



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	SCALE:
2	21/07/16	PP	EDB UPDATE	DES: RMOVVA
1	20/03/17	PP	SEISMIC UPDATE	DATE: 18/01/24
				NTS

SHEET 1 OF 3

EDBSK3A0075PB4K

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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

Hyderabad, IN  
Baraboo, WI  
Monterrey, MX

Part No. **SK3A0075PB4K**

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

Phase **3**

Type **K**

Cooling Refroidissement **ANN**

kVA **75**

Temp. Rise Echauffement **150 °C**

Temp Class Classe Temp **220 °C**

Winding Enroulement **CU**

Frequency Fréquence Hz **60**

Impedance % @ 170 °C **4.6**

Encl Type Type De Coffrage **3R**

Weight Poids lbs **700**

Serial No. No. de Serie [ ]

HV/HT **600V**

BIL **10 kV**

Term Bornes **H1 H2 H3**

LV/BT **208Y/120V 208A**

BIL **10 kV**

Term Bornes **X0 X1 X2 X3**

Energy Regulations Règlement Energétique **DOE 10 CFR PART 431:2016**

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

600V 72.2A

10 kV

H1 H2 H3

208Y/120V 208A

10 kV

X0 X1 X2 X3

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

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
630	68.7	105	1
615	70.4	102.5	2
600	72.2	100	3
585	74.0	97.5	4
570	76.0	95	5
555	78.0	92.5	6
540	80.2	90	7

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

d000187hb



UL LISTED  
DRY TYPE TRANSFORMER E112313

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERMETERS LABORATORIES INC. 316

8 03423 12881 4



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 #2/0-14 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 600MCM-2 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

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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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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