



TITLE: 1PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	SCALE:
2	21/07/16	PP	EDB UPDATE	DES: PPICASSI
1	20/03/17	PP	SEISMIC UPDATE	DATE: 17/04/27
				SCALE: NTS

SHEET 1 OF 3

EDBSC3L0050PE

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Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI
Guelph, ONT
Hyderabad, IN Compton, CA Monterrey, MX

Part No. **SG3L0050PE**

LR 3902

DRY TYPE
FORMER
77US
E112313

ALSO REFER TO THE STANDARDS
BY UNDERWRITERS LABORATORIES INC. @ 316

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
630	79.4	105	1-2
615	81.3	102.5	2-3
600	83.3	100	3-4
585	85.5	97.5	4-5
570	87.7	95	5-6
120	416.7		X4&X2, X3&X1
240	208.3		X1, X4

Cust. Ref.	Serial No.	
Ref. du Client	No. de Serie	
Phase	HV/HT	600V 83.3A
Type	BIL	10 kV
Cooling	Term	H1 H2
Refrédissement	Bornes	
kVA	LV/BT	120/240V 416.7/208A
Temp. Rise	BIL	10 kV
Echauffement	Term	X4 X3 X2 X1
Temp Class	Bornes	
Classe Temp	Energy	DOE 10 CFR PART 431:2016
Enroulement	Regulations	CEE ACT SOR/2018-201
Frequency Hz	Reglements	
Impedance %	Energétique	
@ 170°C		
Encl. Type		
Type de Coffrage		
Weight		
Poids		335

SEISMIC QUALIFICATIONS:
OSP=0136/IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=1 Ip=1.5

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES

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

d000186hb

FRONT VIEW



SIDE VIEW



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #2/0-14 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 600MCM-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

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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