




TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

1	21/07/16	PP	EDB UPDATE	DES: CSHAH
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSH3U0150KB3K

1.0 httpd 2026/06/10 22:44



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. SH3U0150KB3K

Serial No. [] No. de Serie []

Phase 3

Type K

Cooling Refroidissement ANN

kVA 150

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement CU

Frequency Fréquence Hz 60

Impedance % @ 170 °C 5.8

Encl Type Type De Coffrage 3R

Weight Poids lbs 1500

Baraboo, WI Monterrey, MX

LISTED

DRY TYPE TRANSFORMER 03423 13550 8

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

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT ELECTROSTATIC SHIELD

VOLTS	CURRENT COURANT	% RATED VOLTAGE / % NOMINALE	CONNECTION FOR CONNECTION PAR PHASE
504	172	105	1
492	176	102.5	2
480	180	100	3
468	185	97.5	4
456	190	95	5
444	195	92.5	6
432	200	90	7

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

Z₀ 0.95 MAX

H1 34
H2 56
H3

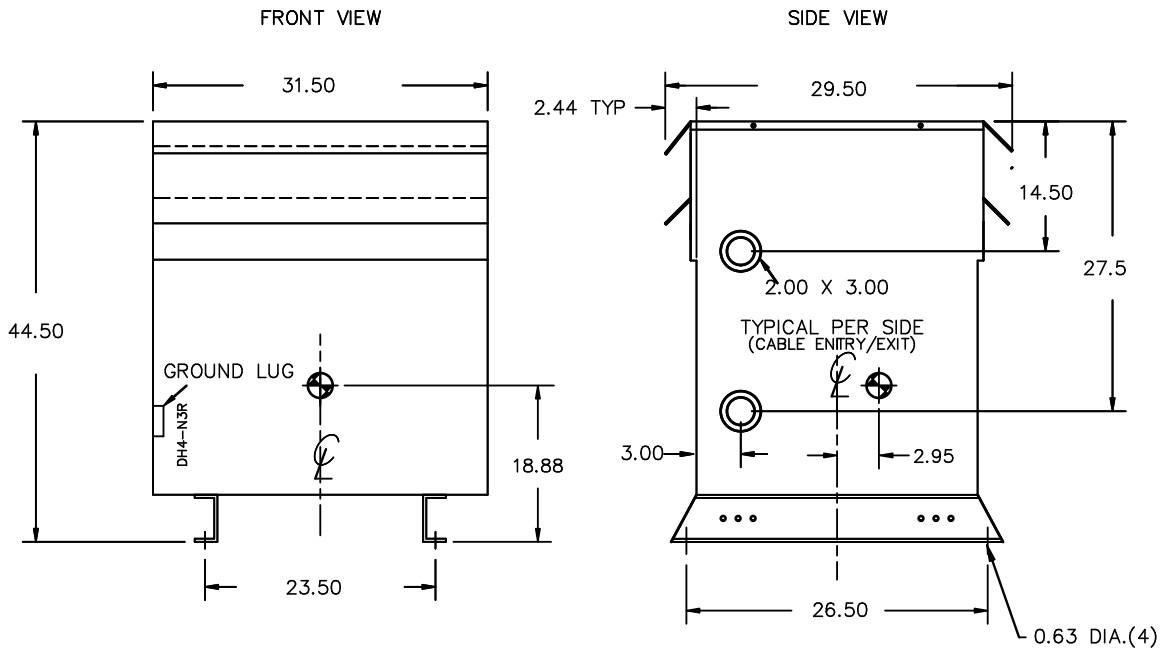
SENTINEL H

ANGULAR DISPLACEMENT

-30°

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

d000190hb



All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

XO TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 350MCM-6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 600MCM-2 CU/AL
CONDUCTORS
2 CONDUCTORS 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
- XO TERMINATED AT BOTTOM FRONT
- 200 % RATED NEUTRAL
- XO C/W 2 LUGS (DIVIDE CABLES EVENLY AMONG BOTH)



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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

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EDB SH 3U0150KB3K