




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 SG3A0150KK

3.0 httpd 2026/04/27 11:08



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. **SG3A0150KK**

Serial No. []
No. de Serie []

Phase **3**

Type **K**

Cooling Refroidissement **ANN**

kVA **150**

Temp. Rise Echauffement **150 °C**

Temp Class Classe Temp **220 °C**

Winding Enroulement **AL**

Frequency Fréquence Hz **60**

Impedance % @ 170 °C **4.8**

Encl. Type Type De Coffrage **3R**

Weight Poids **910** lbs

HV/HT **480V**

BIL **10 kV**

Term Bornes **H1 H2 H3**

LV/BT **480Y/277V**

BIL **10 kV**

Term Bornes **X0 X1 X2 X3**

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

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

DRY TYPE TRANSFORMER 77US E112313

LR 3902

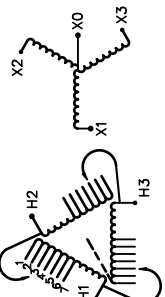
0342317249018

ALSO REFER TO ENERGY STANDARDS CRO20-18 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

| VOLTS | CURRENT COURANT | % RATED % TENSION NOMINALE | CONNECTION EACH PHASE CONNECTION PAR PHASE |
|-------|--------------------|----------------------------------|---|
| 504 | 172 | 105 | 1 |
| 492 | 176 | 102.5 | 2 |
| 480 | 180 | 100 | 3 |
| 468 | 185 | 97.5 | 4 |
| 456 | 190 | 95 | 5 |
| 444 | 195 | 92.5 | 6 |
| 432 | 200 | 90 | 7 |

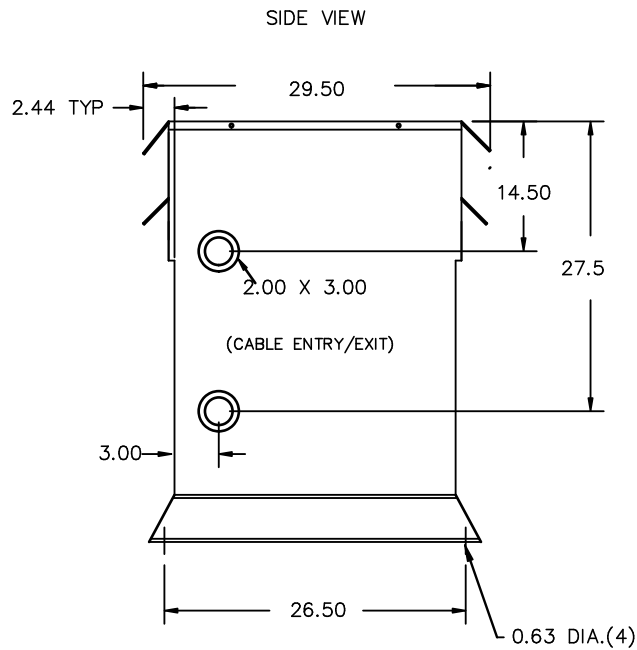


SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=1 Ip=1.5

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

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CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM 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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