



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


NO.	DATE	BY	REVISION	SCALE:
5	21/07/13	PP	EDB UPDATE	DES: GPATEL
4	20/03/17	PP	SEISMIC UPDATE	DATE: 15/12/29
				SCALE: NTS

SHEET 1 OF 3

EDBSC3A0030BG

5.0 httpd 2026/04/27 14:10

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
Baraboo, WI Monterrey, MX

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

Part No. **SG3A0030BG**

Serial No.

No. de Serie

HV/HT **380Y/219V** 45.6A

BIL **10 kV**

Term Bornes **H0 H1 H2 H3**

LV/BT **208V** 83.3A

BIL **10 kV**

Term Bornes **X1 X2 X3**

Energy Regulations **DOE 10 CFR PART 431:2016**

Reglements de l'Energétique **CEE ACT SOR/2018-201**

Frequency Hz **60**

Impedance % @ 170°C **5.1**

Encl. Type **3R**

Type de Coffrage **3R**

Weight lbs **280**

Poids **280**

LR 3902

DRY TYPE DISTRIBUTION TRANSFORMER

UL LISTED

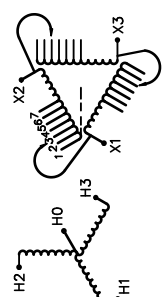
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO2-18 BY UNDERWRITERS LABORATORIES INC. @ 316

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

TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY

SEISMIC QUALIFICATIONS:
OSP=0.136/IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=1 Ip=1.5

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
218	79.3	105	1
213	81.2	102.5	2
208	83.3	100	3
203	85.4	97.5	4
198	87.7	95	5
192	90.0	92.5	6
187	92.5	90	7



d000186hb



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #14-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #2/0-14 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

- HV TERMINATED AT BOTTOM FRONT
- LV TERMINATED AT TOP FRONT



TITLE: 3PH DISTRIBUTION TRANSFORMER

5	21/07/13	PP	EDB UPDATE	DES: GPATEL
4	20/03/17	PP	SEISMIC UPDATE	DATE: 15/12/29
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 2 OF 3

EDBSC3A0030BG

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



TITLE: 3PH DISTRIBUTION TRANSFORMER
 ENCLOSURE BOTTOM VIEW

5	21/07/13	PP	EDB UPDATE	DES: GPATEL
4	20/03/17	PP	SEISMIC UPDATE	DATE: 15/12/29
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 3 OF 3

EDBSC3A0030B6