



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


3	21/07/16	PP	EDB UPDATE	DES: PPLICASSI
2	20/03/17	PP	SEISMIC UPDATE	DATE: 15/12/02
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDB SG3A0075BKOC

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POWER SOLUTIONS
Guelph, ONT Compton, CA Hyderabad, IN
Baraboo, WI Monterrey, MX

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

Part No. **SG3A0075BKOC**

LR 3902
DRY TYPE TRANSFORMER 77US E112313
ALSO REFER TO LOCAL INSTRUCTIONS TO ENERGY STANDARDS CPD25-18 BY UNDERWRITERS LABORATORIES INC. @ 316



LISTED

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

TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY

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

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
218	198	105	1
213	203	102.5	2
208	208	100	3
203	214	97.5	4
198	219	95	5
192	225	92.5	6
187	231	90	7

Serial No. [] HV/HT 480Y/277V

Type [] BIL 10 kV

Cooling [] ANN Term Bornes H0 H1 H2 H3

kVA [] 75 LV/BT 208V

Temp. Rise [] 150 °C BIL 10 kV

Temp Class [] 220 °C Term Bornes X1 X2 X3

Winding [] CU Energy Regulations DOE 10 CFR PART 431:2016

Frequency [] 60 Reglements CEE ACT SOR/2018-201

Impedance % [] 3.8 @ 170 °C

Encl. Type [] 3R

Weight [] 595 lbs Poids

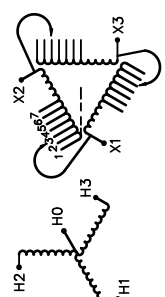
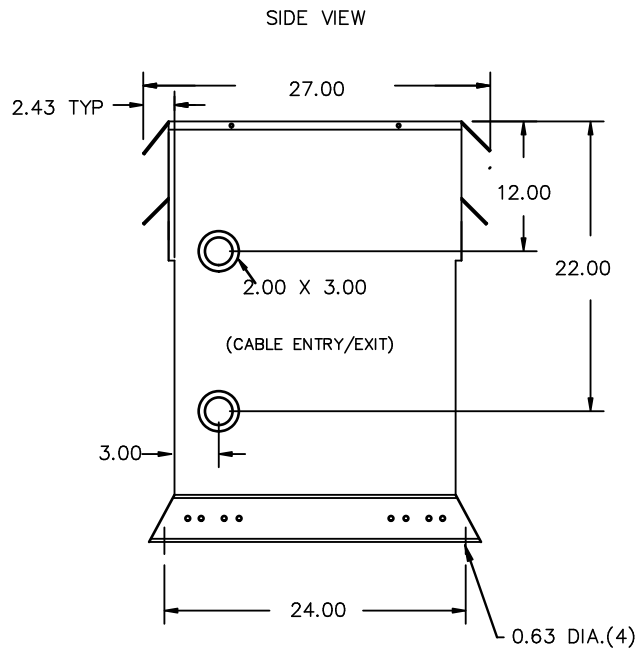


Diagram showing terminal connections: H0, H1, H2, H3, X1, X2, X3.

d000186hb



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 #2/0-14 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 600MCM-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

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



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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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