


- 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 SEE ENERGY EFFICIENT STANDARDS CROQ 15-18
BY UNDERWRITERS LABORATORIES INC. 016



LISTED



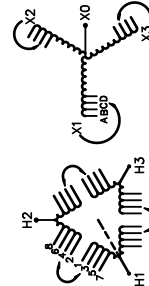
8 03423 112802 19

VOLTS	CURRENT COURANT	% RATED VOLTAGE TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
504	859	105	1-2
480	880	102.5	2-3
468	902	100	3-4
456	925	97.5	4-5
444	975	95	5-6
432	1002	92.5	6-7
420		90	7-8
SECONDARY			
430	1007		A
416	1040.8		B
400	1082.5		C
380	1139.5		D

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

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



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

Cust. Ref.	Serial No.	
Ref. du Client	No. de Serie	
Phase	HV/HT	480V 902A
Type	BIL	10 kV
Cooling	Term	H1 H2 H3
Refrédissement	Bornes	
kVA	LV/BT	400Y /231V 1082.5A
Temp. Rise	BIL	10 kV
Echauffement	Term	X0 X1 X2 X3
Temp Class	Bornes	DOE 10 CFR PART 431:2016
Classe Temp	Energy	CEE ACT SOR/2018-201
Enroulement	Regulations	
Frequency Hz	Reglements	
Impedance %	Energétique	
@ 170°C		
Encl. Type		
Type de Coffrage		
Weight lbs		5200
Poids		

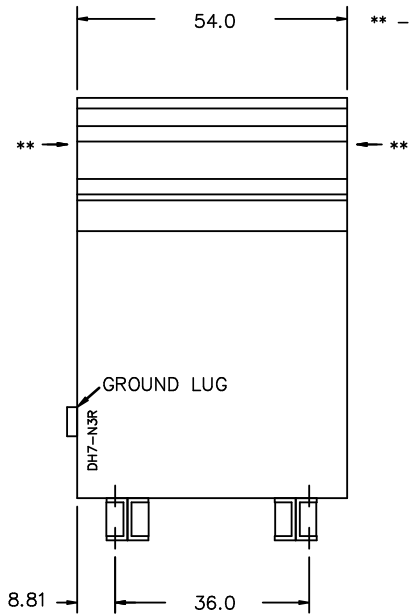


TITLE: 3PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION			
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE
NO.	DATE	BY	REVISION
			DES: MABDELAT
			DATE: 18/05/29
			SCALE: NTS

SHEET 1 OF 3

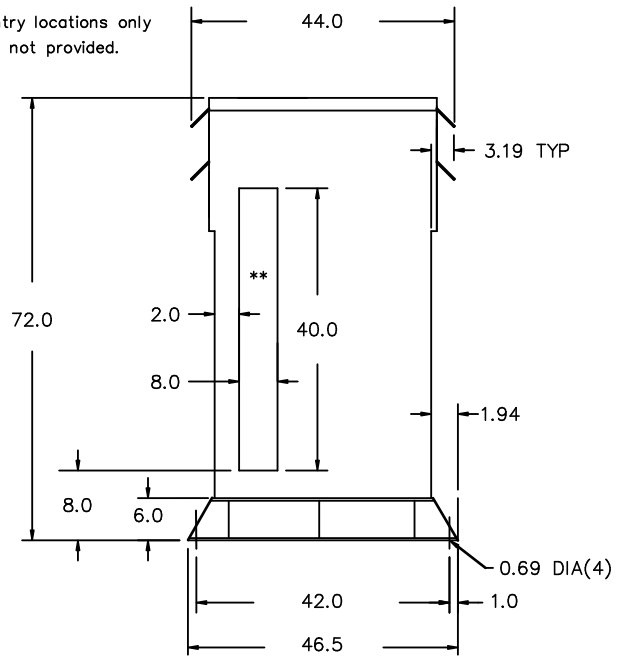
EDB SG3A0750KY

FRONT VIEW



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

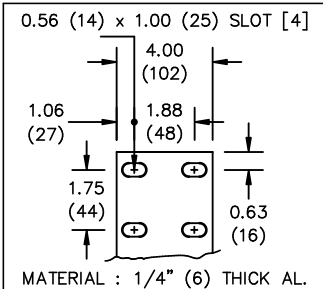
SIDE VIEW



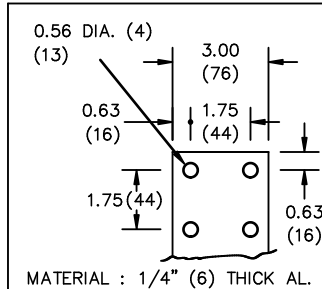
All Dimensions in inches

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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