



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

EDBSG3C0075KD

1.1_jwen 2017/11/09 10:44



Hammond Power Solutions
Guelph, ONT Compton, CA

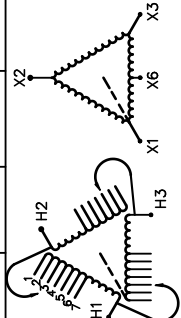
HPS Sentinel® G
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI
Monterrey, MX

Part No. **SG3C0075KD**

Serial No. []
No. de Serie []

Cust. Ref. Ref. du Client	3	HV/HT	480V	CONNECTION EACH PHASE CONNECTION PAR PHASE	1 2 3 4 5 6 7
Type	K	BIL	10	% RATED VOLTAGE % TENSION NOMINALE	105 102.5 100 97.5 95 92.5 90
Cooling Refroidissement	ANN	Term Bornes	H1 H2 H3	CURRENT COURANT	85.9 88.0 90.2 92.5 95.0 97.5 100.2
kVA	75	LV/BT	240V	VOLTS	504 492 480 468 456 444 432
Temp. Rise Échauffement	150 °C	BIL	10		
Temp Class Classe Temp	220 °C	Term Bornes	X1 X2 X3		
Winding Enroulement	AL	Energy Regulations de Énergétique	DOE 10 CFR PART 431:2016 CEE ACT SOR/2016-311 AMENDMENT 14		
Frequency Fréquence Hz	60				
Impedance % @ 170 °C	5.6				
Encl. Type Type de Coffrage	3R				
Wt. LBS Poids en lbs	535				



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

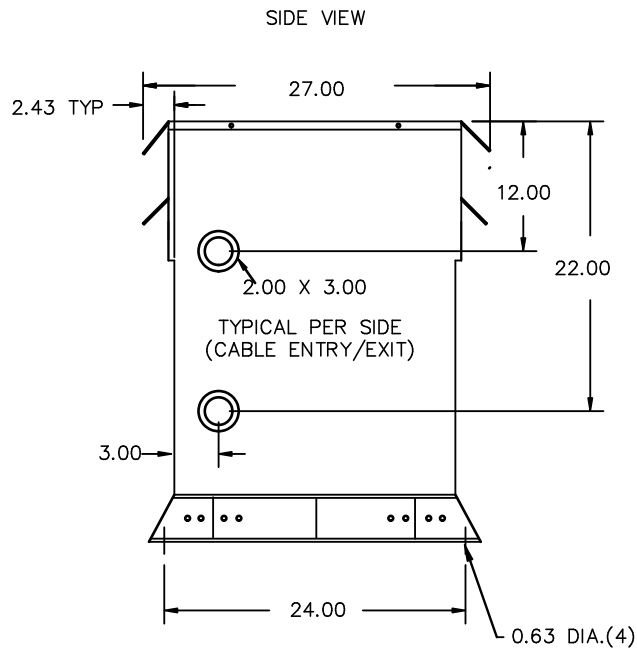
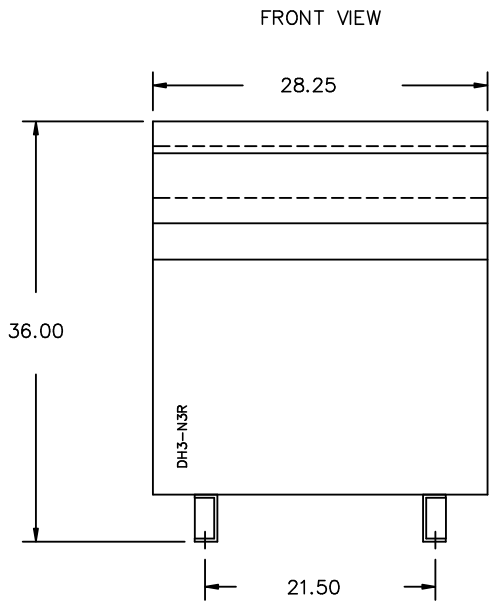
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LR 3902
DRY TYPE
77US
FORMER 8
E112313



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

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



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 #2/0-14 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

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

CUSTOMER NOTES:

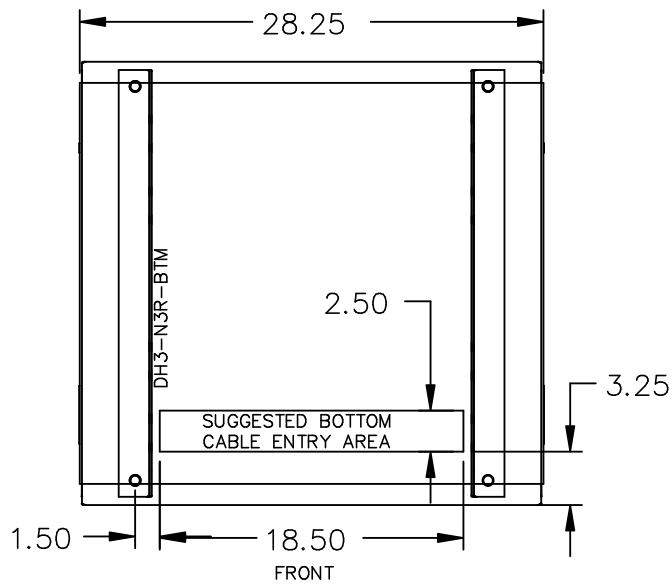
- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT



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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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