



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


NO.	DATE	BY	REVISION
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE
			DES: RMOVVA
			DATE: 19/04/04
			SCALE: NTS

SHEET 1 OF 3

EDBSG3A0500KYOC

2.1 httpd 2026/04/02 11:00

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




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. **SG3A0500KYOC**

hammond LR 3902
DRY TYPE DISTRIBUTION TRANSFORMER
771US E112313
ALSO REFER TO THE NAMEPLATE FOR THE ENERGY STANDARDS CODES
BY UNDERWRITERS LABORATORIES INC. @ 316



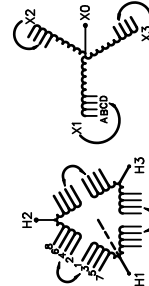
LISTED



8 03423 112812 8

Cust. Ref. Ref. du Client	Serial No. No. de Serie		
Phase	HV/HT	480V	601 A
Type	BIL	10 kV	
Cooling Refrondissement	Term Bornes	H1 H2 H3	
kVA	LV/BT	400Y/231V	721.7 A
Temp. Rise Échauffement	BIL	10 kV	
Temp Class Classe Temp	Term Bornes	X0 X1 X2 X3	
Winding Enroulement	Energy Regulations	DOE 10 CFR PART 431:2016	
Frequency Fréquence Hz	Reglements de Énergétique	CEE ACT SOR/2018-201	
Impedance % @ 170°C			
Encl. Type Type de Coffrage			
Weight Poids			3800

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
504	57.3	105	1-2
492	58.7	102.5	2-3
480	60.1	100	3-4
468	61.7	97.5	4-5
456	63.3	95	5-6
444	65.0	92.5	6-7
432	66.8	90	7-8
SECONDARY			A
430	671.3		B
416	693.9		C
400	721.7		D
380	759.7		



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

d000186hb

FRONT VIEW



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

SIDE VIEW



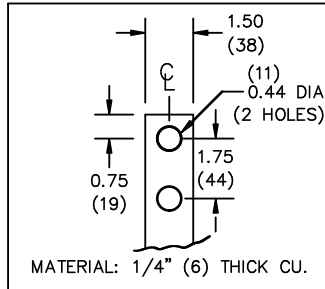
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- XO TERMINATION AT TOP FRONT.

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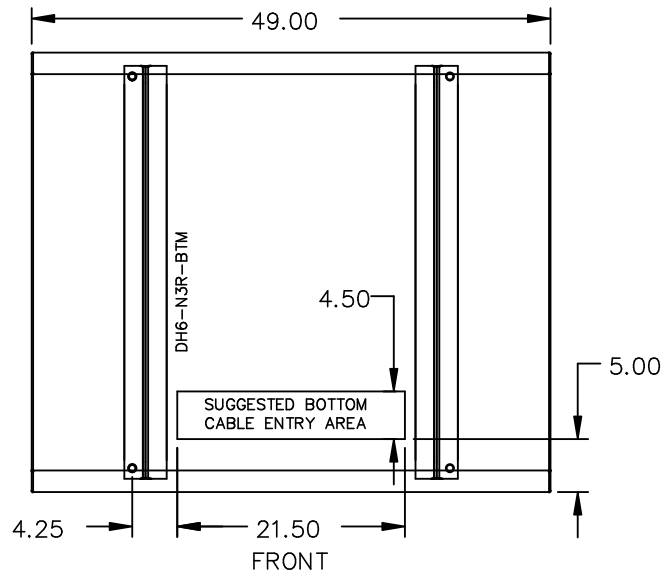
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ENCLOSURE BOTTOM VIEW



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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