



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	DES: PPICASSI
				DATE: 24/07/24
				SCALE: NTS

SHEET 1 OF 3

EDBSK3A0500KB4K

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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. SK3A0500KB4K

LR 3902

DRY TYPE TRANSFORMER E112313

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ-18 BY UNDERMETERS LABORATORIES INC. © 316

LISTED

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

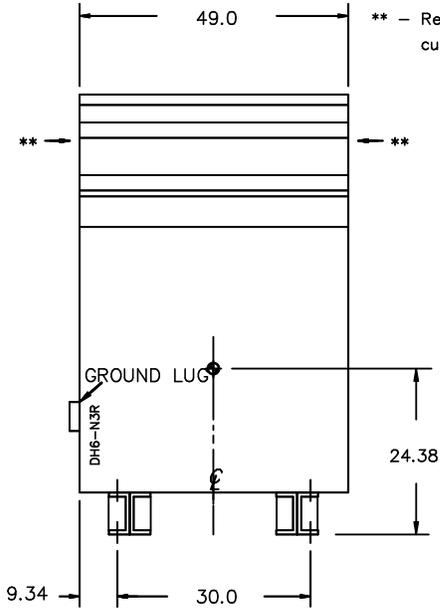
VOLTS	CURRENT COURANT	% RATED VOLTAGE / % NOMINALE	CONNECTIONS / CONNECTIONS PAR PHASE
506	571	105.4	1-2
493	586	102.7	2-3
480	601	100	3-4
467	618	97.3	4-5
454	636	94.6	5-6
441	654	91.9	6-7
428	674	89.2	7-8

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

Cust. Ref. / Ref. du Client	Serial No. / No. de Serie	480V	601A
Phase	HV/HT	10 kV	
Type	BIL	H1 H2 H3	
Cooling / Refroidissement	Term Bornes	208Y/120V	1388A
kVA	LV/BT	10 kV	
Temp. Rise / Echauffement	BIL	X0 X1 X2 X3	
Temp Class / Classe Temp	Term Bornes	DOE 10 CFR PART 431:2016	
Winding / Enroulement	Energy Regulations / Réglements Énergétique	CEE ACT SOR/2018-201	
Frequency / Fréquence Hz	Impedance % @ 170°C	Suitable for non-sinusoidal current load with K-factor not to exceed 4 Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 4	4
Encl Type / Type De Coffrage	Weight lbs/kg		3290/1493

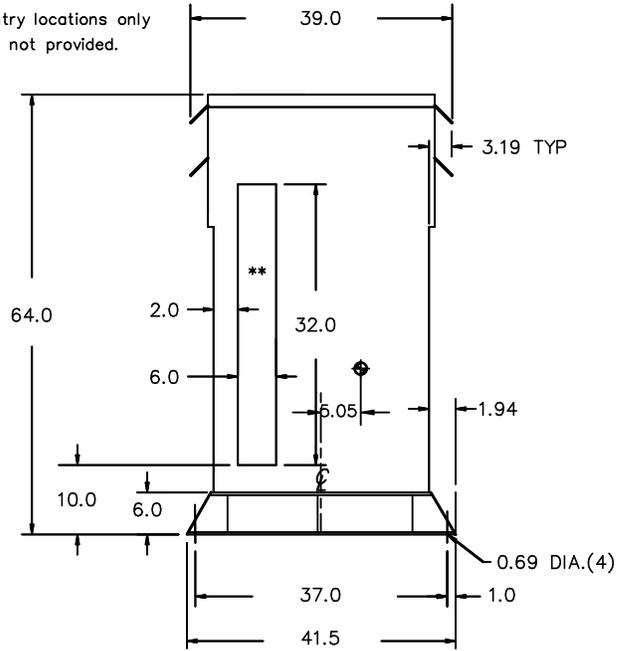
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FRONT VIEW



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

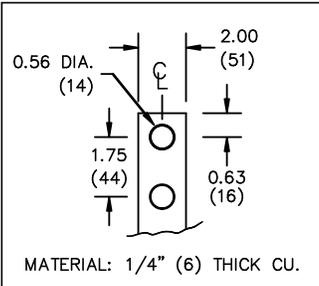
SIDE VIEW



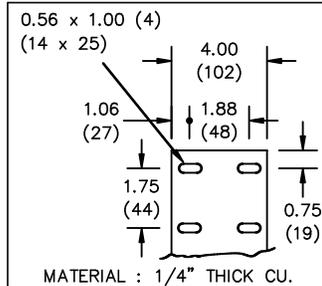
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

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

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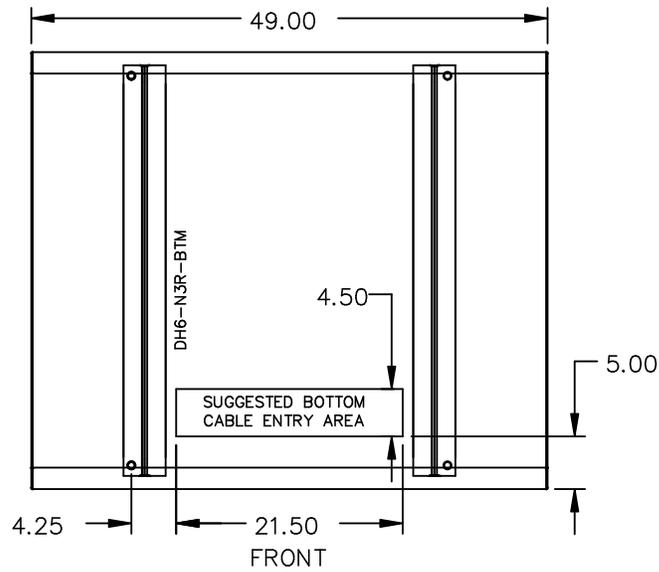
SHEET 2 OF 3

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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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