



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
4	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE
3	21/07/16	PP	EDB UPDATE

SHEET 1 OF 3

EDBSK3A0112PB9K

4.0 httpd 2026/06/03 18:33

hammond
POWER SOLUTIONS

Guelph, ONT Compton, CA
Hyderabad, IN Compton, MX

HPS Sentinel™ K
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique

Part No. SK3A0112PB9K

Serial No. []
HV/HT 600V
Type K 10 kV
Cooling Term H1 H2 H3
kVA 112.5
Temp. Rise 150 °C
Temp Class 220 °C
Winding CU
Frequency 60
Impedance % 3.2
Encl Type 3R
Weight lbs 815

DOE 10 CFR PART 431:2016
CEE ACT SOR/2018-201

Suitable for non-sinusoidal current load with K-factor not to exceed 9
Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 9

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
630	103.1	105	1
615	105.6	102.5	2
600	108.3	100	3
585	111.0	97.5	4
570	114.0	95	5
555	117.0	92.5	6
540	120.0	90	7

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

LISTED

UL E11213

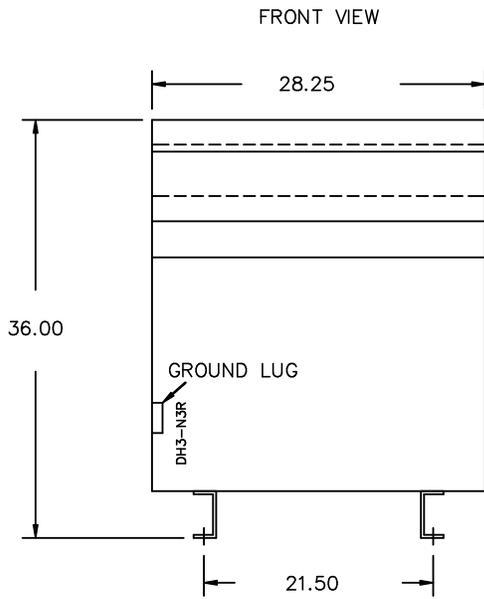
DRY TYPE TRANSFORMER 8 03423 12970 5

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

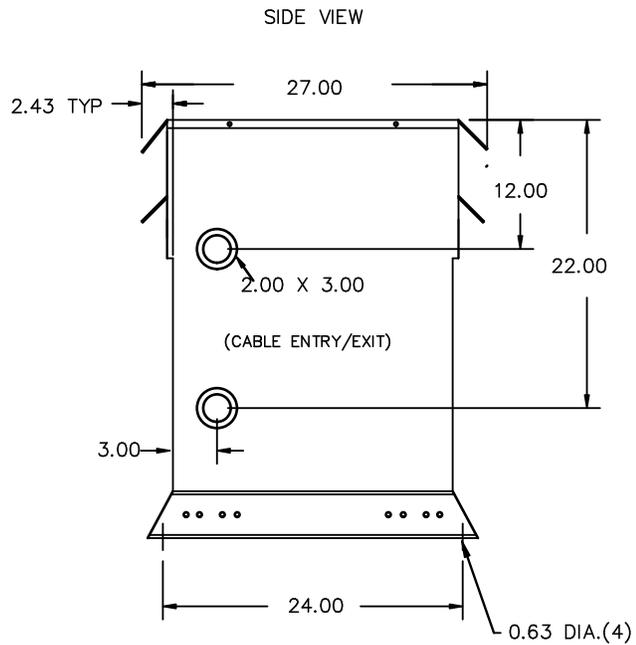
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT ELECTROSTATIC SHIELD

d000187hb

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 250MCM-6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

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

CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT



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SHEET 2 OF 3

EDBSK3A0112PB9K

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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