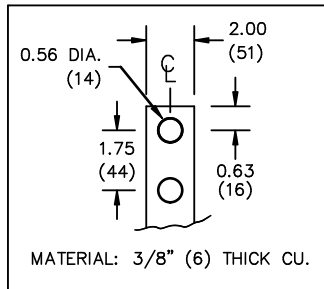
All Dimensions in inches

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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SHEET 2 OF 3

EDBSC3A0750K100

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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EDBSC3A0750K10C