



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

DES:	RMOVVA
DATE:	21/10/25
SCALE:	NTS

SHEET 1 OF 3

EDBSK3A0150PK3S

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POWER SOLUTIONS

Guelph, ONT Compton, CA Hyderabad, IN

HPS Sentinel™ K

Energy Efficient Distribution Transformer

Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI Monterrey, MX

Part No. SK3A0150PK3S

Cust. Ref. [] Serial No. []

Ref. du Client [] No. de Serie []

Phase 3 HV/HT 600V 144A

Type K BIL 10 kV

Cooling Refroidissement ANN Term Bornes H1 H2 H3

kVA 150 LV/BT 480Y/277V 180A

Temp. Rise Echauffement 150 °C BIL 10 kV

Temp Class Classe Temp 220 °C Term Bornes X0 X1 X2 X3

Winding Enroulement AL Energy Regulations DOE 10 CFR PART 431:2016

Frequency Fréquence Hz 60 CEE ACT SOR/2018-201

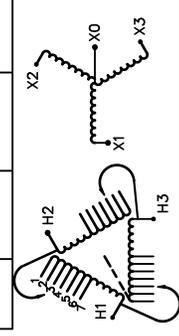
Impedance % @ 170 °C 4.5 Suitable for non-sinusoidal current load with K-factor not to exceed 13
Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 13

Encl Type Type De Coffrage 3R

Weight lbs/kg Poids 975/443

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES ELECTROSTATIC SHIELD

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
630	137	105	1
615	141	102.5	2
600	144	100	3
585	148	97.5	4
570	152	95	5
555	156	92.5	6
540	160	90	7



SEISMIC QUALIFICATIONS:
X0 FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/n=1 Ip=1.5

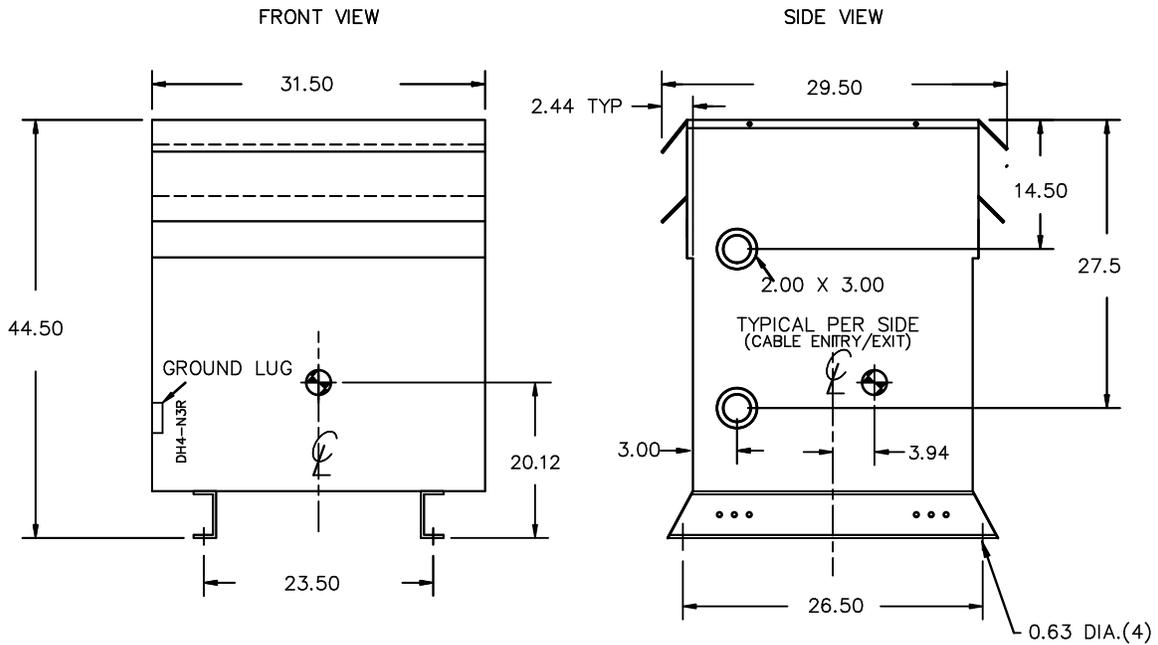
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SP @ LR 3902
DRY TYPE TRANSFORMER E112313
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERMETERS LABORATORIES INC. 3106



LISTED



All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

X0 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
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 600MCM-2 CU/AL
CONDUCTORS
2 CONDUCTORS PER PHASE

CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- X0 TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL PROVIDED



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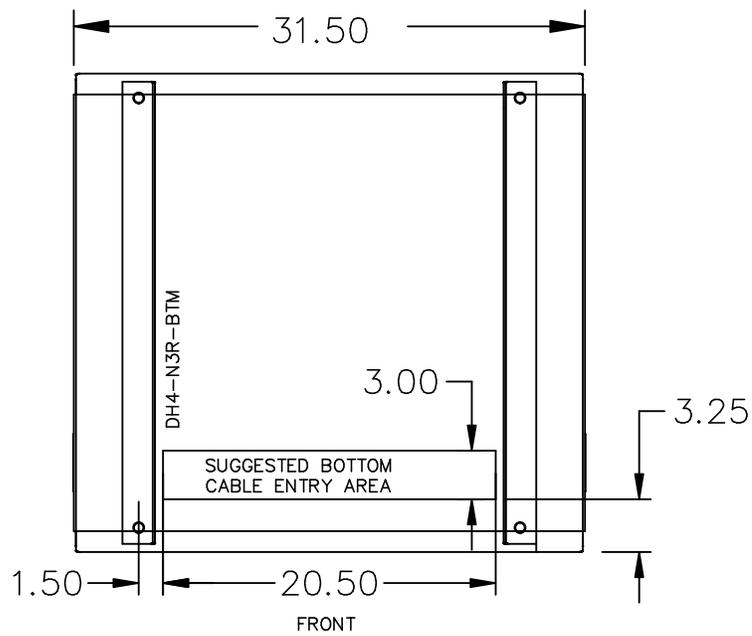
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NO.	DATE	BY	REVISION

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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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