



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION


3	21/07/16	PP	EDB UPDATE	DES: RMOVVA
2	20/03/17	PP	SEISMIC UPDATE	DATE: 16/02/08
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSG3A0300BKOC

3.0 httpd 2026/05/05 10:25

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




**POWER SOLUTIONS**  
Guelph, ONT Compton, CA Hyderabad, IN  
Baraboo, WI Monterrey, MX

**HPS Sentinel™ G**  
Energy Efficient Distribution Transformer  
Transformateur de Distribution à Bon Rendement Énergétique


Part No. **SG3A0300BKOC**

DRY TYPE  
77US  
E112313

LR 3902



LISTED



8 03423 12745 9

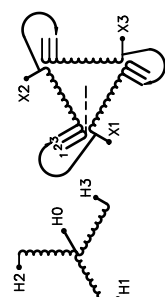
ALSO REFER TO ENERGY STANDARDS C22.1-18  
BY UNDERWRITERS LABORATORIES INC. 0148

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT

TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY

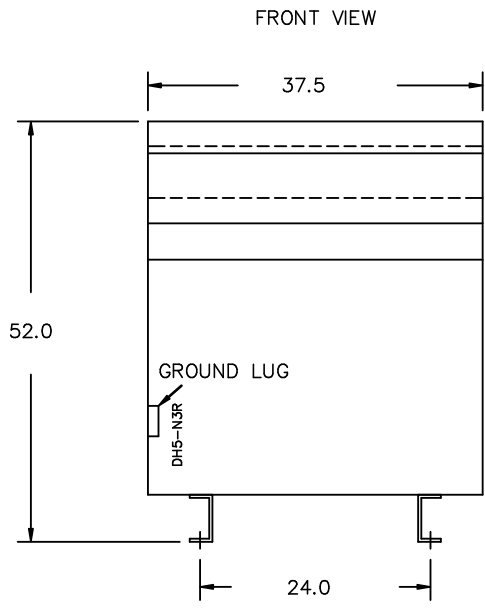
VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
218 208 198	793 833 877	105 100 95	1 2 3

Cust. Ref. Ref. du Client	Serial No. No. de Serie	480Y/277V	361A
Phase	HV/HT	10 kV	
Type	BIL	H0 H1 H2 H3	
Cooling Refroidissement	ANN	208V	833A
kVA	300	10 kV	
Temp. Rise Échauffement	150 °C	DOE 10 CFR PART 431:2016	
Temp Class Classe Temp	220 °C	CEE ACT SOR/2018-201	
Winding Enroulement	CU		
Frequency Fréquence Hz	60		
Impedance % @ 170 °C	5.5		
Encl. Type Type de Coffrage	3R		
Weight Poids	1900		

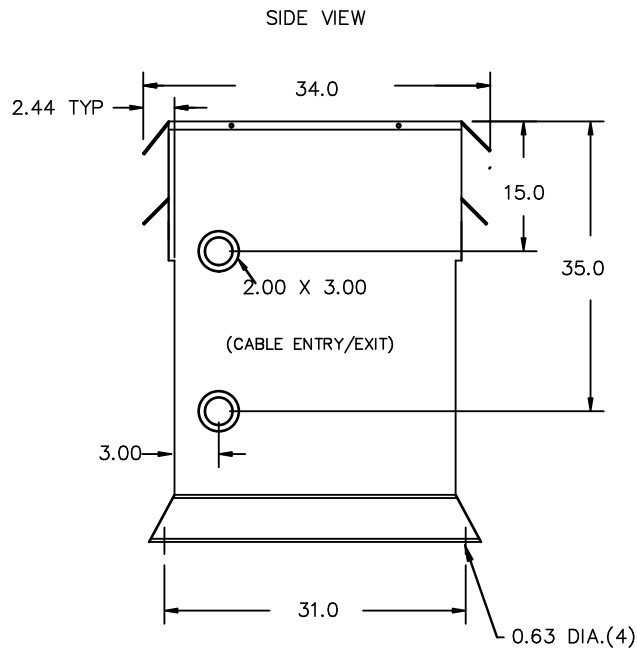


SEISMIC QUALIFICATIONS:  
AS FLOOR MOUNT ONLY  
IBC 2018/ASCE 7-16  
SDS<=2.0g Z/h=0 Ip=1.5

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

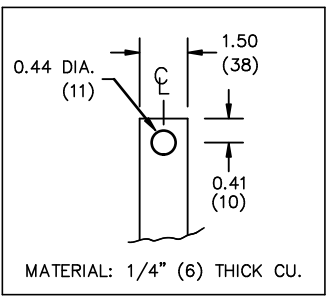


All Dimensions in inches

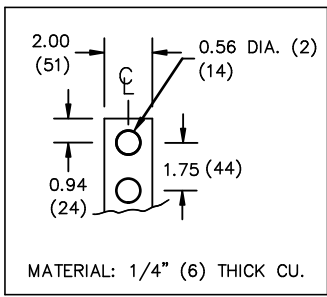


ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

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



TITLE: 3PH DISTRIBUTION TRANSFORMER

3	21/07/16	PP	EDB UPDATE	DES: RMOVVA
2	20/03/17	PP	SEISMIC UPDATE	DATE: 16/02/08
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 2 OF 3

EDBSC3A0300BK0C

3.0 httpd 2026/05/05 10:25

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



TITLE: 3PH DISTRIBUTION TRANSFORMER  
 ENCLOSURE BOTTOM VIEW

3	21/07/16	PP	EDB UPDATE	DES: RMOVVA
2	20/03/17	PP	SEISMIC UPDATE	DATE: 16/02/08
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 3 OF 3

EDBSC3A0300BK0C