



Hammond Power Solutions Inc.


TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

1	17/04/03	JW	ADDED ENCL BOTTOM DRAWING	DES: JWEN
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3


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Hammond Power Solutions
Guelph, ONT Compton, CA

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



LR 3902
DRY TYPE TRANSFORMER 877US E112313
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-12

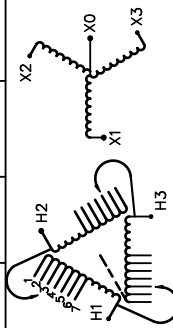
Part No. **SG3A0030KB**

Serial No. []
No. de Serie []

Cust. Ref. Ref. du Client	3	HV/HT	480V	VOLTS	504 492 480 468 456 444 432	CURRENT COURANT	34.4 35.2 36.1 37.0 38.0 39.0 40.1	% RATED VOLTAGE % TENSION NOMINALE	105 102.5 100 97.5 95 92.5 90	CONNECTION EACH PHASE CONNECTION PAR PHASE	1 2 3 4 5 6 7
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Type K
Cooling Refroidissement ANN
kVA 30
Temp. Rise Echauffement 150 °C
Temp Class Classe Temp 220 °C
Winding Enroulement AL
Frequency Fréquence Hz 60
Impedance % @ 170 °C 4.1
Encl. Type Type de Coffrage 3R
Wt. LBS Poids en lbs 335

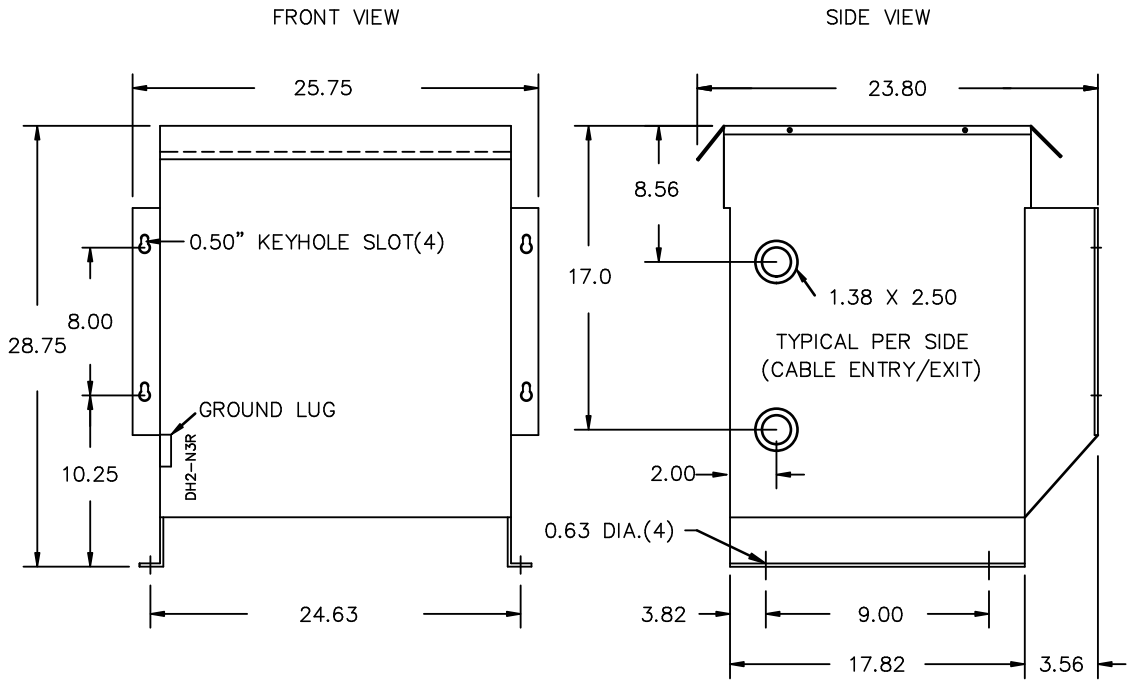
Term. Bornes H1 H2 H3
LV/BT 208Y/120V
BIL 10
Term. Bornes X0 X1 X2 X3
DOE 10 CFR PART 431:2016
CEE ACT SOR/2016-311
AMENDMENT 14



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

SEISMIC QUALIFICATIONS: OSP-0136-10
AS FLOOR MOUNT ONLY
IBC 2012/ASCE 7-10
SDS<=2.0g Z/h=1 Ip=1.5

d000186hb



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

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

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

CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT



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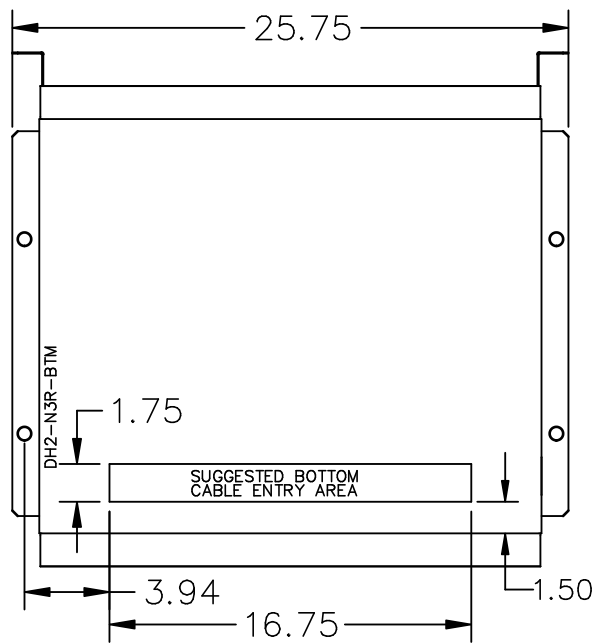
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SHEET 2 OF 3

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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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1	17/04/03	JW	ADDED ENCL BOTTOM DRAWING	JWEN	NTS
				DATE: 15/11/09	

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