



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 SG3C0015KD

3.0 httpd 2026/06/02 12:44

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. **SG3C0015KD**

Serial No. []
No. de Serie []

Phase 3 HV/HT

Type K BIL

Cooling Refroidissement ANN Term Bornes

kVA 15 LV/BT

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement AL Energy Regulations

Frequency Fréquence Hz 60 Reglements de Énergétique

Impedance % @ 170 °C 4.4

Encl. Type Type de Coffrage 3R

Weight Poids lbs 175

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

LR 3902

DRY TYPE TRANSFORMER 77US E112313

UL LISTED

ALSO REFER TO ENERGY STANDARDS CRO20-18 BY UNDERWRITERS LABORATORIES INC. @ 316

03423172415

8 03423172415

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES X6=120V CT, 5% OF KVA RATING MAXIMUM

SEISMIC QUALIFICATIONS:
OSP=0136/IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=1 Ip=1.5

| VOLTS | CURRENT COURANT | % RATED VOLTAGE % TENSION NOMINALE | CONNECTION EACH PHASE CONNECTION PAR PHASE |
|-------|-----------------|------------------------------------|--|
| 504 | 17.2 | 105 | 1 |
| 482 | 17.6 | 102.5 | 2 |
| 480 | 18.0 | 100 | 3 |
| 468 | 18.5 | 97.5 | 4 |
| 456 | 19.0 | 95 | 5 |
| 444 | 19.5 | 92.5 | 6 |
| 432 | 20.0 | 90 | 7 |

d000186hb



All Dimensions in inches

ENCLOSURE COLOR : ANSI-61 GREY PAINT 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

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CUSTOMER NOTES:

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



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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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