



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	SCALE:
2	21/07/16	PP	EDB UPDATE	DES: CSHAH
1	20/03/17	PP	SEISMIC UPDATE	DATE: 19/07/08
				NTS

SHEET 1 OF 3

EDBSK3A0300PB4S

2.1 httpd 2026/05/25 12:47

**POWER SOLUTIONS**  
Guelph, ONT  
Compton, CA

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

Hyderabad, IN  
Compton, CA  
Monterrey, MX

Part No. **SK3A0300PB4S**

Serial No. [ ]  
HV/HT 600V  
BIL 10 kV  
Term Bornes H1 H2 H3  
LV/BT 208Y/120V 833A  
BIL 10 kV  
Term Bornes X0 X1 X2 X3

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

Suitable for non-sinusoidal current load with K-factor not to exceed 4  
Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 4

Weight lbs/kg 2010/912

Impedance % 4.9

Frequency Hz 60

Winding Enroulement AL

Temp Class 220 °C

Temp. Rise Echauffement 150 °C

kVA 300

Cooling Refroidissement ANN

Type K

Phase 3

Serial No. [ ]

Serial No. de Serie [ ]

Current Courant 275, 282, 289, 296, 304, 312, 321

% Rated Voltage % Nominal 105, 102.5, 100, 97.5, 95, 92.5, 90

Volts 630, 615, 600, 585, 570, 555, 540

Connections Connexions PAR PHASE 1, 2, 3, 4, 5, 6, 7

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

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

LISTED

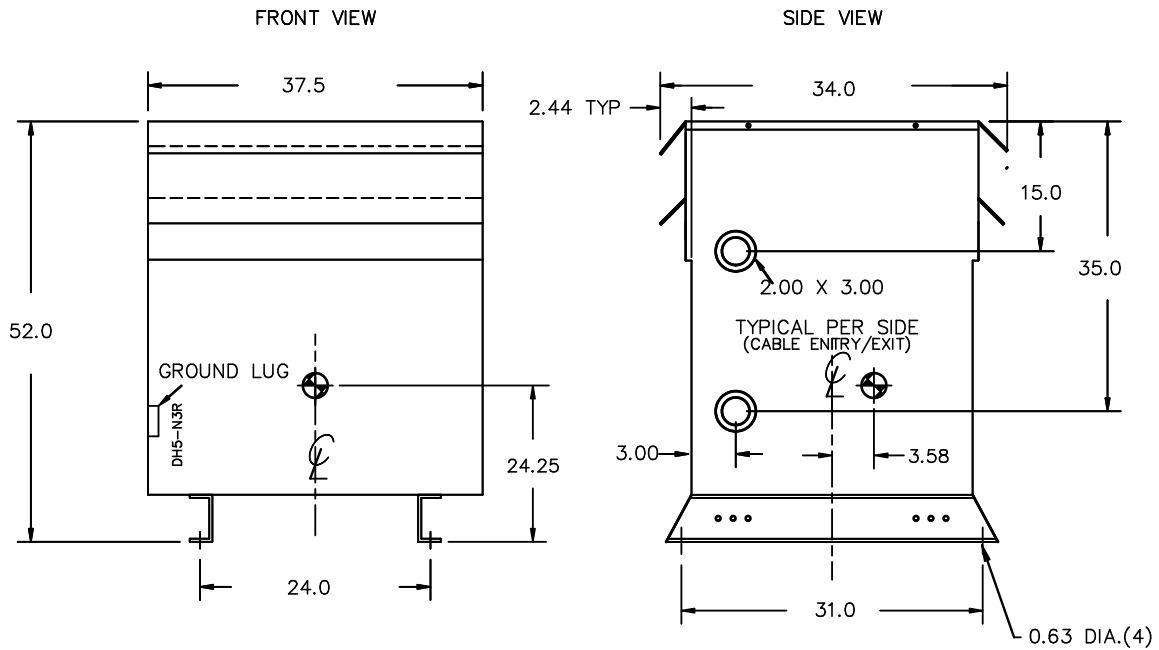
DRY TYPE TRANSFORMER E112313 ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ 2-18 BY UNDERMETERS LABORATORIES INC. 316

0342312874 6

LR 3902

d000187hb

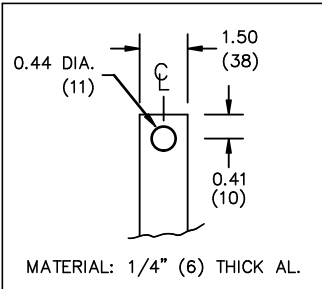
THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.



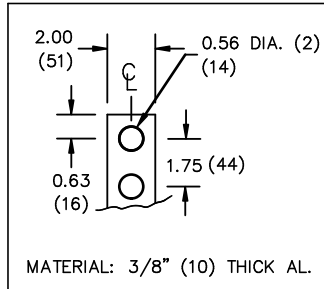
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

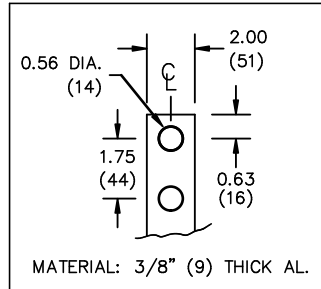
HV TERMINAL DETAIL



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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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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