



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 SG3A0225KK

3.0 httpd 2026/04/02 05:56

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

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

Baraboo, WI Monterrey, MX
Part No. SG3A0225KK

Serial No. []
No. de Serie []

HV/HT []

BIL []

Term Bornes []

LV/BT []

BIL []

Term Bornes []

Energy Regulations []

Reglements de l'Energétique []

Encl. Type []

Type de Coffrage []

Weight lbs []

Poids []

480V

10 kV

H1 H2 H3

480Y/277V

10 kV

X0 X1 X2 X3

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

3

K

ANN

225

150 °C

220 °C

AL

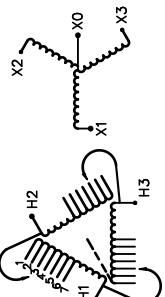
60

4.5

3R

1400

| VOLTS | CURRENT COURANT | % RATED % TENSION NOMINALE | CONNECTION EACH PHASE CONNECTION PAR PHASE |
|-------|--------------------|----------------------------------|---|
| 504 | 258 | 105 | 1 |
| 492 | 264 | 102.5 | 2 |
| 480 | 271 | 100 | 3 |
| 468 | 278 | 97.5 | 4 |
| 456 | 285 | 95 | 5 |
| 444 | 293 | 92.5 | 6 |
| 432 | 301 | 90 | 7 |



SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=0 Ip=1.5

LISTED

UL E112313

DRY TYPE TRANSFORMER 77US

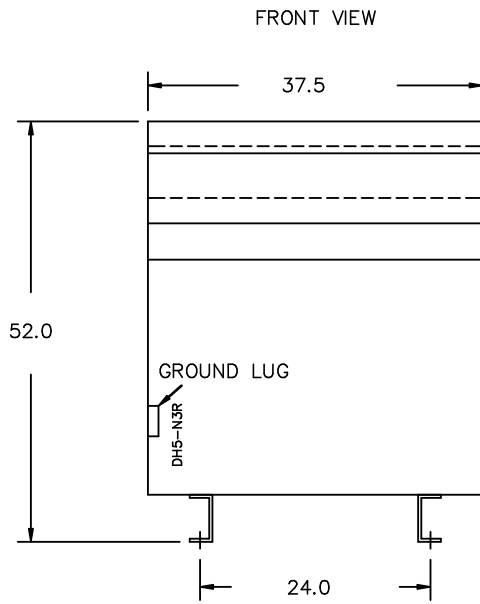
UL LR 3902

8 03423172494 6

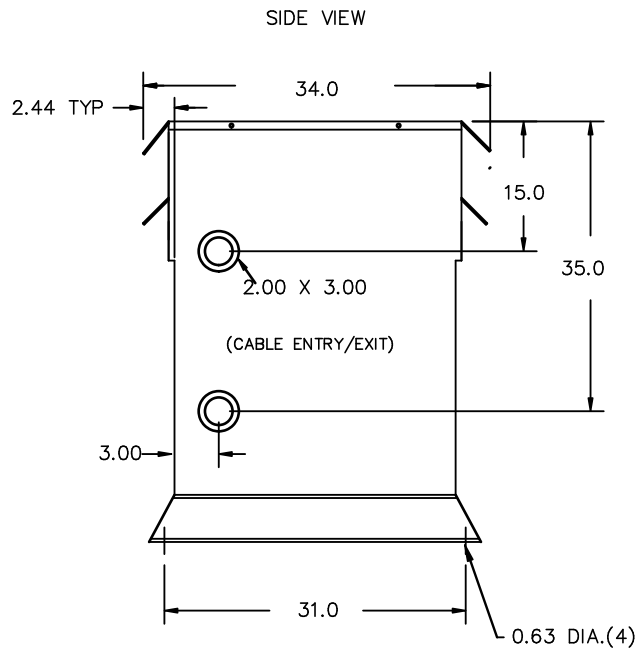
ALSO REFER TO UNDERWRITERS LABORATORIES INC. 0148

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

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
2 CONDUCTORS PER PHASE

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 600MCM-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

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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