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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 8034231241919
E112313 ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-12

LISTED

Part No. **SG3C0045KD**

Cust. Ref.	Serial No.	HV/HT	VOLTS	CURRENT	% RATED	CONNECTION
Ref. du Client	No. de Serie			COURANT	% TENSION	CHACUNE
Phase		480V	504	51.5	105	PHASE
Type	BIL		492	52.8	102.5	CONNECTION
Cooling	Term	10	480	54.1	100	PAR PHASE
Refrondissement	Bornes	H1 H2 H3	468	55.5	97.5	
kVA	LV/BT	240V	456	57.0	95	
Temp. Rise	BIL		444	58.5	92.5	
Echauffement	Term	10	432	60.1	90	
Temp Class	Bornes	X1 X2 X3				
Classe Temp	Regulations					
Winding	Reglements	DOE 10 CFR PART 431:2016				
Enroulement	Énergétique	CEE ACT SOR/2016-311				
Frequency		AMENDMENT 14				
Frequency Hz						
Impedance %						
@ 170°C						
Encl. Type						
Type de Coffrage						
Wt. LBS						
Poids en lbs						

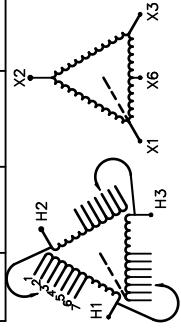


Diagram showing primary windings H1, H2, H3 and secondary windings X1, X2, X3.

X6 = 120V CT, 5% OF KVA RATING MAXIMUM

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



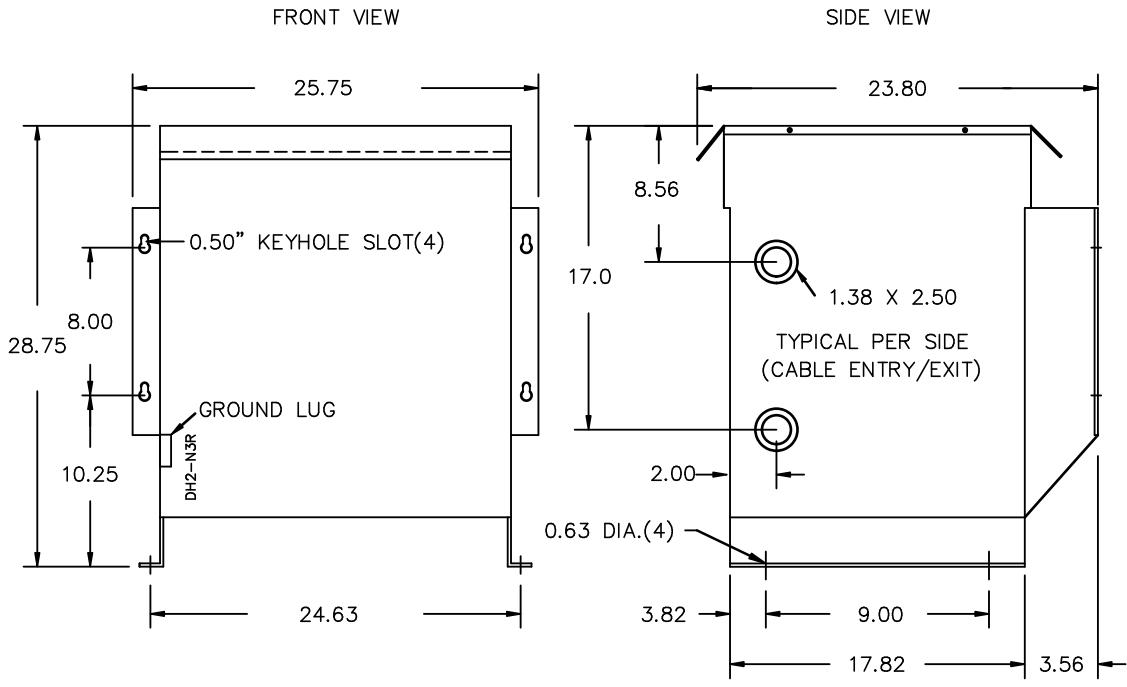
TITLE: 3PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION

1	17/04/03	JW	ADDED ENCL BOTTOM DRAWING	DES: JWEN
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SHEET 1 OF 3

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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



TITLE: 3PH DISTRIBUTION TRANSFORMER

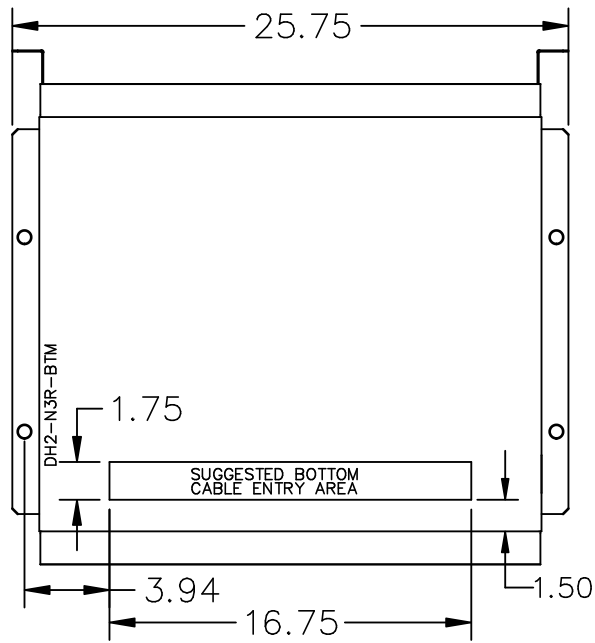
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ENCLOSURE BOTTOM VIEW



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



TITLE: 3PH DISTRIBUTION TRANSFORMER
 ENCLOSURE BOTTOM VIEW

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