



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 SG3A0030PK

3.0 httpd 2026/06/08 00:58

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. **SG3A0030PK**

LR 3902
DRY TYPE
TRANSFORMER
77US
E112313

8 03423 12590 5
ALSO REFER TO THE FOLLOWING STANDARDS:
UL ENERGY STANDARDS C100-18
BY UNDERWRITERS LABORATORIES INC. @ 316

LISTED

Serial No. []
No. de Serie []

Phase 3 HV/HT

Type K BIL

Cooling Refroidissement ANN Term Bornes

kVA 30 LV/BT

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement AL Energy Regulations

Frequency Fréquence Hz 60 Règlements de Énergétique

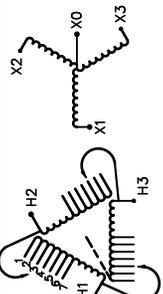
Impedance % @ 170 °C 4.8

Encl. Type Type de Coffrage 3R

Weight Poids lbs 280

| VOLTS | CURRENT COURANT | % RATED VOLTAGE % TENSION NOMINALE | CONNECTION EACH PHASE CONNECTION PAR PHASE |
|-------|-----------------|------------------------------------|--------------------------------------------|
| 630 | 27.5 | 105 | 1 |
| 615 | 28.2 | 102.5 | 2 |
| 600 | 28.9 | 100 | 3 |
| 585 | 29.6 | 97.5 | 4 |
| 570 | 30.4 | 95 | 5 |
| 555 | 31.2 | 92.5 | 6 |
| 540 | 32.1 | 90 | 7 |

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



SEISMIC QUALIFICATIONS:
OSP=0136/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 #14-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

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

CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT



TITLE: 3PH DISTRIBUTION TRANSFORMER

| | | | | |
|-----|----------|----|----------------|----------------|
| 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 2 OF 3

EDBSC3A0030PK

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

| | | | | |
|-----|----------|----|----------------|----------------|
| 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 3 OF 3

EDBSC3A0030PK