

NO.	DATE	BY	REVISION	DES: DCORTEZ
				DATE: 25/12/16
				SCALE: NTS

hammond

POWER SOLUTIONS

Energy Efficient Distribution Transformer

Transformateur de Distribution à Bon Rendement Énergétique

Hyperabad, IN

Guelph, ONT

Compton, CA

Baraboo, WI

Monterrey, MX

Part No. SK3A1000PK3S

8 03423 13082 4

DRY TYPE TRANSFORMER

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

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES

ELECTROSTATIC SHIELD

SEISMIC QUALIFICATIONS:

XS FLOOR MOUNT ONLY

IBC 2018/ASCE 7-16

SDS<=2.0g Z/n=0 Ip=1.5

Cust. Ref.

Ref. du Client

Phase

3

Type

K

Cooling

ANN

Refrigidissement

ANN

kVA

1000

Temp. Rise

150 °C

Echauffement

150 °C

Temp Class

220 °C

Classe Temp

220 °C

Winding

AL

Enroulement

AL

Frequency

60

Fréquence Hz

60

Impedance %

5.5

@ 170 °C

5.5

Encl. Type

3R

Type De Coffrage

3R

Weight

5580 /2532

lbs/kg

5580 /2532

Serial No.

No. de Serie

HV/HT

600V

BIL

10 kV

Term

H1 H2 H3

Bornes

H1 H2 H3

LV/BT

480Y/277V 1203A

BIL

10 kV

Term

X0 X1 X2 X3

Bornes

X0 X1 X2 X3

Energy

DOE 10 CFR PART 431:2016

Regulations

DOE 10 CFR PART 431:2016

Reglements

CEE ACT SOR/2018-201

Energetique

CEE ACT SOR/2018-201

Suitable for non-sinusoidal current

load with K-factor not to exceed 13

Convient à des courants non-sinusoidaux

avec facteur K n'excédant pas 13

VOLTS

CURRENT

% RATED

CONNECTION

CONNECTION

CONNECTION

VOLTS

COURANT

% TENSION

PAR PHASE

PAR PHASE

PAR PHASE

630

916

105

1-2

1-2

1-2

615

939

102.5

2-3

2-3

2-3

600

962

100

3-4

3-4

3-4

585

987

97.5

4-5

4-5

4-5

570

1013

95

5-6

5-6

5-6

H1

H2

H3

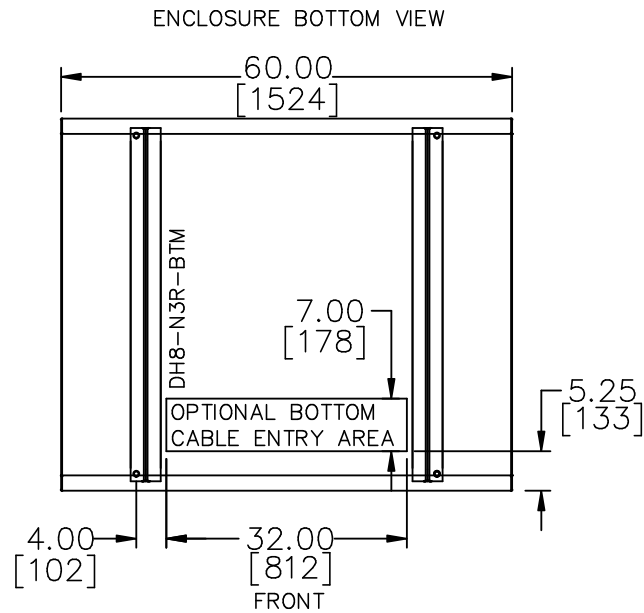
X0

X1

X2

X3

0000187hb



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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SHEET 3 OF 3

EDBSK3A100PK3S