



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	DES:
4	21/07/16	PP	EDB UPDATE	JWEN
3	20/03/31	PP	EDB UPDATE	DATE: 15/11/17
				SCALE: NTS

SHEET 1 OF 3

EDBSK3A0112PB3S

4.0 httpd 2026/06/03 16:11

POWER SOLUTIONS
Guelph, ONT
Compton, CA

HPS Sentinel™ K
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique
Baraboo, WI
Monterrey, MX

Hyderabad, IN Part No. **SK3A0112PB3S**

Cust. Ref. []
Ref. du Client []

Phase 3

Type K

Cooling Refroidissement ANN

kVA 112.5

Temp. Rise Echauffement 150 °C

Temp Class 220 °C

Winding Enroulement AL

Frequency Fréquence Hz 60

Impedance % @ 170 °C 5.3

Encl Type Type De Coffrage 3R

Weight Poids lbs 740

Serial No. No. de Serie []

HV/HT 600V

BIL 10 kV

Term Bornes H1 H2 H3

LV/BT 208Y/120V

BIL 10 kV

Term Bornes X0 X1 X2 X3

Energy Regulations Règlement Energétique DOE 10 CFR PART 431:2016

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

600V

10 kV

H1 H2 H3

208Y/120V

312A

10 kV

X0 X1 X2 X3

630

615

600

585

570

555

540

103.1

105.6

108.3

111

114

117

120

105

102.5

100

97.5

95

92.5

90

1

2

3

4

5

6

7

CONNECTION DIAGRAM: X0, X1, X2, X3, H1, H2, H3

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

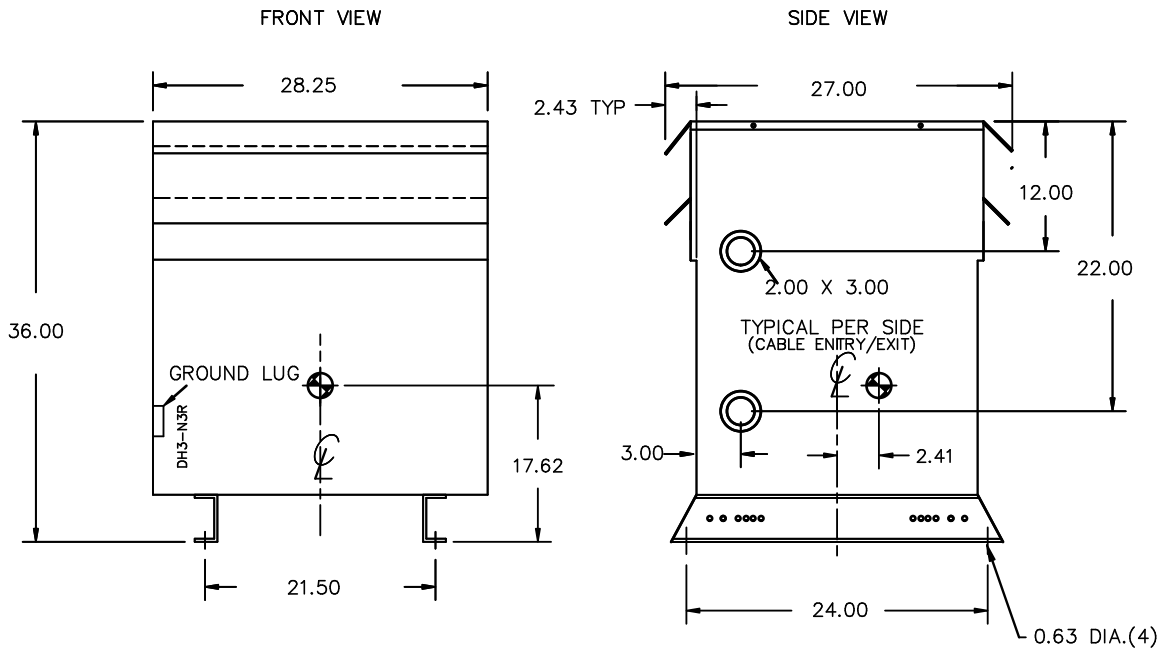
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT ELECTROSTATIC SHIELD

d000187hb



SP @ LR 3902
DRY TYPE TRANSFORMER E112313
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERMETERS LABORATORIES INC. © 3106

LISTED



All Dimensions in inches

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



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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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