



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

3	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE	DES: RMOVVA
2	21/07/16	PP	EDB UPDATE	DATE: 18/06/18
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDB SG3A0150DKOC

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**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. **SG3A0150DKOC**

LR 3902  
DRY TYPE DISTRIBUTION TRANSFORMER  
77US E112313  
UL LISTED  
ALSO SEE ENERGY EFFICIENT STANDARDS CRO20-18  
BY UNDERWRITERS LABORATORIES INC. @ 316

0342312776 3  
0000186hb

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
252	344	105	1
246	352	102.5	2
240	361	100	3
234	370	97.5	4
228	380	95	5
222	390	92.5	6
216	401	90	7

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

SEISMIC QUALIFICATIONS:  
AS FLOOR MOUNT ONLY  
IBC 2018/ASCE 7-16  
SDS<=2.0g Z/h=1 Ip=1.5

Cust. Ref. Ref. du Client	Serial No. No. de Serie	480Y/277V	180A
Phase	HV/HT	10 kV	
Type	BIL	H0 H1 H2 H3	
Cooling Refrondissement	ANN	240V	361A
kVA	150	10 kV	
Temp. Rise Échauffement	150 °C	X1 X2 X3	
Temp Class Classe Temp	220 °C	DOE 10 CFR PART 431:2016	
Winding Enroulement	CU	CEE ACT SOR/2018-201	
Frequency Fréquence Hz	60		
Impedance % @ 170 °C	4.5		
Encl. Type Type de Coffrage	3R		
Weight Poids	950		

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

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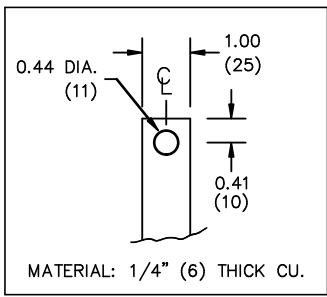
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 350MCM-6 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE



CUSTOMER NOTES:

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



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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

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