



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


3	21/07/16	PP	EDB UPDATE	DES: JWEN
2	20/03/17	PP	SEISMIC UPDATE	DATE: 16/09/08
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSK3A0030PK4K

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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

HPS Sentinel™ K
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique
Baraboo, WI
Monterrey, MX

Hyderabad, IN Part No. SK3A0030PK4K

Cust. Ref. [] Serial No. []
Ref. du Client No. de Serie

Phase 3 HV/HT 600V

Type K BIL 10 kV

Cooling ANN Term Bornes H1 H2 H3

kVA 30 LV/BT 480Y/277V

Temp. Rise 150 °C BIL 10 kV
Echauffement

Temp Class 220 °C Term Bornes X0 X1 X2 X3
Classe Temp

Winding CU Energy Regulations DOE 10 CFR PART 431:2016
Enroulement

Frequency 60 Reglements CEE ACT SOR/2018-201
Frequence Hz

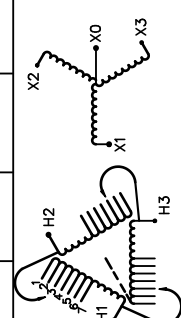
Impedance % 3.9 Suitable for non-sinusoidal current
@ 170 °C load with K-factor not to exceed
Type De Coffrage Convient à des courants non-sinusoidaux
Weight lbs 325 avec facteur K n'excédant pas

DRY TYPE TRANSFORMER E112313
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERMILLERS LABORATORIES INC. © 316

LISTED

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
630	27.5	105	1
615	28.2	102.5	2
600	28.9	100	3
585	29.6	97.5	4
570	30.4	95	5
555	31.2	92.5	6
540	32.1	90	7

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES ELECTROSTATIC SHIELD



SEISMIC QUALIFICATIONS:
GSP-0136/IBC, 2018/ASCE 7-16
SDS<=2.0g Z/n=1 Ip=1.5

d000187hb



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #14-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

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CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT



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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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