



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


3	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE	DES: LCEN
2	21/07/16	PP	EDB UPDATE	DATE: 16/09/13
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDB3H3U0030KB3S

3.0 httpd 2026/04/04 17:08

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

hammond HPS Sentinel™ H

DRY TYPE HARMONIC MITIGATING TRANSFORMER

TRANSFORMATEUR À SEC POUR MITIGATION D'HARMONIQUES

Part No. SH3U0030KB3S

Serial No. [] No. de Serie []

Phase 3

Type K

Cooling Refroidissement ANN

kVA 30

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement AL

Frequency Fréquence Hz 60

Impedance % @ 170 °C 6.1

Encl Type Type De Coffrage 3R

Weight Poids lbs 350

Baraboo, WI Monterrey, MX

DRY TYPE TRANSFORMER 8 03423 13502 7

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ 2-18 BY UNDERMETERS LABORATORIES INC. 316

LISTED

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

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
504	34.4	105	1
492	35.2	102.5	2
480	36.1	100	3
468	37.0	97.5	4
456	38.0	95	5
444	39.0	92.5	6
432	40.1	90	7

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

0.95 MAX

H1 34
H2 35
H3 36

SENTINEL H

ANGULAR DISPLACEMENT

-30°

X1 X2 X3 X0

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

d000190hb

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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

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

CUSTOMER NOTES:

- HV1 TERMINATED AT BOTTOM FRONT
- LV1 TERMINATED AT TOP FRONT
- 200% RATED NEUTRAL



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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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