

- IMPEDANCE SHOWN IS CALCULATED VALUE - NOT GUARANTEED

d000190hb



hammond
POWER SOLUTIONS

Guelph, ONT Compton, CA Baraboo, WI
Hyderabad, IN Compton, CA Monterrey, MX

HPS Sentinel™ H

DRY TYPE HARMONIC MITIGATING TRANSFORMER
TRANSFORMATEUR À SEC POUR MITIGATION D'HARMONIQUES

Part No. SH3T0300PB3K

Serial No. [] No. de Serie []

Phase 3

Type K

Cooling Refroidissement ANN

kVA 300

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement CU

Frequency Fréquence Hz 60

Impedance % @ 170 °C 5.3

Encl Type Type De Coffrage 3R

Weight lbs/kg Poids 2350/1066

Model HV/HT 600V

Term Bornes H1 H2 H3

LV/BT 208Z/120V

Term Bornes X1 X2 X3

Neutral X0(200%)

Energy Regulations DOE 10 CFR PART 431:2016

Reglements de l'énergie CEE ACT SOR/2018-201

Z₀ 1.5 MAX

Number of Secondaries []

| VOLTS | CURRENT COURANT | % RATED VOLTAGE /% TENSION NOMINALE | CONNECTION CONNECTION PAR PHASE |
|-------|-----------------|-------------------------------------|---------------------------------|
| 630 | 275 | 105 | 1-2 |
| 615 | 282 | 102.5 | 2-3 |
| 600 | 289 | 100 | 3-4 |
| 585 | 296 | 97.5 | 4-5 |
| 570 | 304 | 95 | 5-6 |
| 555 | 312 | 92.5 | 6-7 |
| 540 | 321 | 90 | 7-8 |

H1 H2 H3

SENTINEL H

ANGULAR DISPLACEMENT 0°

X1 X2 X3 X0

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

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

LISTED

DRY TYPE TRANSFORMER 8 03423 13541 6

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ-18 E1123.13 BY UNDERWRIERS LABORATORIES INC. 316



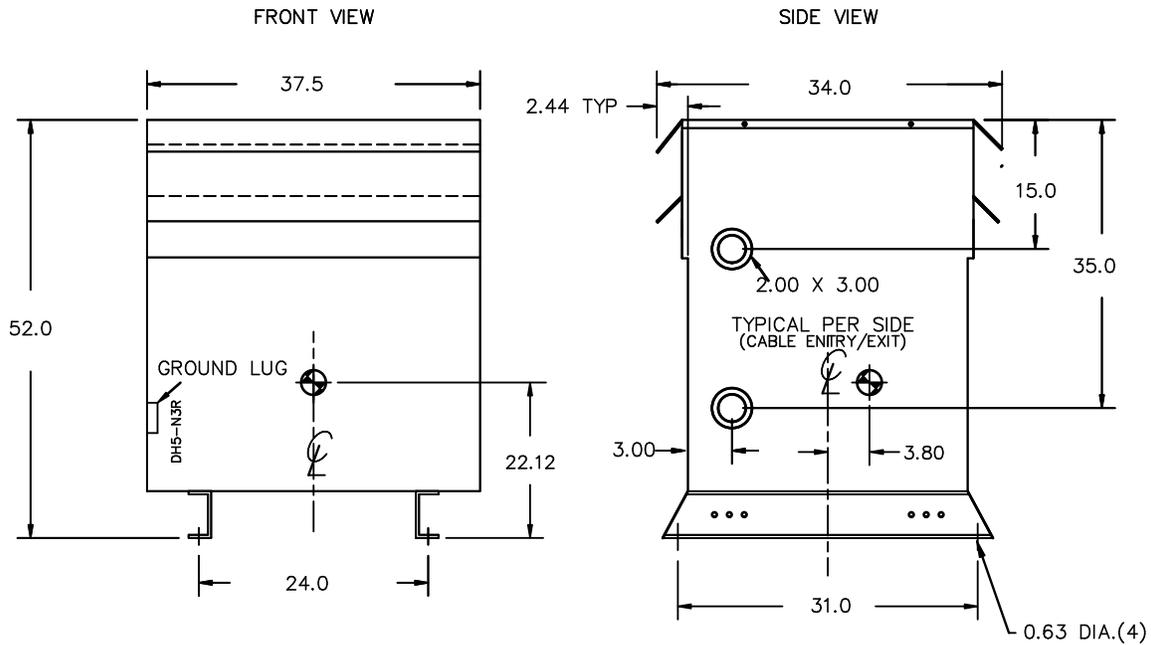
| | | | |
|---|----------|----|----------------------------|
| TITLE: 3PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION | | | |
| 1 | 23/03/16 | LC | CHANGED NPL VER: DES: LCEN |
| NO. | DATE | BY | REVISION SCALE: NTS |

SHEET 1 OF 3

EDB SH3T0300PB3K

1.0 httpd 2026/04/01 03:27

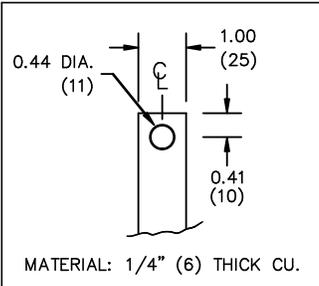
THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.



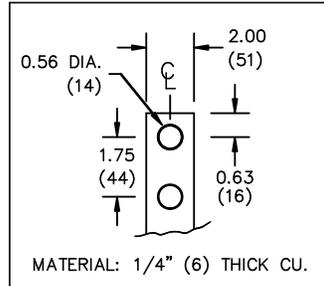
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

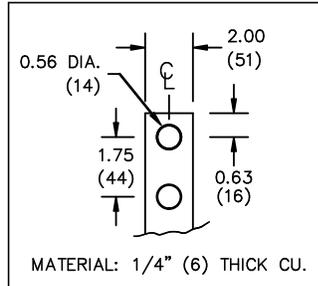
HV TERMINAL DETAIL



LV TERMINAL DETAIL



XO TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- XO TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL
- XO C/W 2 PADS (DIVIDE CABLES EVENLY AMONG BOTH)



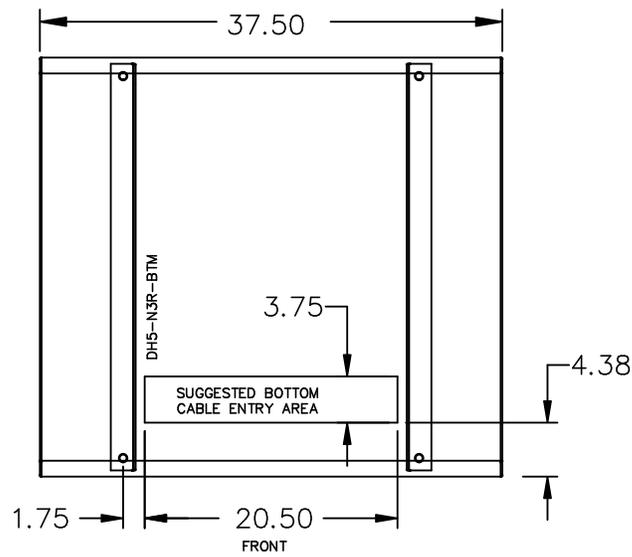
TITLE: 3PH DISTRIBUTION TRANSFORMER

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SHEET 2 OF 3

EDBSH310300PB3K

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

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

EDBSH310300PB3K