



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	DES: LCEN
				DATE: 22/10/19
				SCALE: NTS

SHEET 1 OF 3

EDBSG3A0300DKOC

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POWER SOLUTIONS
Guelph, ONT
Hyderabad, IN Compton, CA

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

Baraboo, WI
Monterrey, MX

Part No. **SG3A0300DKOC**

LR 3902
DRY TYPE DISTRIBUTION TRANSFORMER
77US E112313



LISTED

8 03423 12778 7
ALSO REFER TO THE FOLLOWING STANDARDS:
UL 1561 AND IEC 60076-18
BY UNDERWRITERS LABORATORIES INC. @ 316

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES
TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
250	687	104	1
240	722	100	2
230	760	96	3

Cust. Ref. [] Serial No. []
Ref. du Client [] No. de Serie []

Phase 3 HV/HT 480Y/277V 361A

Type K BIL 10 kV

Cooling Refroidissement ANN Term Bornes H0 H1 H2 H3

kVA 300 LV/BT 240V 722A

Temp. Rise Echauffement 150 °C BIL 10 kV

Temp Class Classe Temp 220 °C Term Bornes X1 X2 X3

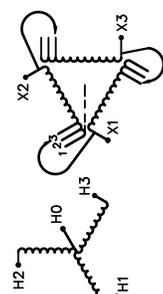
Winding Enroulement CU Energy Regulations DOE 10 CFR PART 431:2016

Frequency Fréquence Hz 60 CEE ACT SOR/2018-201

Impedance % @ 170 °C 5.4

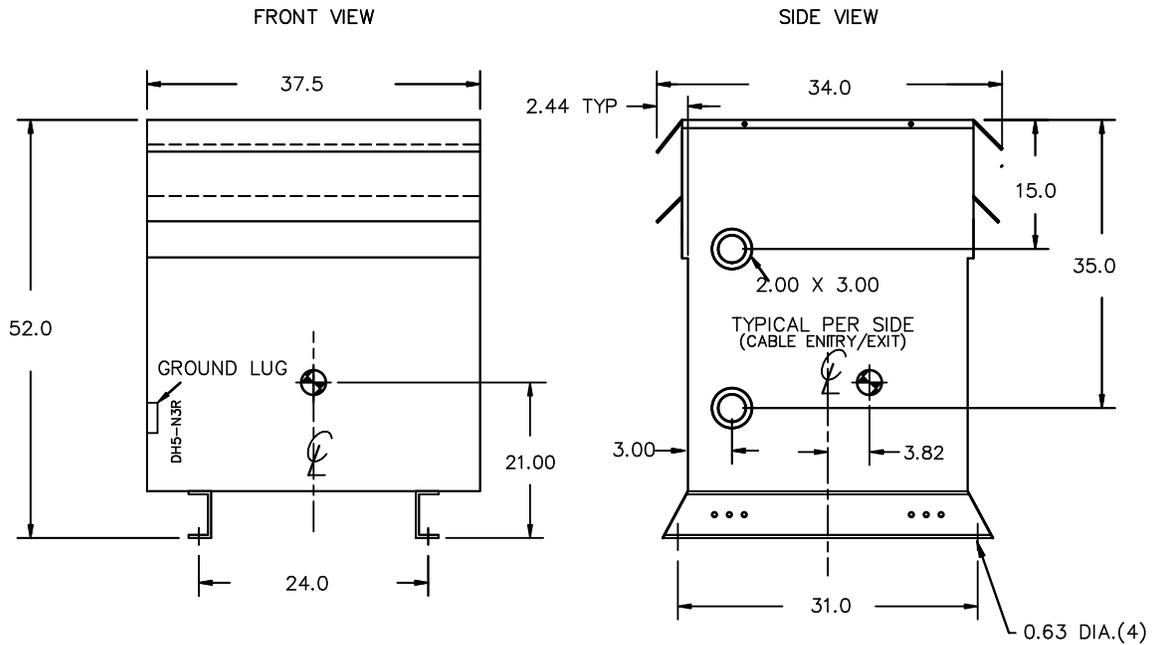
Encl. Type Type de Coffrage 3R

Weight Poids lbs/kg 1850/840



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

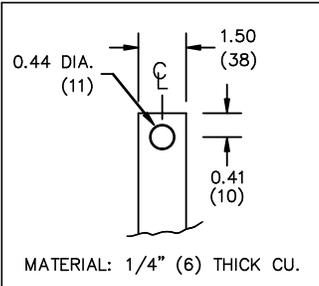
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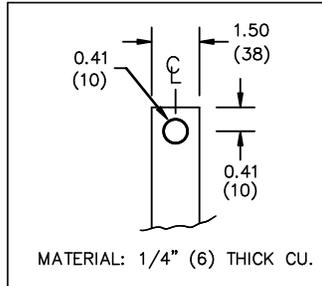
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

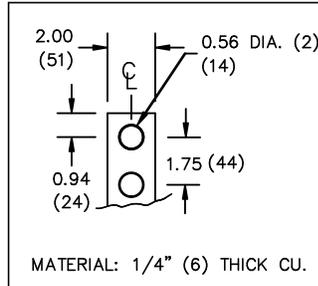
HV TERMINAL DETAIL



HO TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT BOTTOM FRONT
- HO TERMINATED AT BOTTOM FRONT
- LV TERMINATED AT TOP FRONT



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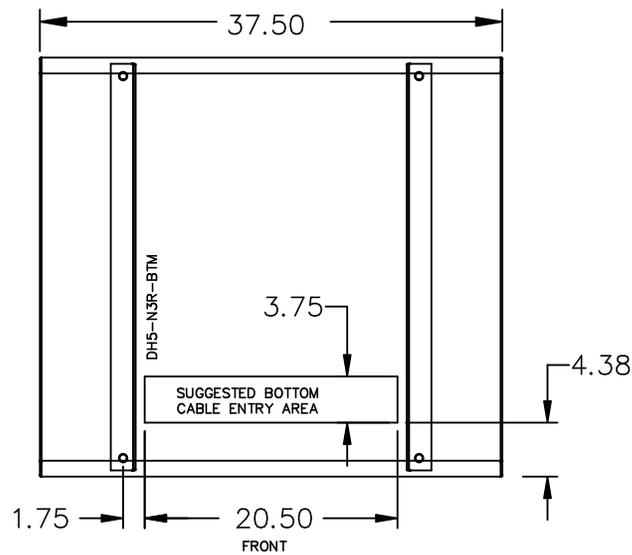
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ENCLOSURE BOTTOM VIEW



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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 ENCLOSURE BOTTOM VIEW

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