


- IMPEDANCE SHOWN IS CALCULATED VALUE

d000186hb



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. **SG3A0750KY**

DRY TYPE DISTRIBUTION TRANSFORMER
E112313

ALSO REFER TO THE FOLLOWING STANDARDS:
UL 1568 AND IEC 60074-18
BY UNDERWRITERS LABORATORIES INC. 0198

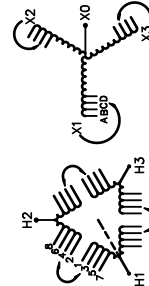


LISTED



8 03423 112802 19

Cust. Ref. Ref. du Client		Serial No. No. de Serie	VOLTS		CURRENT COURANT	% RATED VOLTAGE TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
Phase	3	HV/HT	480V	902A	859	105	1-2
Type	K	BIL	10 kV		880	102.5	2-3
Cooling Refrondissement	ANN	Term Bornes	H1 H2 H3		902	100	3-4
kVA	750	LV/BT	400Y /231V 1082.5A		925	97.5	4-5
Temp. Rise Échauffement	150 °C	BIL	10 kV		950	95	5-6
Temp Class Classe Temp	220 °C	Term Bornes	X0 X1 X2 X3		1002	92.5	6-7
Winding Enroulement	AL	Energy Regulations	DOE 10 CFR PART 431:2016		1007	90	7-8
Frequency Hz	60	Reglements Énergétique	CEE ACT SOR/2018-201		1040.8		A
Impedance % @ 170 °C	6.6				1082.5		B
Encl. Type Type de Coffrage	3R				1139.5		C
Weight Poids	5200						D



RATOR ERROR +/- 1.5% MAXIMUM AT SOME SECONDARY TAPS
ONLY ONE LV TAP IN USE AT A TIME

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

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



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

2	21/07/16	PP	EDB UPDATE	DES: MABDELAT
1	20/03/17	PP	SEISMIC UPDATE	DATE: 18/05/29
NO.	DATE	BY	REVISION	SCALE: NTS

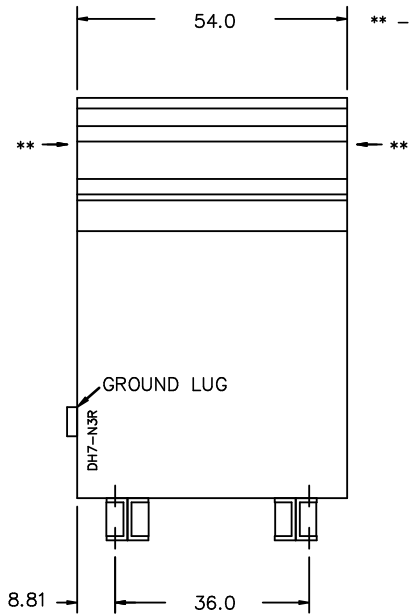
SHEET 1 OF 3

EDB SG3A0750KY

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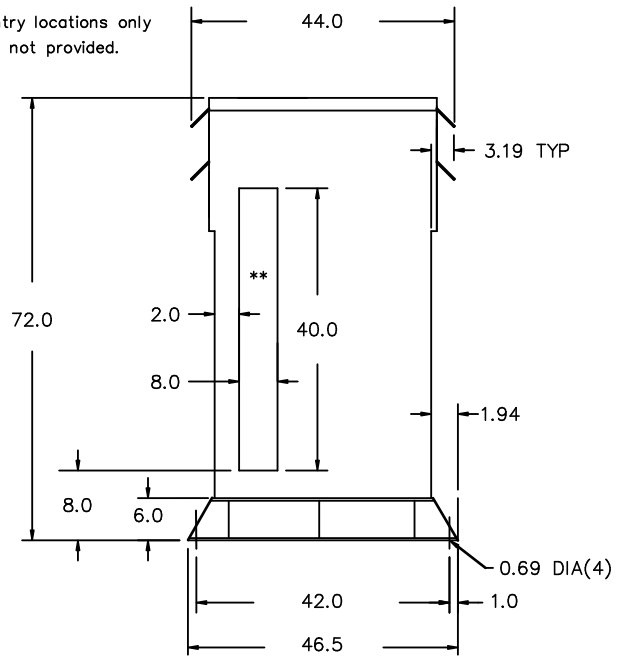
THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW



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

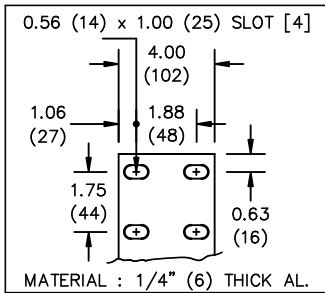
SIDE VIEW



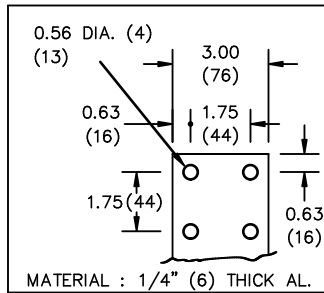
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

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



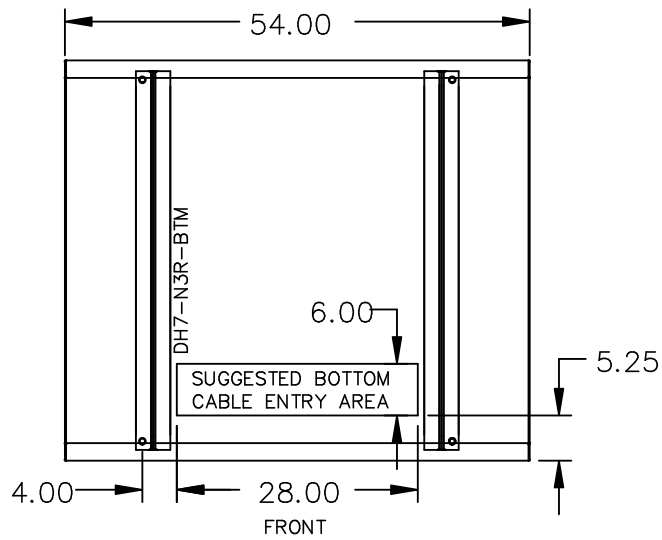
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ENCLOSURE BOTTOM VIEW



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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