


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

d000187hb



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. SK3A0750KB4K

Serial No. [] No. de Serie []

HV/HT 480V 902A

BIL 10 kV

Term Bornes H1 H2 H3

LV/BT 208Y/120V 2082A

BIL 10 kV

Term Bornes X0 X1 X2 X3

Energy Regulations DOE 10 CFR PART 431:2016

Reglements Energetique CEE ACT SOR/2018-201

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

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

Phase 3

Type K

Cooling Refroidissement ANN

kVA 750

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement CU

Frequency Fréquence Hz 60


Impedance % @ 170 °C 5.9

Encl Type Type De Coffrage 3R

Weight Poids lbs 4500

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
504	859	105	1-2
492	880	102.5	2-3
480	902	100	3-4
468	925	97.5	4-5
456	950	95	5-6
444	975	92.5	6-7
432	1002	90	7-8

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



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

UL LISTED

DRY TYPE TRANSFORMER E112313

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



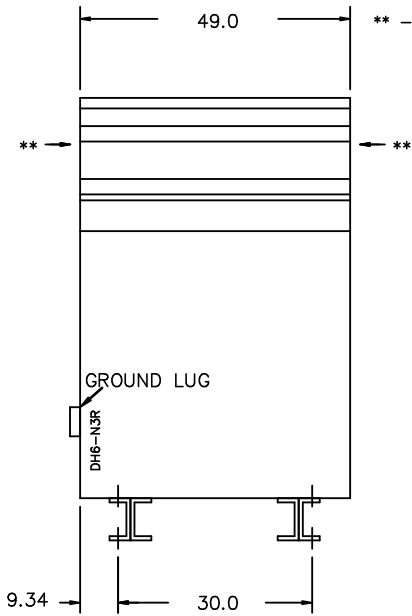
TITLE: 3PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION			
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE
NO.	DATE	BY	REVISION
			DES: MABDELAT
			DATE: 18/03/07
			SCALE: NTS

SHEET 1 OF 3

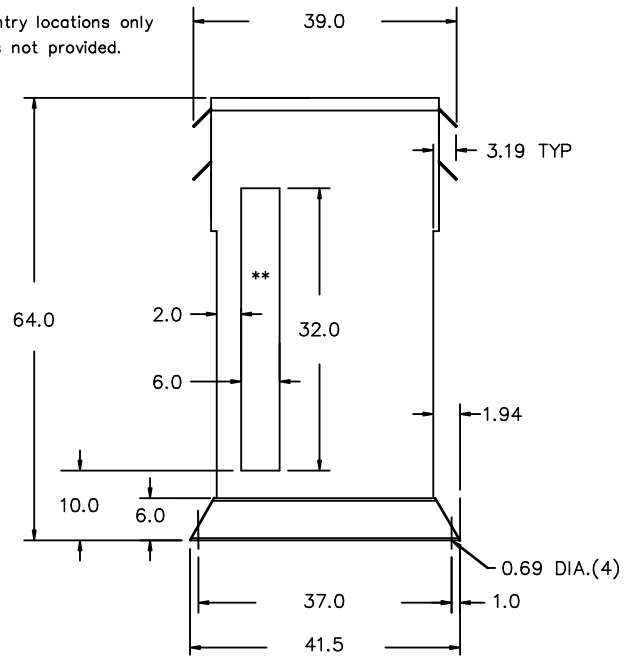
EDBSK3A0750KB4K

FRONT VIEW

SIDE VIEW



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



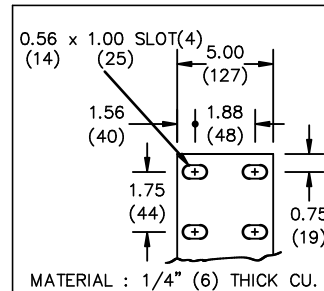
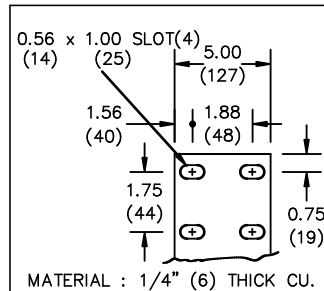
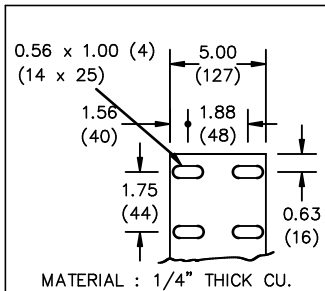
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

X0 TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- X0 TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL X0 HAS TWO TERMINALS, DIVIDE CABLES EVENLY



TITLE: 3PH DISTRIBUTION TRANSFORMER

2	21/07/16	PP	EDB UPDATE	DES: MABDELAT
1	20/03/17	PP	SEISMIC UPDATE	DATE: 18/03/07
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 2 OF 3

EDBSK3A0750KB4K

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



TITLE: 3PH DISTRIBUTION TRANSFORMER
 ENCLOSURE BOTTOM VIEW

2	21/07/16	PP	EDB UPDATE	DES: MABDELAT
1	20/03/17	PP	SEISMIC UPDATE	DATE: 18/03/07
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 3 OF 3

EDBSK3A0750KB4K