



Hammond Power
Solutions Inc.

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

2	21/09/28	CS	NOTE ADDED	DES: RMOVVA
1	21/07/13	PP	EDB UPDATE	DATE: 20/06/16
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

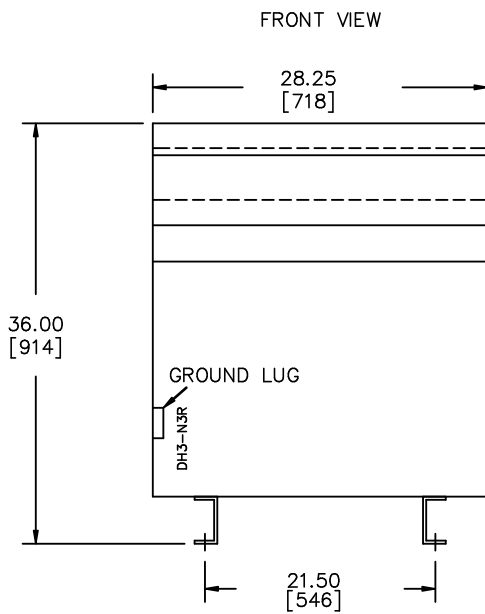
EDB SC3Y0112BK0AHCO5

2.0 cshah 2021/09/28 14:46

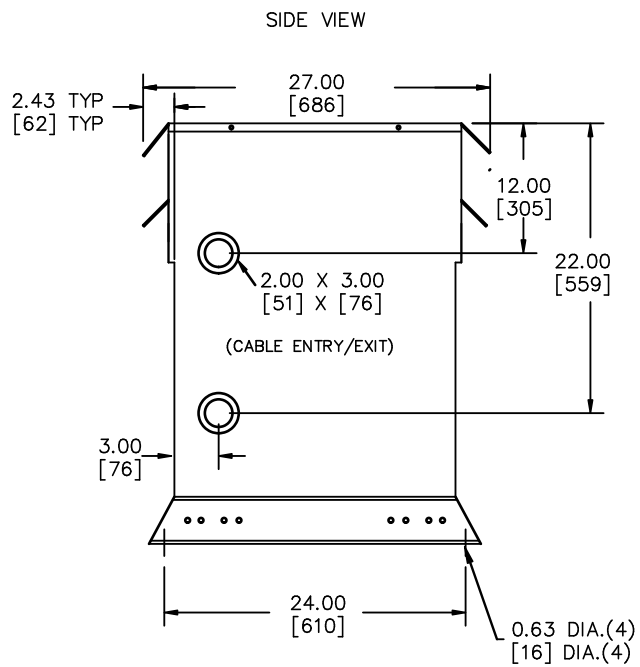
		Hammond Power Solutions Guelph, ONT Compton, CA		Baraboo, WI Monterrey, MX		Part No. SG3Y0112BK0AHCO5		HPS Sentinel™ Solar Duty Energy Efficient Distribution Transformer Transformateur de Distribution à Bon Rendement Énergétique		 UL LISTED E112313 BY UNDERWRITERS LABORATORIES INC. @ 3146		DRY TYPE DISTRIBUTION TRANSFORMER ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERWRITERS LABORATORIES INC. @ 3146		© LR 3902	
Cust. Ref. Ref. du Client	Serial No. No. de Série	HV/HT	480Y/277V	135A	VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE	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 DISCONNECT ALL 3 PHASES OF PRIMARY FROM SOURCE FOR A SINGLE LINE TO GROUND FAULT SUITABLE FOR BI-DIRECTIONAL USE LV IS GRID-SIDE VOLTAGE SUITABLE FOR SYSTEM WITH SOLIDLY GROUNDED HVLV AND GRID SIDE NEUTRAL						
Phase	3	BIL	10 kV		225 215 208	292 302 312	106.8 103.4 100	1 2 3							
Type	K	Term Bornes	H0 H1 H2 H3		201 194	323 335	96.6 93.2	4 5							
Cooling Refroidissement	ANN	LV/BT	208Y/120V	312A	187 180	348 361	89.8 86.4	6 7							
kVA	112.5	BIL	10 kV												
Temp. Rise Échauffement	150 °C	Term Bornes	X0 X1 X2 X3												
Temp Class Classe Temp	220 °C	Energy Regulations	DOE 10 CFR PART 431:2016												
Winding Enroulement	AL	Reglements de Énergétique	CEE ACT SOR/2018-201												
Frequency Hz	60														
Impedance % @ 170 °C	6.3														
Encl. Type Type de Coffrage	3R														
Weight Poids	740/336														

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

d000205hb



All Dimensions in inches[mm]



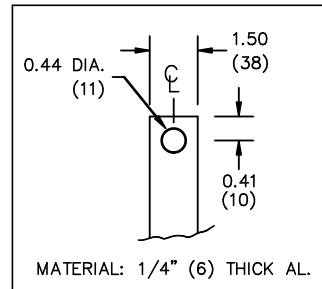
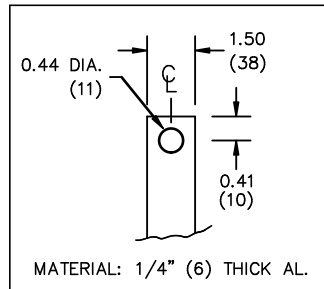
ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

XO TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 250MCM-6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE



CUSTOMER NOTES:

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



TITLE: 3PH DISTRIBUTION TRANSFORMER

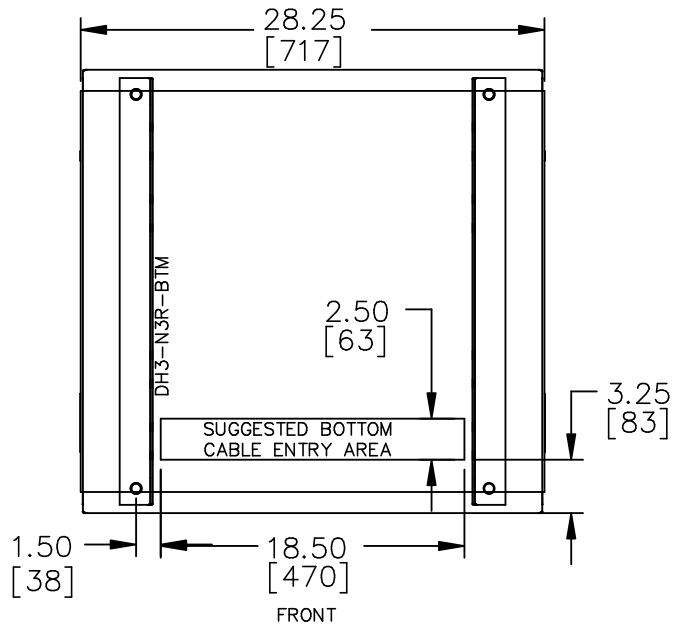
2	21/09/28	CS	NOTE ADDED	DES: RMOVVA
1	21/07/13	PP	EDB UPDATE	DATE: 20/06/16
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 2 OF 3

EDBSC3Y0112BK0AHCOS

2.0 cshah 2021/09/28 14:46

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



TITLE: 3PH DISTRIBUTION TRANSFORMER
ENCLOSURE BOTTOM VIEW

2	21/09/28	CS	NOTE ADDED	DES: RMOVVA
1	21/07/13	PP	EDB UPDATE	DATE: 20/06/16
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 3 OF 3

EDBSC3Y0112BK0AH/COS

2.0 cshah 2021/09/28 14:46