



Hammond Power Solutions Inc.

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

2	21/07/16	PP	EDB UPDATE	DES: LCEN
1	20/03/17	PP	SEISMIC UPDATE	DATE: 16/07/26
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDB SH3U0112KB3K

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Hammond Power Solutions
Guelph, ONT
Compton, CA

Power Solutions

TRANSFORMATEUR À SEC POUR MITIGATION D'HARMONIQUES

Baraboo, WI

Monterrey, MX

Part No. SH3U0112KB3K

DRY TYPE HARMONIC MITIGATING TRANSFORMER

TRANSFORMER 8 03423 13549 2

LISTED

DRY TYPE TRANSFORMER 8 03423 13549 2

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

LR 3902

Cust. Ref.
Ref. du Client

3

Type

K

Cooling
Refroidissement

ANN

kVA

112.5

Temp. Rise
Echauffement

150 °C

Temp Class
Classe Temp

220 °C

Winding
Enroulement

CU

Frequency
Fréquence Hz

60

Impedance %
@ 170 °C

5

Encl. Type
Type De Coffrage

3R

Weight
Poids

1050/477

Serial No.
No. de Serie

Model

HV/HT

Term
Bornes

LV/BT

Term
Bornes

Neutral

Energy
Regulations

Reglements
de
Energetique

Zo

Number of
Secondaries

504

492

480

468

456

444

432

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

0.95 MAX

VOLTS

CURRENT
COURANT

RATED
VOLTAGE
% TOLERANCE
NOMINALE

CONNECTION
TABLE
PAR PHASE

129

132

135

139

142

146

150

105

102.5

100

97.5

95

92.5

90

1

2

3

4

5

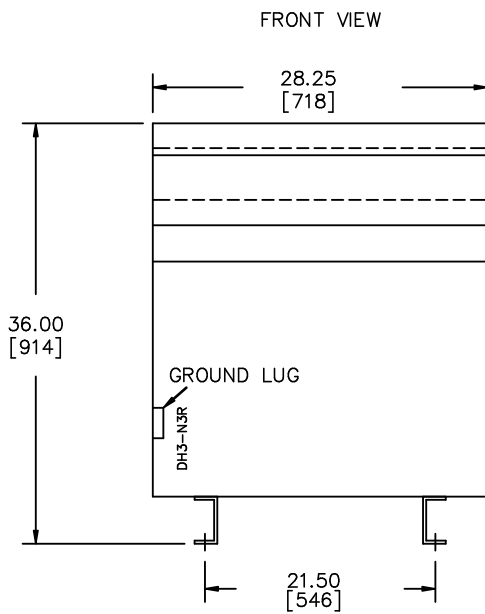
6

7

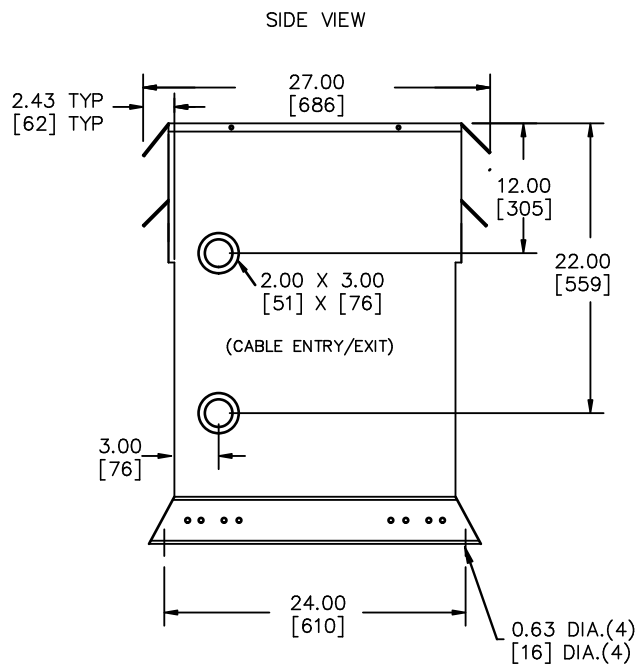
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT ELECTROSTATIC SHIELD

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

d000190hb



All Dimensions in inches[mm]



ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

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 BOTTOM FRONT
- LV TERMINATED AT TOP FRONT
- 200% RATING NEUTRAL



**Hammond Power
Solutions Inc.**

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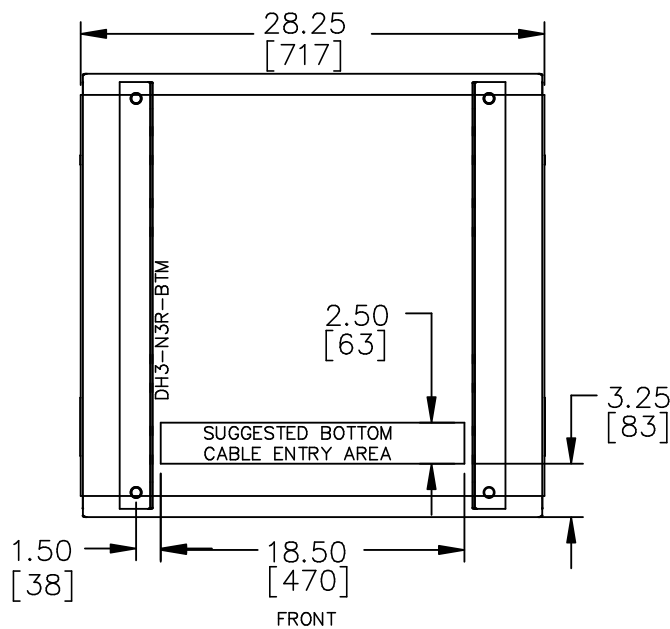
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ENCLOSURE BOTTOM VIEW



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