



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

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

Baraboo, WI
Monterrey, MX

Part No. SG3L0025BE

Cust. Ref. [] Serial No. []
Ref. du Client [] No. de Serie []

Phase 1 HV/HT 208V 120A

Type F BIL 10 kV

Cooling Refroidissement ANN Term Bornes H1 H2

kVA 25 LV/BT 120/240V 208/104A

Temp. Rise Echauffement 150 °C BIL 10 kV

Temp Class Classe Temp 220 °C Term Bornes X4 X2 X3 X1

Winding Enroulement AL Energy Regulations DOE 10 CFR PART 431:2016

Frequency Fréquence Hz 60 Reglements de l'Energétique CEE ACT SOR/2018-201

Impedance % @ 170 °C 5.7

Encl. Type Type de Coffrage 3R

Weight Poids lbs 210

| VOLTS | CURRENT COURANT | % RATED VOLTAGE % TENSION NOMINALE | CONNECTION EACH PHASE CONNECTION PAR PHASE |
|-------|-----------------|------------------------------------|--|
| 218 | 114 | 105 | 1-2 |
| 213 | 117 | 102.5 | 2-3 |
| 208 | 120 | 100 | 3-4 |
| 203 | 123 | 97.5 | 4-5 |
| 198 | 126 | 95 | 5-6 |

LISTED LR 3902

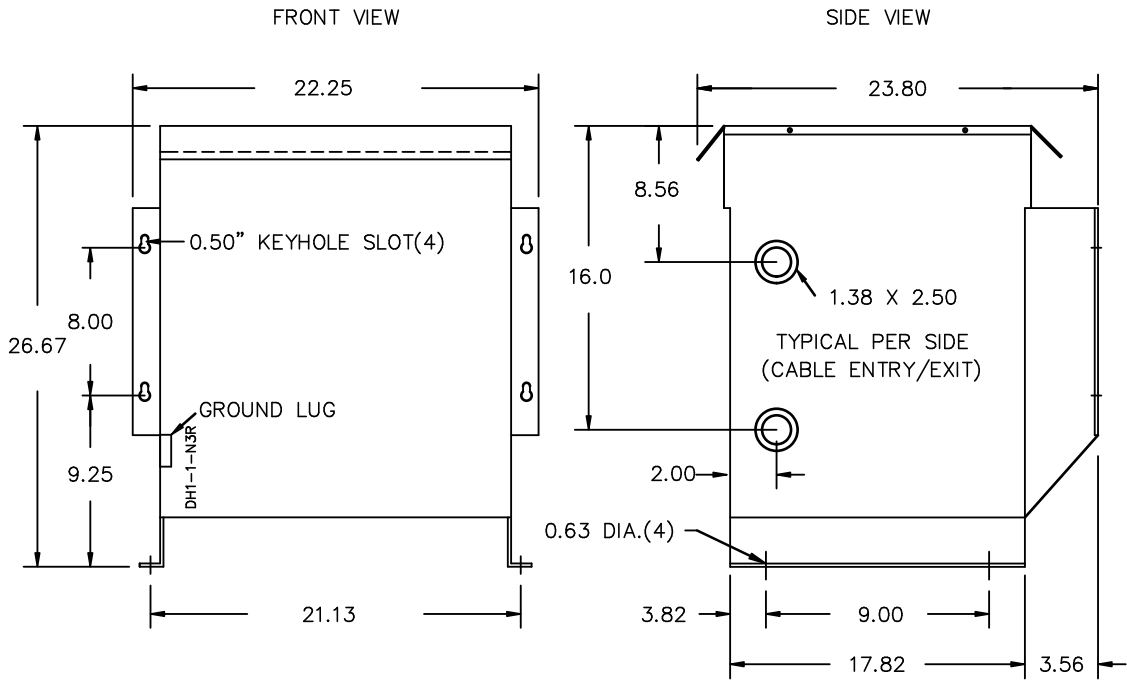
DRY TYPE TRANSFORMER 8003423174078

UL ALSO LISTED TO ENERGY STANDARD C900.18 BY UNDERWRITERS LABORATORIES INC. @ 316

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



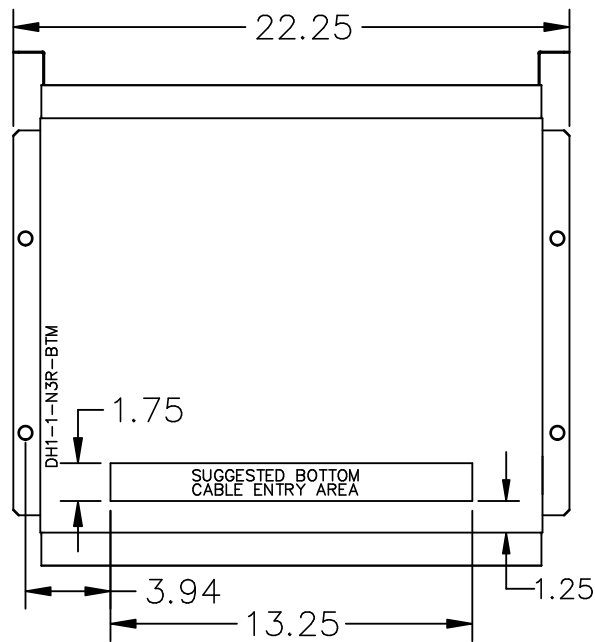
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ENCLOSURE BOTTOM VIEW



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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