



Hammond Power
Solutions Inc.

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

1	21/07/16	PP	EDB UPDATE	DES: CSHAH
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSK3A0112PB2K

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Hammond
Power Solutions

Energy Efficient Distribution Transformer

Transformateur de Distribution à Bon Rendement Énergétique

Guelph, ONT
Compton, CA

Baraboo, WI
Monterrey, MX

HPS Sentinel™ K

Part No. SK3A0112PB2K

SP® LR 3902

DRY TYPE TRANSFORMER E112313

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERMILLERS LABORATORIES INC.® 316

8 03423 13131 19

Cust. Ref.
Ref. du Client

3

Serial No.
No. de Serie

HV/HT

600V

108.3A

Type

K

10 kV

Cooling
Refroidissement

ANN

H1 H2 H3

kVA

112.5

208Y/120V

312A

Temp. Rise
Échauffement

150 °C

10 kV

Temp Class
Classe Temp

220 °C

Term Bornes

CU

Energy Regulations
Règlements de l'Energetique

DOE 10 CFR PART 431:2016

Frequency
Fréquence Hz

60

CEE ACT SOR/2018-201

Impedance %
@ 170 °C

3.4

Suitable for non-sinusoidal current
load with K-factor not to exceed 20
Convient à des courants non-sinusoidaux
avec facteur K n'excédant pas

Encl Type
Type De Coffrage

3R

Weight
Poids

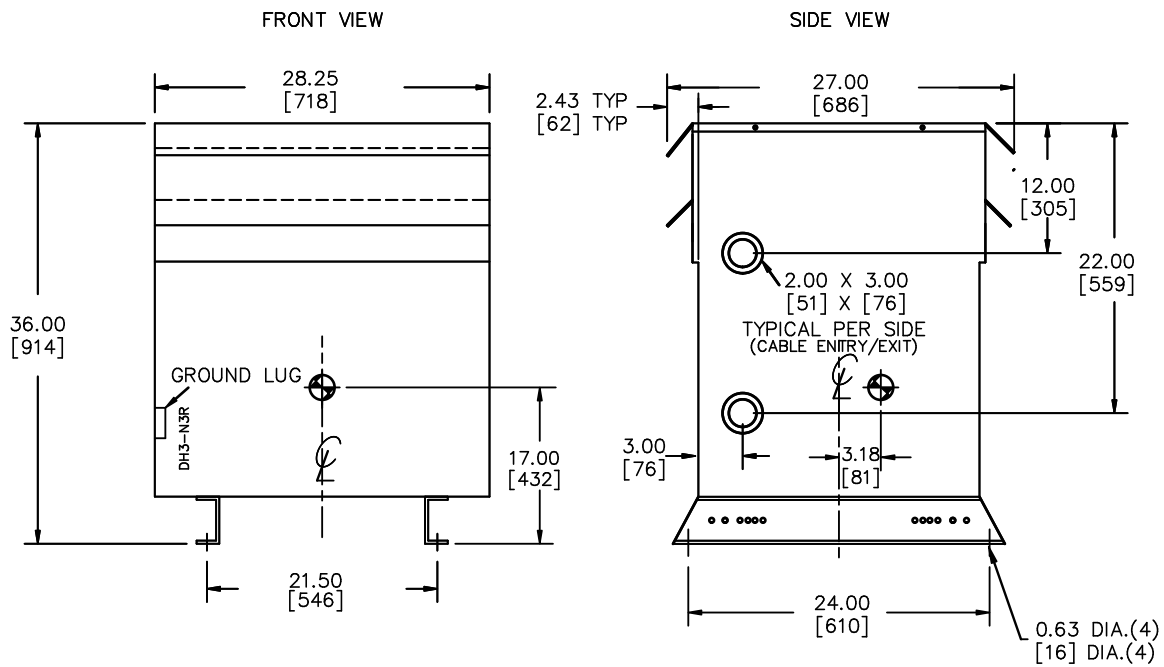
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VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION TERMINAL PAR PHASE
630	103.1	105	1
615	105.6	102.5	2
600	108.3	100	3
585	111	97.5	4
570	114	95	5
555	117	92.5	6
540	120	90	7

SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/n=1 Ip=1.5

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 ELECTROSTATIC SHIELD

d000187hb



HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 250MCM-6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

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

CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL XO HAS QTY 2 LUGS



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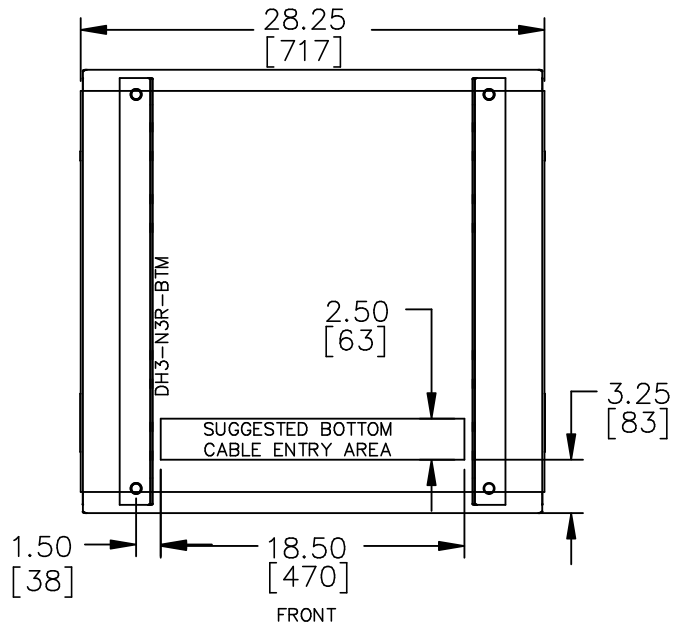
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EDBSK3A0112PB2K

1.0 Wed 2021/07/16 14:17

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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