



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION


NO.	DATE	BY	REVISION	SCALE:
2	21/07/16	PP	EDB UPDATE	DES: CSHAH
1	20/03/17	PP	SEISMIC UPDATE	DATE: 19/07/31
				NTS

SHEET 1 OF 3

EDBSK3A0150KK4S

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



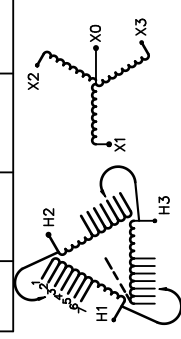
**POWER SOLUTIONS**  
Guelph, ONT Compton, CA  
Hyderabad, IN

**HPS Sentinel™ K**  
Energy Efficient Distribution Transformer  
Transformateur de Distribution à Bon Rendement Énergétique  
Baraboo, WI Monterrey, MX  
Part No. SK3A0150KK4S

**Serial No.** [ ]  
**HV/HT** 480V **180A**  
**BIL** 10 kV  
**Term Bornes** H1 H2 H3  
**LV/BT** 480Y/277V **180A**  
**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** 150  
**Temp. Rise Echauffement** 150 °C  
**Temp Class** 220 °C  
**Winding Enroulement** AL  
**Frequency** 60  
**Impedance %** 4.3  
**Encl Type Type De Coffrage** 3R  
**Weight Poids** 955 lbs

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
504	172	105	1
492	176	102.5	2
480	180	100	3
468	185	97.5	4
456	190	95	5
444	195	92.5	6
432	200	90	7



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

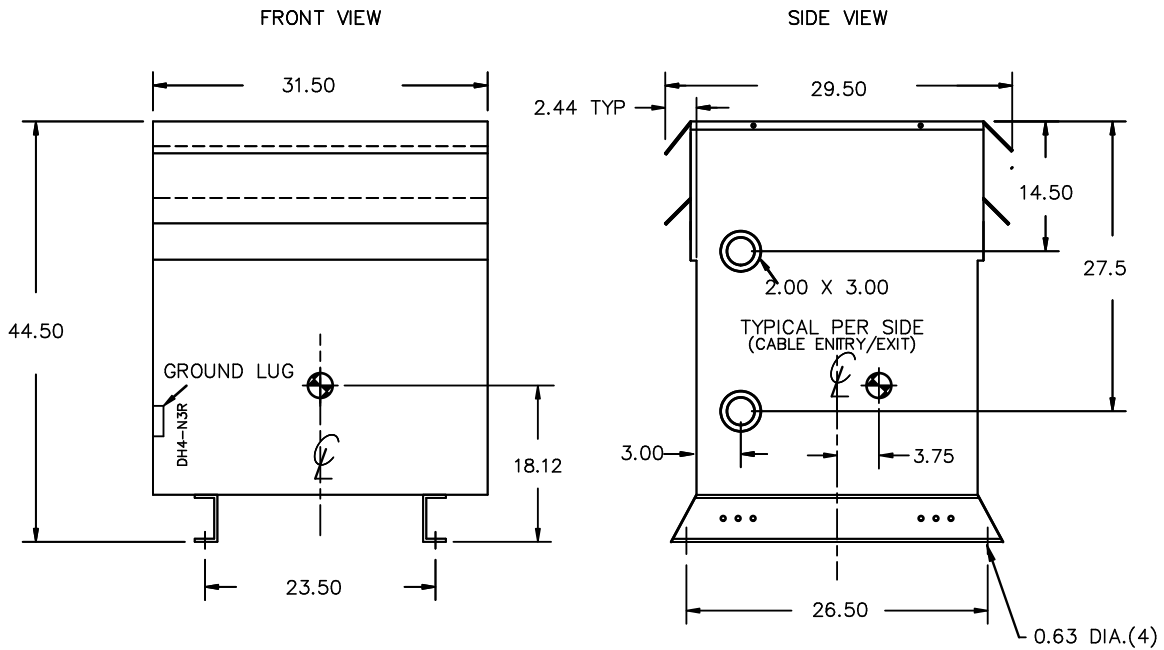
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT ELECTROSTATIC SHIELD

000187hb



SP @ LR 3902  
DRY TYPE TRANSFORMER E112313  
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ 2-18 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 350MCM-6 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

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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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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

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