


- IMPEDANCE SHOWN IS CALCULATED VALUE
- TESTED IMPEDANCE WILL BE SHOWN ON TRANSFORMER NAMEPLATE

d000187hb



hammond
POWER SOLUTIONS

Guelph, ONT Compton, CA
Hyderabad, IN

HPS Sentinel™ K
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI
Monterey, MX

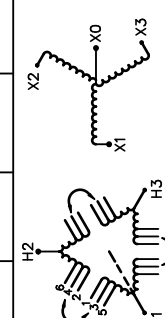
Part No. **SK3A1000PK4K**

Serial No. []
HV/HT 600V 962A
BIL 10 kV
Term Bornes H1 H2 H3
LV/BT 480Y/277V 1203A
BIL 10 kV
Term Bornes X0 X1 X2 X3
DOE 10 CFR PART 431:2016
CEE ACT SOR/2018-201

Cust. Ref. []
Phase 3
Type K
Cooling Refroidissement ANN
kVA 1000
Temp. Rise Echauffement 150 °C
Temp Class 220 °C
Winding Enroulement CU
Frequency Régulations 60
Impedance % 5.2
Encl Type 3R
Weight Poids 5800

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

VOLTS	CURRENT COURANT	% RATED VOLTAGE NOMINALE	CONNECTION CONNECTION PAR PHASE
629	918	104.8	1-2
614	940	102.4	2-3
600	962	100	3-4
586	986	97.6	4-5
571	1011	95.2	5-6




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

LISTED

DRY TYPE TRANSFORMER E112313
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ-18 BY UNDERWITERS LABORATORIES INC. 316

SP @ LR 3902



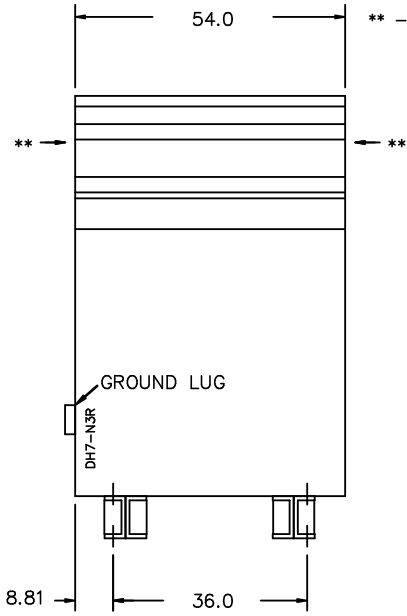


TITLE: 3PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION			
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE
NO.	DATE	BY	REVISION
			DES: MABDELAT
			DATE: 18/02/06
			SCALE: NTS

SHEET 1 OF 3

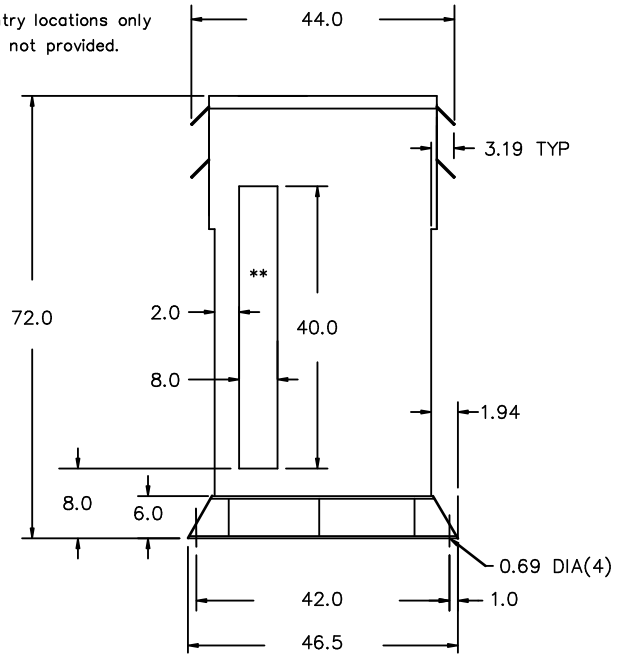
EDBSK3A1000PK4K

FRONT VIEW



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

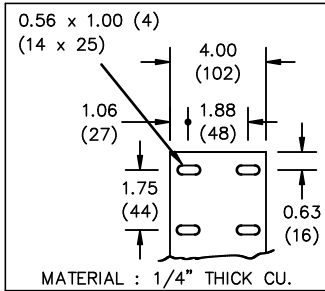
SIDE VIEW



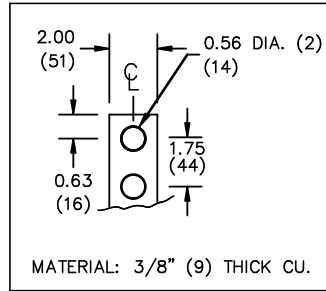
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

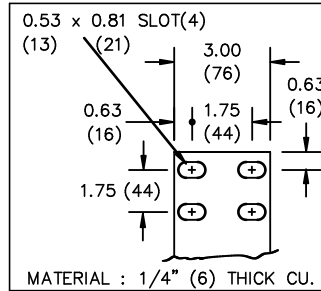
HV TERMINAL DETAIL



LV TERMINAL DETAIL



XO TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- XO TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL XO HAS TWO TERMINALS, DIVIDE CABLES EVENLY

THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.



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SHEET 2 OF 3

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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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SHEET 3 OF 3

EDBSK3A100PK4K