




TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

| | | | | |
|-----|----------|----|------------|------------|
| 1 | 21/07/16 | PP | EDB UPDATE | DES: CSHAH |
| NO. | DATE | BY | REVISION | SCALE: NTS |

SHEET 1 OF 3

EDBSK3A0300KK4S

1.0 httpd 2026/06/03 23:41



POWER SOLUTIONS
Guelph, ONT
Compton, CA

HPS Sentinel™ K
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique
Baraboo, WI
Monterrey, MX

Hyderabad, IN Part No. **SK3A0300KK4S**

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

Phase 3

Type K

Cooling Refroidissement ANN

kVA 300

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement AL

Frequency Fréquence Hz 60

Impedance % @ 170 °C 4.9

Encl Type Type De Coffrage 3R

Weight Poids lbs 2000

Serial No. No. de Serie []

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 Règlement Énergétique DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

Suitable for non-sinusoidal current load with K-factor not to exceed 4
Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 4

361A

10 kV

H1 H2 H3

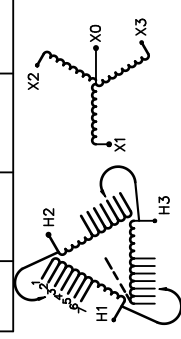
361A

10 kV

X0 X1 X2 X3

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 ELECTROSTATIC SHIELD

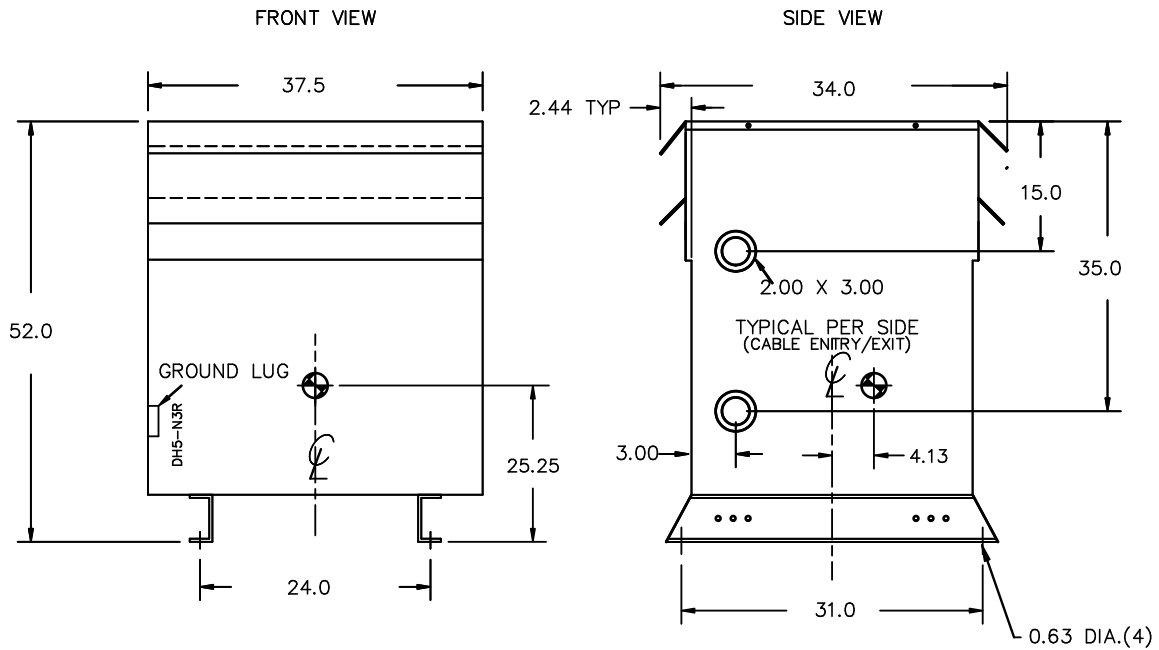
| VOLTS | CURRENT COURANT | % RATED VOLTAGE % NOMINALE | CONNECTION CONNECTION PAR PHASE |
|-------|-----------------|----------------------------|---------------------------------|
| 504 | 344 | 105 | 1 |
| 492 | 352 | 102.5 | 2 |
| 480 | 361 | 100 | 3 |
| 468 | 370 | 97.5 | 4 |
| 456 | 380 | 95 | 5 |
| 444 | 390 | 92.5 | 6 |
| 432 | 401 | 90 | 7 |



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

d000187hb

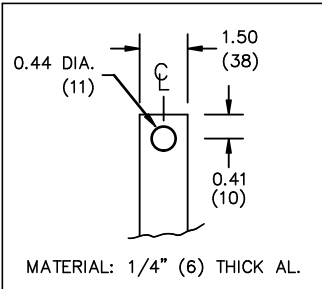
THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.



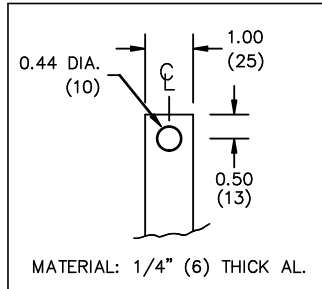
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

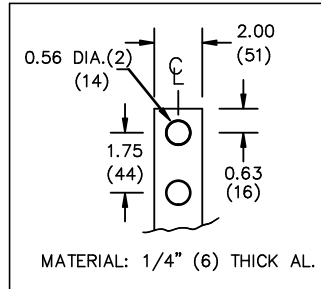
HV TERMINAL DETAIL



LV TERMINAL DETAIL



X0 TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- X0 TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL PROVIDED



TITLE: 3PH DISTRIBUTION TRANSFORMER

| | | | | |
|-----|----------|----|------------|------------|
| 1 | 21/07/16 | PP | EDB UPDATE | DES: CSHAH |
| NO. | DATE | BY | REVISION | SCALE: NTS |

SHEET 2 OF 3

EDBSK3A0300K4S

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

| | | | | |
|-----|----------|----|------------|------------|
| 1 | 21/07/16 | PP | EDB UPDATE | DES: CSHAH |
| NO. | DATE | BY | REVISION | SCALE: NTS |

SHEET 3 OF 3

EDBSK3A0300K4S