



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

EDBSK3A0030PK9S

3.1 httpd 2026/04/03 21:40

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. SK3A0030PK9S

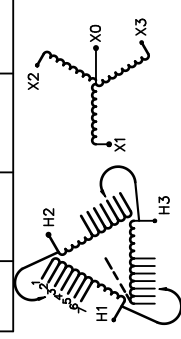
Serial No. []
HV/HT 600V
BIL 10 kV
Term Bornes H1 H2 H3
LV/BT 480Y/277V 36.1A
BIL 10 kV
Term Bornes X0 X1 X2 X3
DOE 10 CFR PART 431:2016
CEE ACT SOR/2018-201

SEISMIC QUALIFICATIONS:
GSP-0136/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 3 inches electrostatic shield

CONNECTIONS FOR CONNECTIONS PAR PHASE

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTIONS FOR CONNECTIONS 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

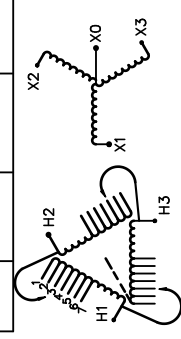


Cust. Ref. []
Phase 3
Type K
Cooling Refroidissement ANN
kVA 30
Temp. Rise Echauffement 150 °C
Temp Class 220 °C
Winding Enroulement AL
Frequency 60
Impedance % 4.7
Encl Type 3R
Weight lbs/kg 287/131

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Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 9

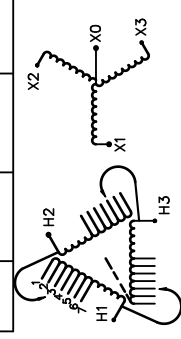
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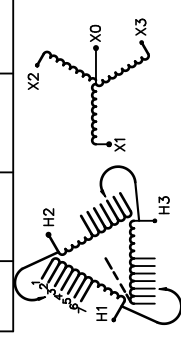
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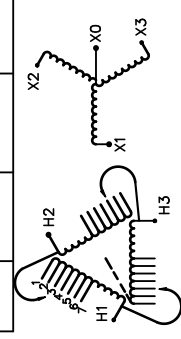
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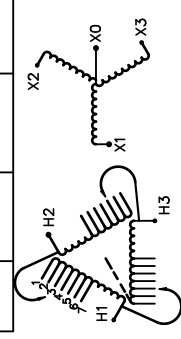
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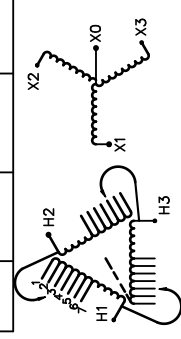
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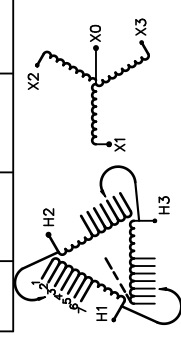
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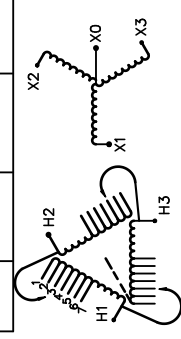
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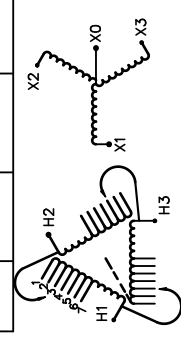
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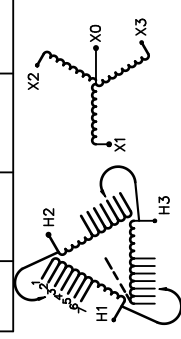
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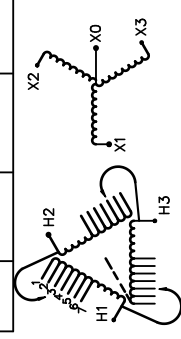
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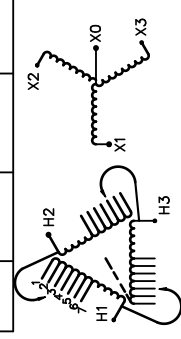
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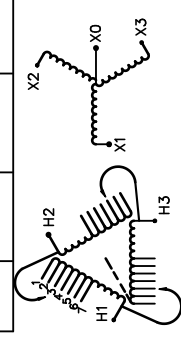
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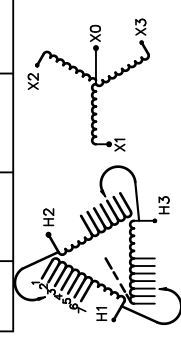
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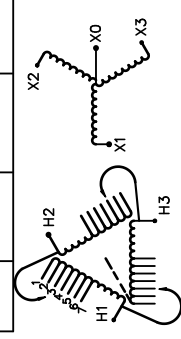
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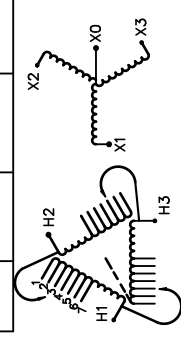
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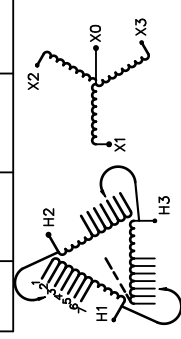
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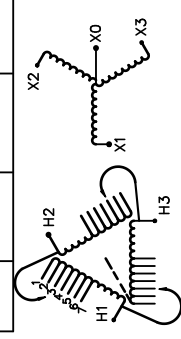
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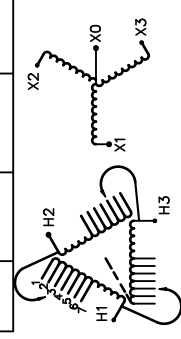
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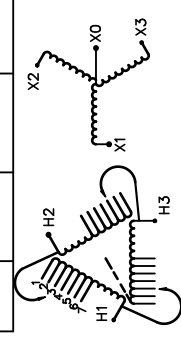
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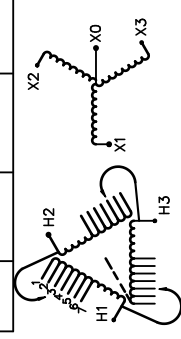
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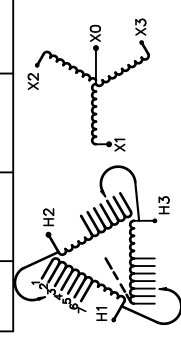
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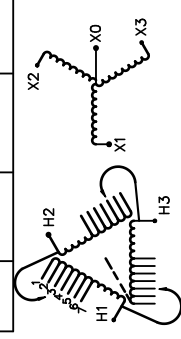
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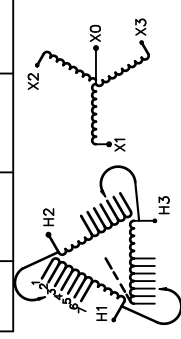
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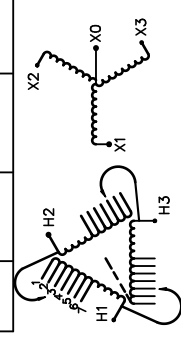
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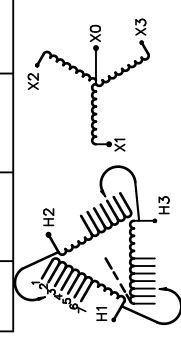
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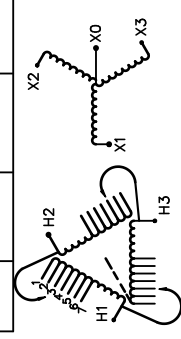
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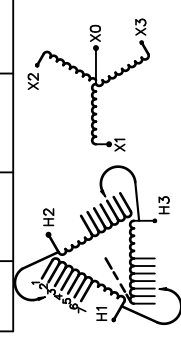
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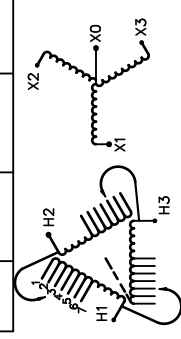
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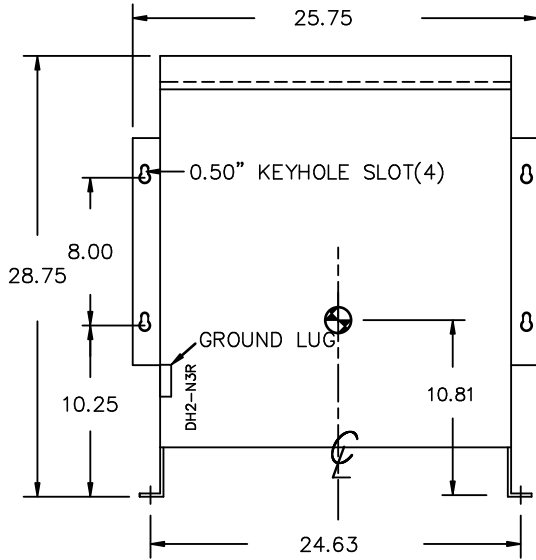
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SEISMIC QUALIFICATIONS:
GSP-0136/IBC,

FRONT VIEW



SIDE VIEW



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

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SUITABLE FOR #14-2 CU/AL
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MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #2/0-14 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- X0 TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL PROVIDED



TITLE: 3PH DISTRIBUTION TRANSFORMER

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SHEET 2 OF 3

EDBSK3A0030PK9S

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

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 3 OF 3

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