



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

EDBSC3C0030KD

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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. SG3C0030KD

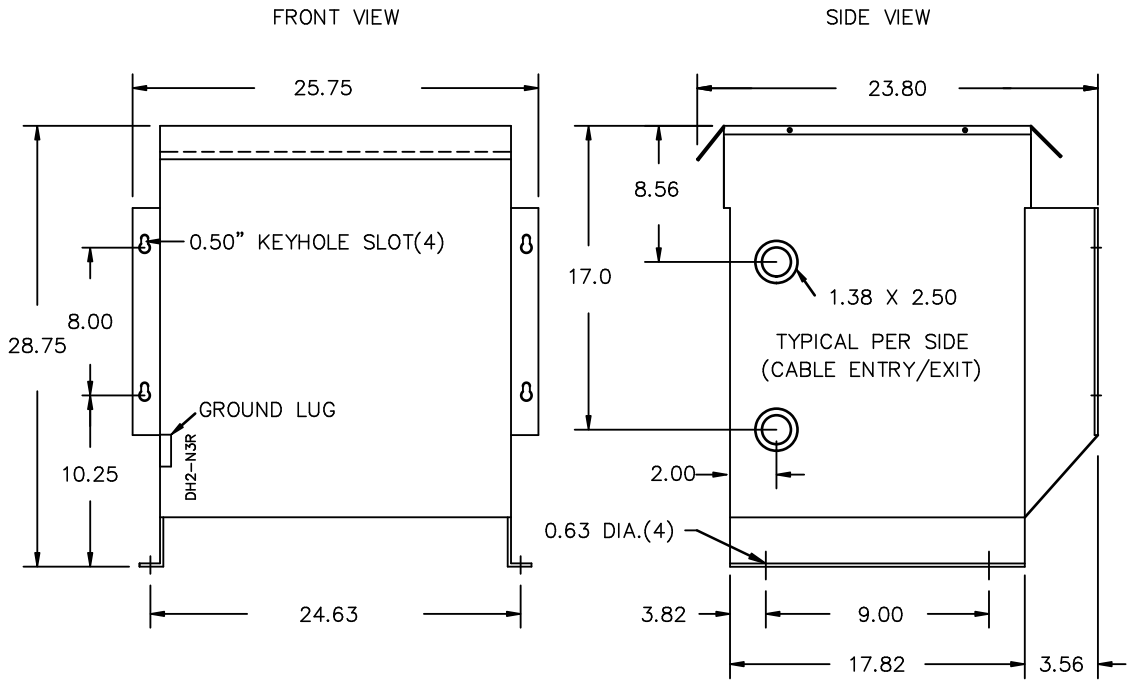
Cust. Ref. Ref. du Client	Serial No. No. de Serie	HV/HT	480V		
Phase	3	BIL	10		
Type	K	Term Bornes	H1 H2 H3		
Cooling Refroidissement	ANN	LV/BT	240V		
kVA	30	BIL	10		
Temp. Rise Échauffement	150 °C	Term Bornes	X1 X2 X3		
Temp Class Classe Temp	220 °C	Energy Regulations Règlements Énergétique	DOE 10 CFR PART 431:2016 CEE ACT SOR/2016-311 AMENDMENT 14		
Winding Enroulement	AL				
Frequency Fréquence Hz	60				
Impedance % @ 170 °C	5.1				
Encl. Type Type de Coffrage	3R				
Wt. LBS Poids en lbs	305				

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
504	34.4	105	1
492	35.2	102.5	2
480	36.1	100	3
468	37.0	97.5	4
456	38.0	95	5
444	39.0	92.5	6
432	40.1	90	7

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

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:

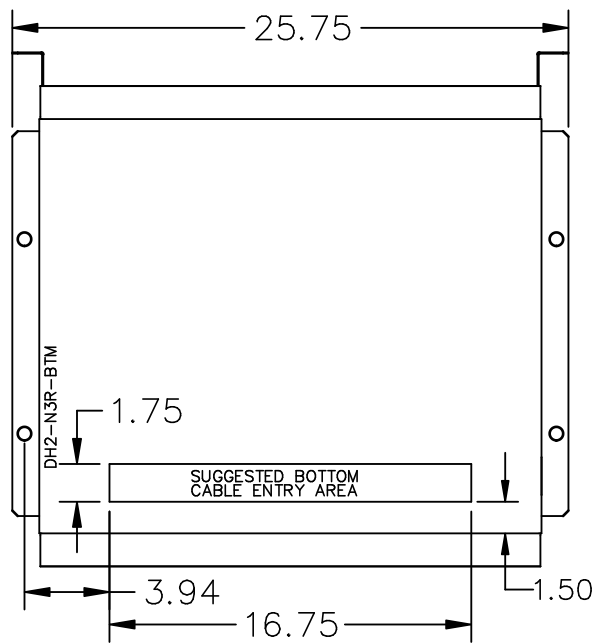
- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT



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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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