



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

| | | | | | | |
|-----|----------|----|------------------------|--------|----------|--------|
| NO. | DATE | BY | REVISION | DES: | DATE: | SCALE: |
| 4 | 23/03/07 | DC | ADDED NOTE FOR STEP UP | GPATEL | 16/08/02 | NTS |
| 3 | 21/07/13 | PP | EDB UPDATE | | | |

SHEET 1 OF 3

EDB SG3A0015BG

4.0 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
Hyderabad, IN Compton, CA

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

Baraboo, WI
Monterrey, MX

Part No. **SG3A0015BG**

Serial No. []
No. de Serie []

HV/HT 380Y/219V 22.8A

BIL 10 kV

Term Bornes H0 H1 H2 H3

LV/BT 208V 41.6A

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

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

TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY

Cust. Ref. []
Ref. du Client []

Phase 3

Type K

Cooling Refroidissement ANN

kVA 15

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement AL

Frequency Fréquence Hz 60

Impedance % @ 170 °C 4.2

Encl. Type Type de Coffrage 3R

Weight Poids lbs/kg 175/80

| VOLTS | CURRENT COURANT | % RATED VOLTAGE % TENSION NOMINALE | CONNECTION EACH PHASE CONNECTION PAR PHASE |
|-------|-----------------|------------------------------------|--|
| 218 | 39.7 | 105 | 1 |
| 213 | 40.6 | 102.5 | 2 |
| 208 | 41.6 | 100 | 3 |
| 203 | 42.7 | 97.5 | 4 |
| 198 | 43.8 | 95 | 5 |
| 192 | 45.0 | 92.5 | 6 |
| 187 | 46.3 | 90 | 7 |

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

d000186hb

LISTED

DRY TYPE TRANSFORMER
77US E112313

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C902-18 BY UNDERWRITERS LABORATORIES INC. @ 316

LR 3902

FRONT VIEW



SIDE VIEW



All Dimensions in inches

ENCLOSURE COLOR : ANSI-61 GREY PAINT OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

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

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CUSTOMER NOTES:

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



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EDBSC3A0015BG

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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