



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

EDB SG3A0150DK

3.0 httpd 2026/04/27 14:05

THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.



POWER SOLUTIONS
Guelph, ONT Compton, CA Hyderabad, IN

HPS Sentinel™ G
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI Monterrey, MX
Part No. SG3A0150DK


DRY TYPE
77US
E112313

LR 3902

03423112347 5

ALSO REFER TO ENERGY STANDARDS CODES BY UNDERWRITERS LABORATORIES INC. @ 316

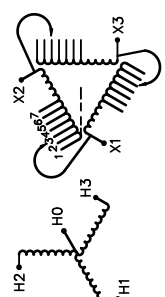
LISTED



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

TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY

Cust. Ref. Ref. du Client	Serial No. No. de Serie	HV/HT	480Y/277V	CONNECTION EACH PHASE CONNECTION PAR PHASE	1 2 3 4 5 6 7
Phase	3	BIL	10 kV	% RATED VOLTAGE % TENSION NOMINALE	105 102.5 100 97.5 95 92.5 90
Type	K	Term Bornes	H0 H1 H2 H3	CURRENT COURANT	344 352 361 370 380 390 401
Cooling Refroidissement	ANN	LV/BT	240V	VOLTS	252 246 240 234 228 222 216
kVA	150	BIL	10 kV		
Temp. Rise Echauffement	150 °C	Term Bornes	X1 X2 X3		
Temp Class Classe Temp	220 °C	Energy Regulations Règlement de Énergétique	DOE 10 CFR PART 431:2016		
Winding Enroulement	AL	Frequency Hz	60		
Impedance % @ 170 °C	4.6	Impedance % @ 170 °C	4.6		
Encl. Type Type de Coffrage	3R	Weight Poids	935		



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

d000186hb



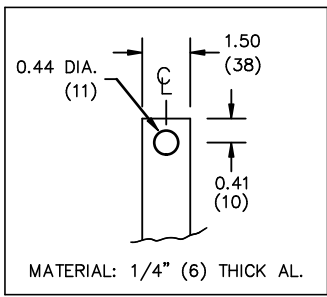
All Dimensions in inches

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 BOTTOM FRONT
- LV1 TERMINATED AT TOP FRONT



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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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