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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
FORMER 8
77US
E112313

ALSO VERIFIED IN ACCORDANCE
TO ENERGY STANDARD C802.2-12

LISTED

Hammond Power Solutions
Baraboo, WI
Monterrey, MX

Part No. **SG3A0045KB**

Cust. Ref. Ref. du Client	Serial No. No. de Serie	VOLTS	CURRENT COURANT	% RATED VOLTAGE TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
		504	51.5	105	1
		492	52.8	102.5	2
		480	54.1	100	3
		468	55.5	97.5	4
		456	57.0	95	5
		444	58.5	92.5	6
		432	60.1	90	7

Phase: 3 HV/HT: 480V

Type: K BIL: 10

Cooling: ANN Term Bornes: H1 H2 H3

kVA: 45 LV/BT: 208Y/120V

Temp. Rise: 150 °C BIL: 10

Temp Class: 220 °C Term Bornes: X0 X1 X2 X3

Winding: AL Energy Regulations: DOE 10 CFR PART 431:2016

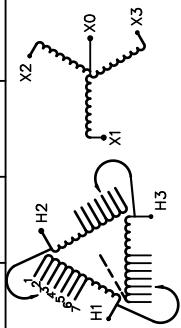
Frequency: 60 Hz Reglements de l'Énergétique: CEE ACT SOR/2016-311 AMENDMENT 14

Impedance: 4.6 % @ 170 °C

Encl. Type: 3R

Wt. LBS: 380

Poids en lbs: 380



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



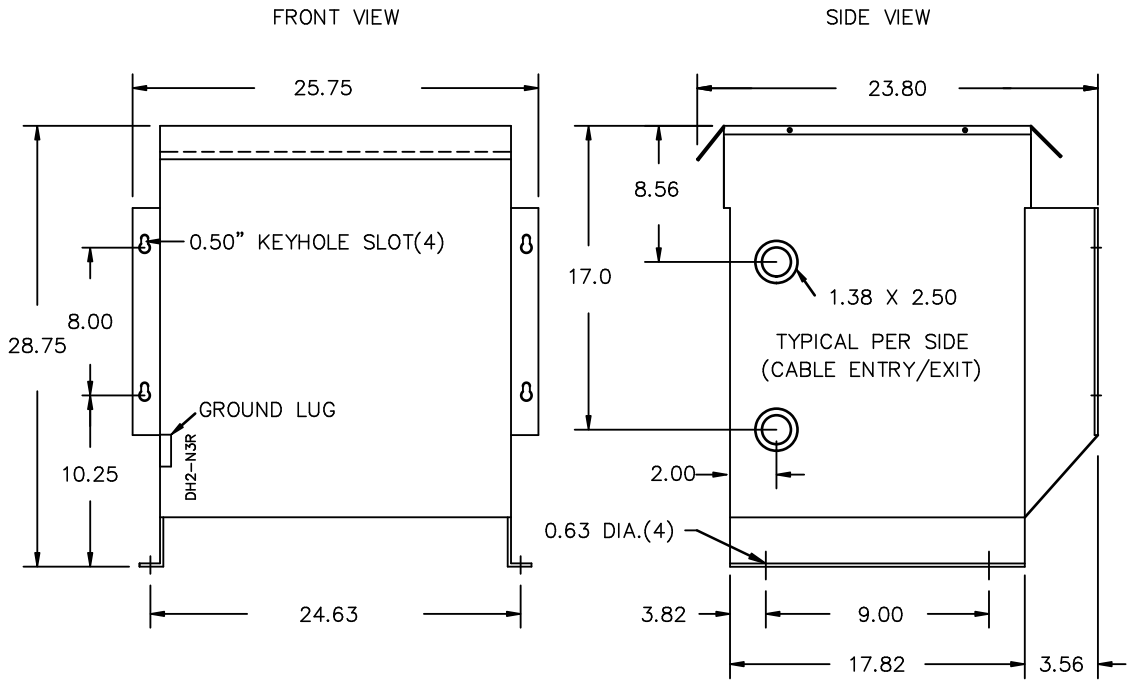
TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

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

SHEET 1 OF 3

EDBSG3A0045KB

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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 250MCM-6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

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



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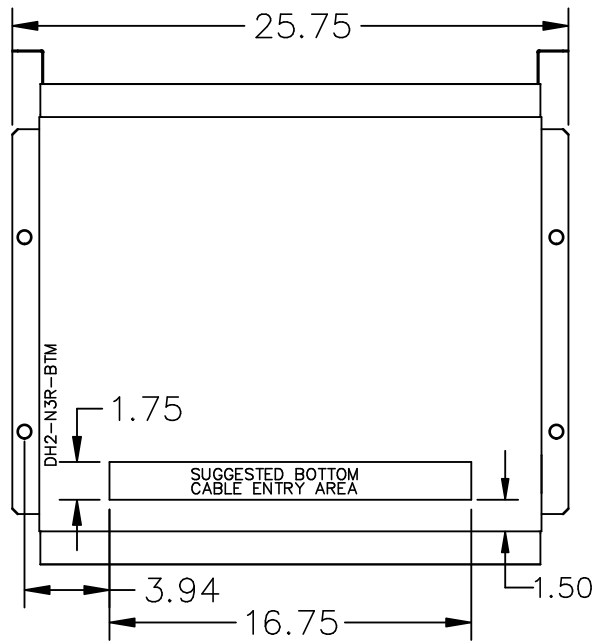
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ENCLOSURE BOTTOM VIEW



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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