



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

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

SHEET 1 OF 3

EDB SG3C0150KD

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**hammond**  
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**

DRY TYPE TRANSFORMER 77US E112313

LR 3902

03423172434

ALSO REFER TO ENERGY STANDARDS CROQ 2-18 BY UNDERWRITERS LABORATORIES INC. 0148

**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 XG=120V CT, 5% OF KVA RATING MAXIMUM

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

Serial No. [ ]

Ref. du Client [ ]

Phase 3 HV/HT

Type K BIL

Cooling Refroidissement ANN Term Bornes

kVA 150 LV/BT

Temp. Rise Echauffement 150 °C BIL

Temp Class Classe Temp 220 °C Term Bornes

Winding Enroulement AL Energy Regulations

Frequency Fréquence Hz 60 Reglements de Énergétique

Impedance % @ 170 °C 4.2

Encl. Type Type De Coffrage 3R

Weight Poids lbs 945

480V

10 kV

H1 H2 H3

240V

10 kV

X1 X2 X3

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

d000186hb



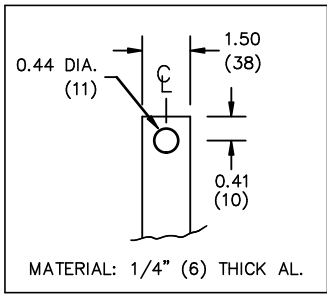
All Dimensions in inches

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

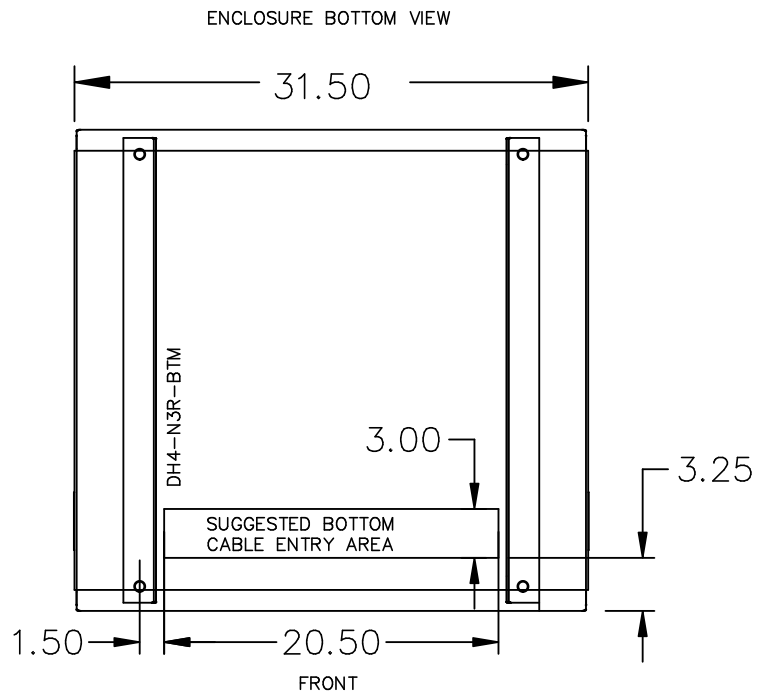


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EDBSG3C0150KD



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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