




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

EDBSG3C0150KD

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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. **SG3C0150KD**

**LISTED**  **LR 3902**  
 DRY TYPE TRANSFORMER 8003423172434  
 ALSO LISTED IN CONNECTION WITH ENERGY STANDARDS GROUP-18  
 BY UNDERWRITERS LABORATORIES INC. @ 3148

Cust. Ref.

Ref. du Client

Serial No.

No. de Serie

Phase  HV/HT

Type  BIL

Cooling  Term Bornes

Refrédissement

kVA  LV/BT

Temp. Rise  °C

Echauffement

Temp Class  °C

Classe Temp

Winding  Energy Regulations

Enroulement

Frequency  Reglements

Fréquence Hz

Impedance %

@ 170 °C

Encl. Type

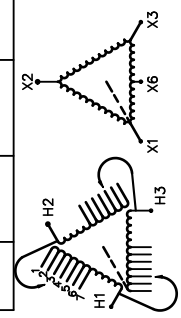
Type de Coffrage

Weight  lbs

Poids

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
504	172	105	1
492	176	102.5	2
480	180	100	3
468	185	97.5	4
456	190	95	5
444	195	92.5	6
432	200	90	7

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 X6=120V CT, 5% OF KVA RATING MAXIMUM



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

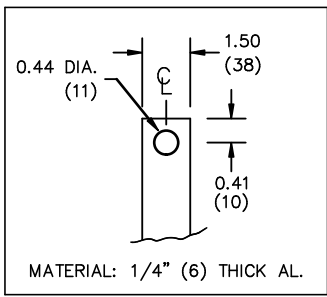


ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 350MCM-6 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE



- CUSTOMER NOTES:
- HV1 TERMINATED AT TOP FRONT
  - LV1 TERMINATED AT BOTTOM FRONT



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EDBSC0150KD



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

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