



TITLE: 1PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

| | | | | |
|-----|----------|----|---------------------------------|----------------|
| 3 | 21/11/25 | CS | NPL IMPEDANCE AND WEIGHT UPDATE | DES: RMOVVA |
| 2 | 21/07/16 | PP | EDB UPDATE | DATE: 17/07/12 |
| NO. | DATE | BY | REVISION | SCALE: NTS |

SHEET 1 OF 3

EDBSC3L0025BE

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

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. **SG3L0025BE**

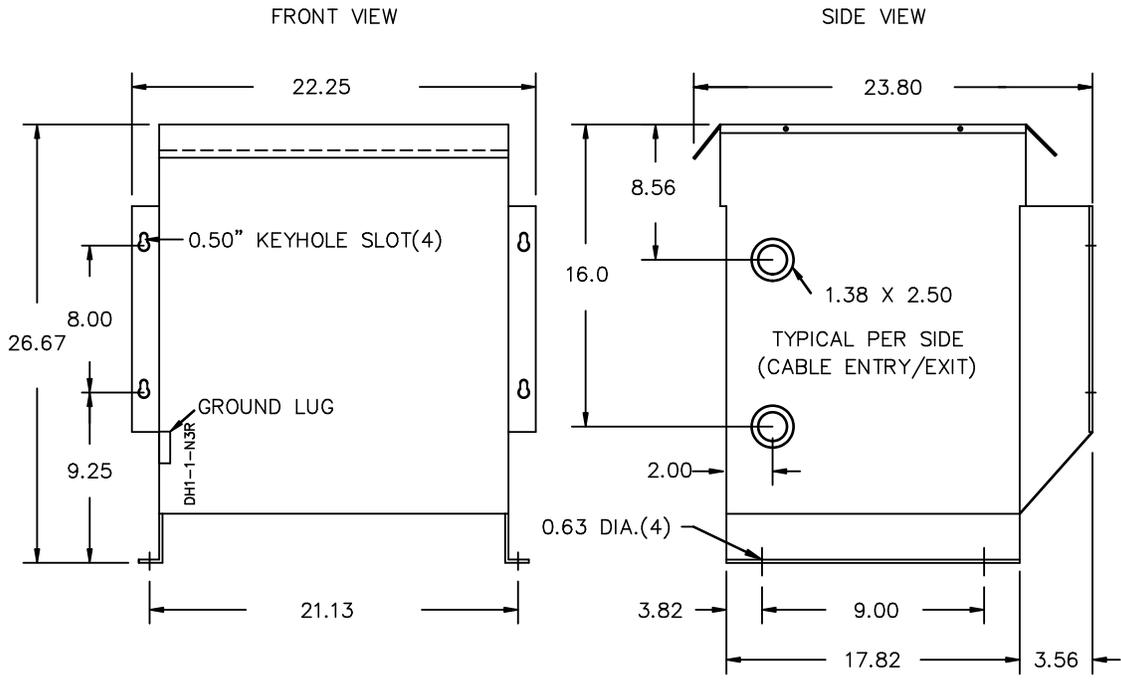
LISTED **LR 3902**
DRY TYPE TRANSFORMER
77US E112313
8 03423 174078 19
ALSO REFER TO CATALOGUE 15-18
TO ENERGY STANDARDS CROZ-18
BY UNDERWRITERS LABORATORIES INC. @ 316

| Cust. Ref. Ref. du Client | | Serial No. No. de Serie | VOLTS | | CURRENT COURANT | | % RATED VOLTAGE % TENSION NOMINALE | | CONNECTION EACH PHASE CONNECTION PAR PHASE | |
|--------------------------------|--|----------------------------|--------------------------|----------|--------------------|-----|---------------------------------------|-------|-----------------------------------------------|-----|
| Phase | | 1 | 208V | 120A | 114 | 117 | 105 | 102.5 | 1-2 | 2-3 |
| Type | | F | 10 kV | | 120 | | 100 | | 3-4 | 4-5 |
| Cooling Refroidissement | | ANN | H1 H2 | | 123 | | 97.5 | | 5-6 | |
| kVA | | 25 | 120/240V | 208/104A | 126 | | 95 | | | |
| Temp. Rise Échauffement | | 150 °C | 10 kV | | | | | | | |
| Temp Class Classe Temp | | 220 °C | X4 X2 X3 X1 | | | | | | | |
| Winding Enroulement | | AL | DOE 10 CFR PART 431:2016 | | | | | | | |
| Frequency Fréquence Hz | | 60 | CEE ACT SOR/2018-201 | | | | | | | |
| Impedance % @ 170 °C | | 5.7 | | | | | | | | |
| Encl. Type Type de Coffrage | | 3R | | | | | | | | |
| Weight Poids | | 210 | | | | | | | | |

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES

SEISMIC QUALIFICATIONS:
OSP=0136/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

HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 250MCM-6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #2/0-14 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT



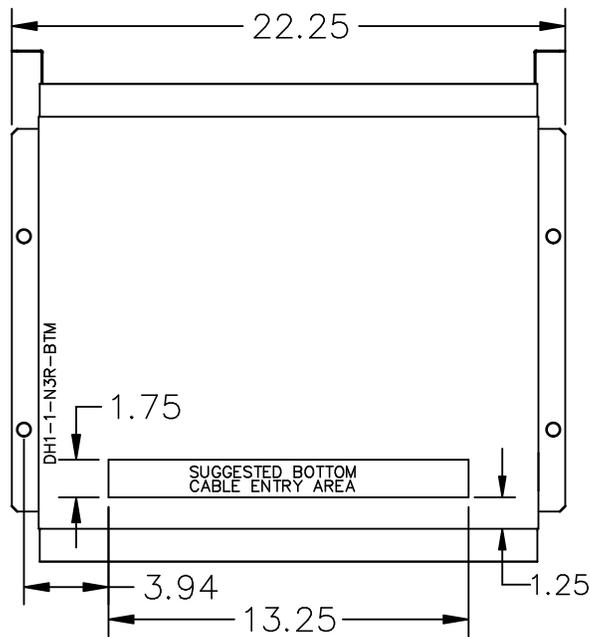
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ENCLOSURE BOTTOM VIEW



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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