



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

EDB SH3U0030KB3S

3.0 httpd 2026/05/25 12:43

hammond
POWER SOLUTIONS

Guelph, ONT Compton, CA
Hyderabad, IN

HPS Sentinel™ H
DRY TYPE HARMONIC MITIGATING TRANSFORMER
TRANSFORMATEUR À SEC POUR MITIGATION D'HARMONIQUES

Baraboo, WI
Monterrey, MX

Part No. SH3U0030KB3S

LISTED

DRY TYPE TRANSFORMER 8 03423 13502 7
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ 2-18 BY UNDERWITERS LABORATORIES INC. 316

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	CONNECTIONS / CONNECTIONS 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

Serial No. No. de Serie:

Model:

HV/HT:

Term Bornes:

LV/BT:

Temp. Rise Echauffement:

Temp. Class Classe Temp:

Winding Enroulement:

Frequency Fréquence Hz:

Impedance % Impédance % @ 170 °C:

Encl. Type Type De Coffrage:

Weight Poids lbs:

Phase:

Type:

Cooling Refroidissement:

kVA:

Temp. Rise Echauffement:

Temp. Class Classe Temp:

Winding Enroulement:

Frequency Fréquence Hz:

Impedance % Impédance % @ 170 °C:

Encl. Type Type De Coffrage:

Weight Poids lbs:

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

0.95 MAX

SENTINEL H

ANGULAR DISPLACEMENT

-30°

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

d000190hb

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



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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SHEET 2 OF 3

EDBSH3U0030KB3S

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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EDB SH 3U0030K B3S