



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
3	21/07/16	PP	EDB UPDATE
2	20/03/17	PP	SEISMIC UPDATE
			DES: JWEN
			DATE: 15/11/09
			SCALE: NTS

SHEET 1 OF 3

EDB3G3A0075KK

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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. **SG3A0075KK**

**LISTED** **LR 3902**  
 DRY TYPE  
 77US  
 E112313  
 ALSO REFER TO THE LISTING  
 TO ENERGY STANDARDS C900-18  
 BY UNDERWRITERS LABORATORIES INC. @ 316

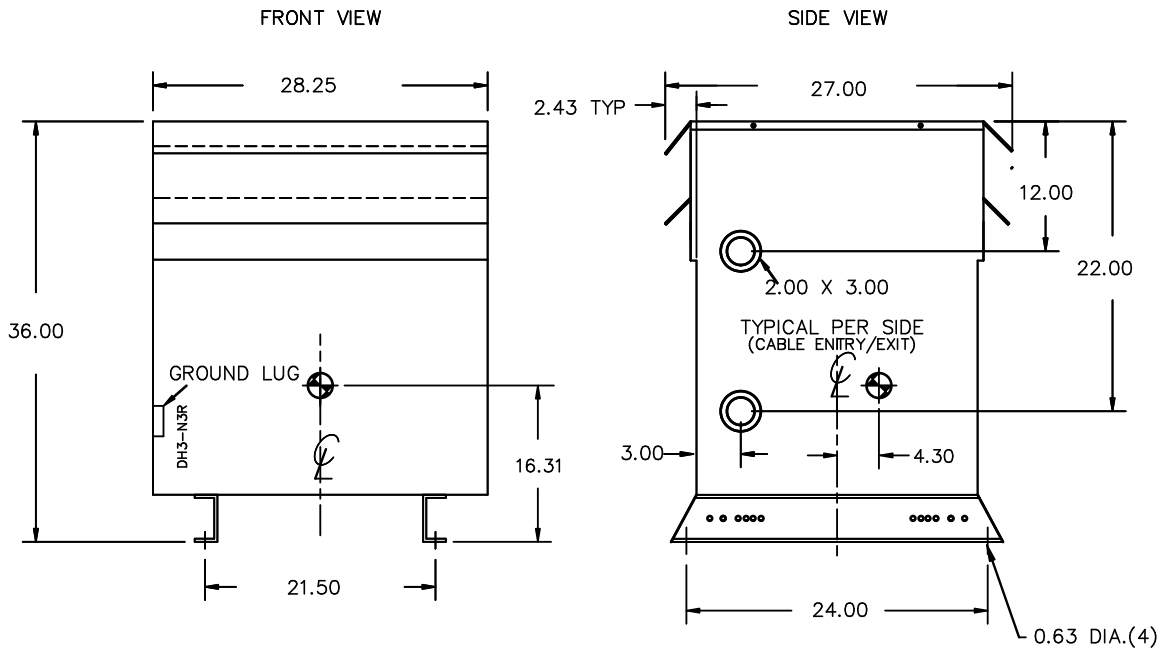
Serial No. [ ]  
 No. de Serie [ ]  
 HV/HT 480V 90.2A  
 BIL 10 kV  
 Term Bornes H1 H2 H3  
 LV/BT 480Y/277V 90.2A  
 BIL 10 kV  
 Term Bornes X0 X1 X2 X3  
 Energy Regulations DOE 10 CFR PART 431:2016  
 Reglements de l'Energétique CEE ACT SOR/2018-201  
 Impedance % @ 170°C 4.1  
 Encl. Type 3R  
 Type de Coffrage 575  
 Weight lbs  
 Poids

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
504	85.9	105	1
492	88.0	102.5	2
480	90.2	100	3
468	92.5	97.5	4
456	95.0	95	5
444	97.5	92.5	6
432	100.2	90	7

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES

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

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

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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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