



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

DES:	DCORTEZ
DATE:	21/10/11
SCALE:	NTS

SHEET 1 OF 3

EDBSK3A0500KK9K

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POWER SOLUTIONS

Hyderabad, IN Guelph, ONT Baraboo, WI Monterrey, MX

HPS Sentinel™ K

Energy Efficient Distribution Transformer

Transformateur de Distribution à Bon Rendement Énergétique

Part No. SK3A0500KK9K

LR 3902

DRY TYPE TRANSFORMER E112313

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERWriters LABORATORIES INC. © 316

LISTED

VOLTS	CURRENT COURANT	% RATED VOLTAGE / % NOMINALE	CONNECTIONS / CONNECTIONS PAR PHASE
504	573	105	1-2
492	587	102.5	2-3
480	601	100	3-4
468	617	97.5	4-5
456	633	95	5-6
444	650	92.5	6-7
432	668	90	7-8

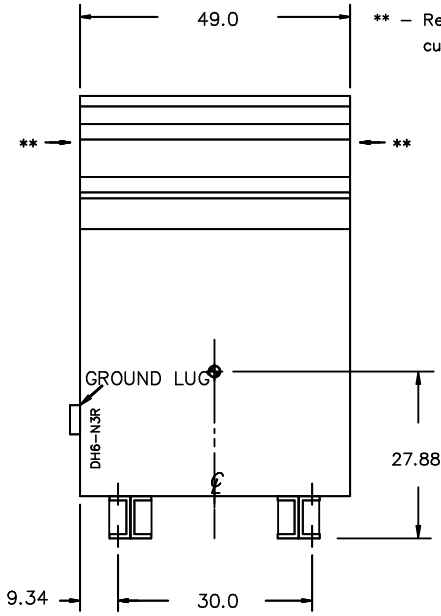
Cust. Ref. / Ref. du Client	Serial No. / No. de Serie
Phase	HV/HT
Type	BIL
Cooling / Refroidissement	Term Bornes
kVA	LV/BT
Temp. Rise / Echauffement	BIL
Temp Class / Classe Temp	Term Bornes
Winding / Enroulement	Energy Regulations / Règlements Énergétique
Frequency / Type De Coffrage	DOE 10 CFR PART 431:2016
Impedance % @ 170°C	CEE ACT SOR/2018-201
Encl Type / Type De Coffrage	Suitable for non-sinusoidal current load with K-factor not to exceed 9 / Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 9
Weight lbs/kg	3340/1515

SEISMIC QUALIFICATIONS:
X0 FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/n=0 Ip=1.5

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

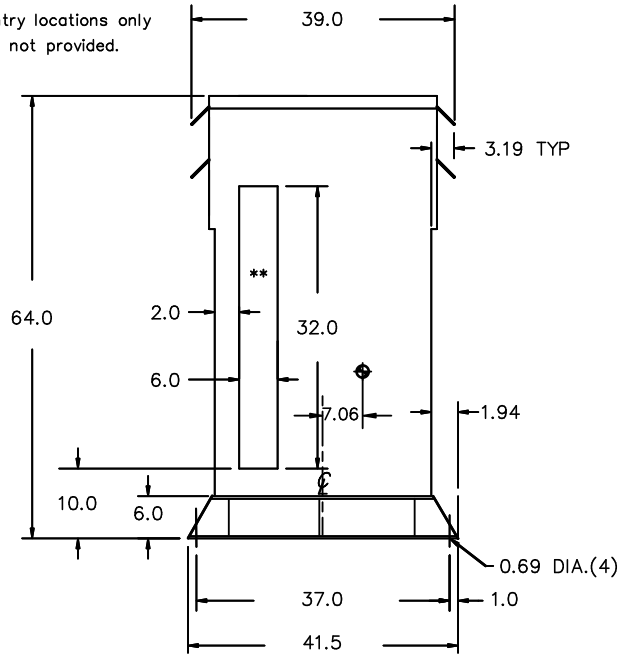
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FRONT VIEW



** - Recommended cable entry locations only cutouts & gland plates not provided.

SIDE VIEW



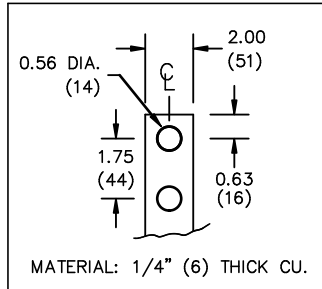
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

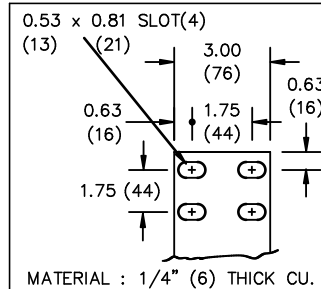
HV TERMINAL DETAIL



LV TERMINAL DETAIL



X0 TERMINAL DETAIL



L.V.2. TERMINAL DETAIL

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
- X0 TERMINATED AT BOTTOM FRONT
- LV2 TERMINATED AT TOP REAR
- 200% RATED NEUTRAL PROVIDED



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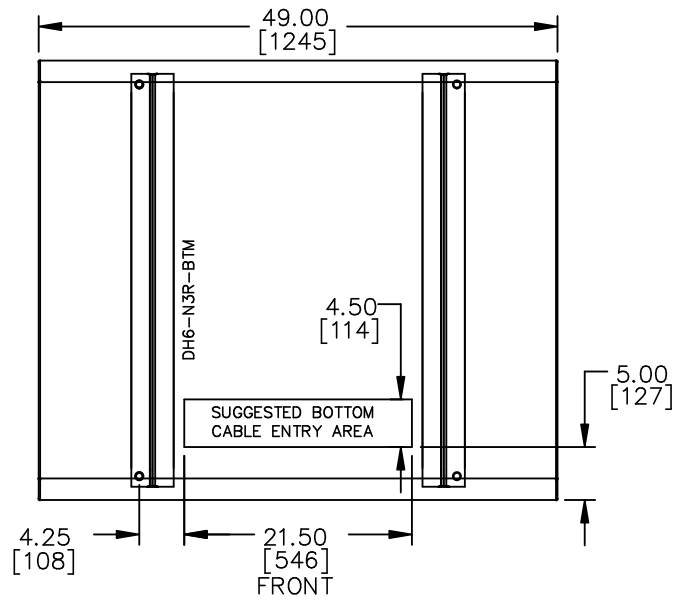
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ENCLOSURE BOTTOM VIEW



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



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