



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

3	24/01/10	MM	REVISED DEPTH DIM.	DES: DCORTEZ
2	21/07/16	PP	EDB UPDATE	DATE: 18/02/21
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSG3A0500PKOC

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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. **SG3A0500PKOC**

LISTED **LR 3902**
 DRY TYPE TRANSFORMER 8003423172854 18
 ALSO REFER TO ENERGY STANDARDS BOARD C900-18
 BY UNDERWRITERS LABORATORIES INC. @ 3148

Cust. Ref. Ref. du Client	Serial No. No. de Serie	VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
3	HV/HT	600V	458	105	1-2
K	BIL	615	469	102.5	2-3
ANN	Term Bornes	600	481	100	3-4
500	LV/BT	585	493	97.5	4-5
150 °C	BIL	570	506	95	5-6
220 °C	Term Bornes	555	520	92.5	6-7
CU	Energy Regulations	540	535	90	7-8
60	Reglements de Énergétique				
5.7	Impedance % @ 170 °C				
3R	Encl. Type Type de Coffrage				
3150/1429	Weight lbs/kg Poids				

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES

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

FRONT VIEW



** - Recommended cable entry locations only
cutouts & gland plates not provided.

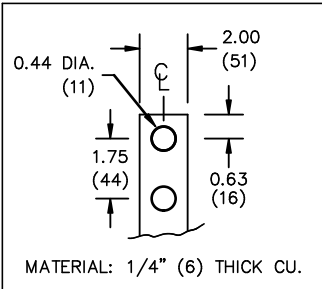
SIDE VIEW



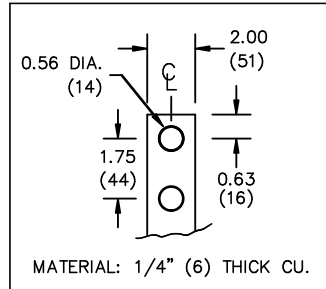
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV 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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