




TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

4	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE	DES: RMOVVA
3	21/07/16	PP	EDB UPDATE	DATE: 16/05/20
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSC3A0075BB

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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. **SG3A0075BB**

Serial No. []
No. de Serie []

Phase 3 HV/HT

Type K BIL

Cooling Refroidissement ANN Term Bornes

kVA 75 LV/BT

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement AL Energy Regulations

Frequency Fréquence Hz 60 Reglements de Énergétique

Impedance % @ 170 °C 5.4

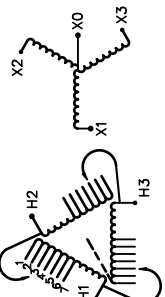
Encl. Type Type de Coffrage 3R

Weight Poids lbs 600

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

DOE 10 CFR PART 431:2016


CEE ACT SOR/2018-201



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

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

LISTED



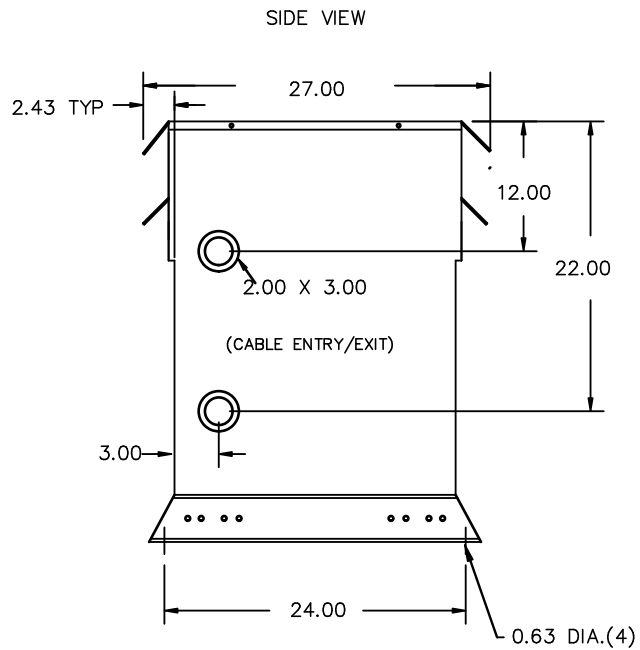
LR 3902
DRY TYPE
77US
E112313

ALSO LISTED TO:
UL 1568 AND IEC 60076-18
BY UNDERWRITERS LABORATORIES INC. @ 3148

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 600MCM-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

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CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM 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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