



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


NO.	DATE	BY	REVISION	DES: AOPPER
				DATE: 23/07/20
				SCALE: NTS

SHEET 1 OF 3

EDBSK3A0300PB9K

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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™ K
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique
Baraboo, WI
Monterrey, MX

Part No. SK3A0300PB9K

Serial No. []
HV/HT 600V 289A
BIL 10 kV
Term Bornes H1 H2 H3
LV/BT 208Y/120V 833A
BIL 10 kV
Term Bornes X0 X1 X2 X3
Energy Regulations DOE 10 CFR PART 431:2016
Reglements Energetique CEE ACT SOR/2018-201

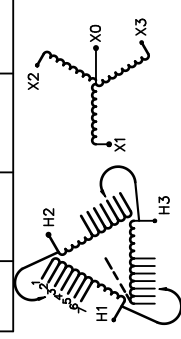
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES ELECTROSTATIC SHIELD

Cust. Ref. []
Phase 3
Type K
Cooling Refroidissement ANN
kVA 300
Temp. Rise Echauffement 150 °C
Temp Class Classe Temp 220 °C
Winding Enroulement CU
Frequency Fréquence Hz 60
Impedance % @ 170 °C 4.4
Encl Type Type De Coffrage 3R
Weight lbs/kg Poids 2050/930

DRY TYPE TRANSFORMER E112313
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ-18 BY UNDERMETERS LABORATORIES INC. 3106

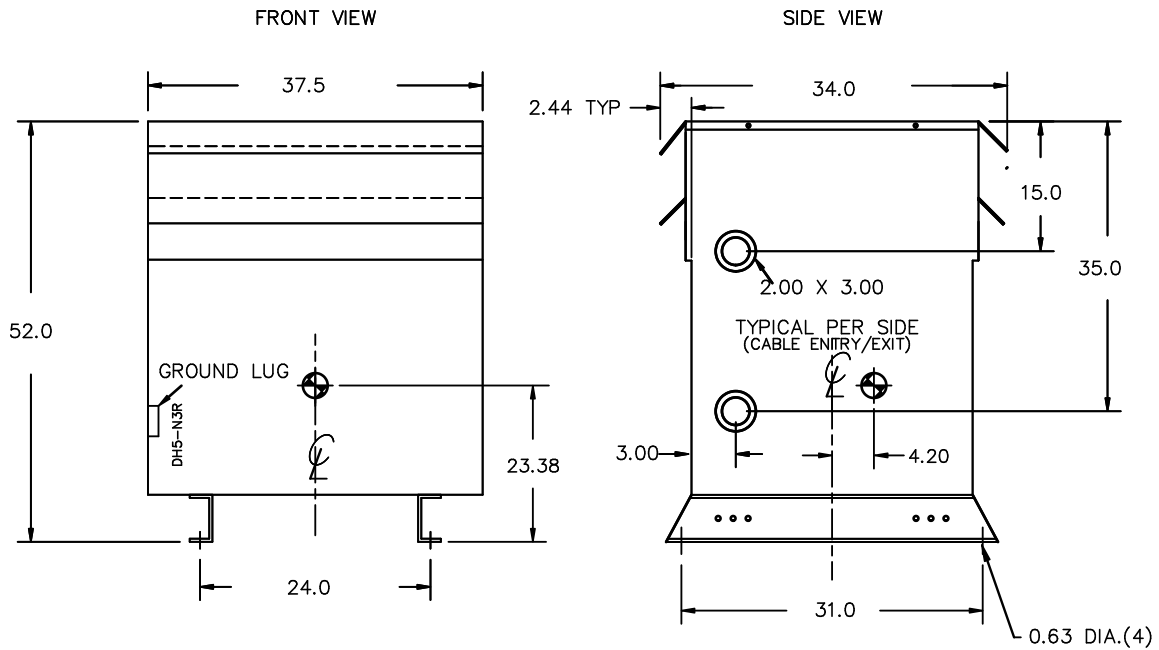
LISTED

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
618	280	103	1
609	284	101.5	2
600	289	100	3
591	293	98.5	4
582	298	97	5
573	302	95.5	6
564	307	94	7



SEISMIC QUALIFICATIONS:
X0 FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/n=0 Ip=1.5

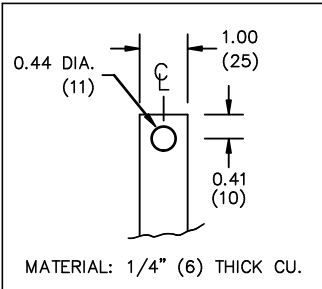
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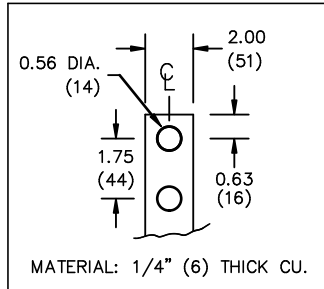
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

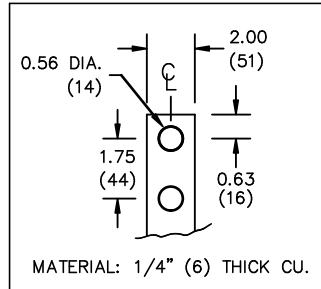
HV TERMINAL DETAIL



LV TERMINAL DETAIL



XO TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
 - LV TERMINATED AT BOTTOM FRONT
 - XO TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL XO HAS TWO TERMINALS, DIVIDE CABLES EVENLY



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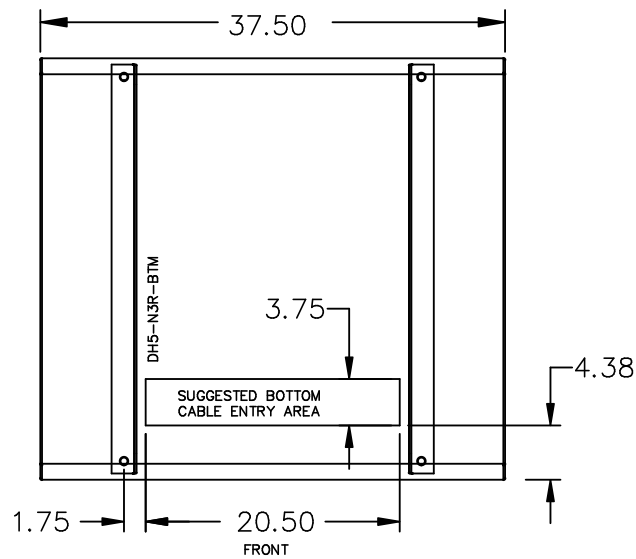
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ENCLOSURE BOTTOM VIEW



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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