



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

4	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE	DES: DCORTEZ
3	21/07/16	PP	EDB UPDATE	DATE: 19/05/24
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBMG3A1000SPSCHCO

4.0 httpd 2026/06/04 12:55

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

hammond
POWER SOLUTIONS

Guelph, ONT
Compton, CA

Hyderabad, IN

Distribution Transformer
Transformateur de Distribution

Part No. **MG3A1000SPSCHCO**

Baraboo, WI
Monterrey, MX

Serial No. _____
No. de Serie _____

HV/HT 4160V 139A

BIL 30 kV

Term Bornes H1 H2 H3

LV/BT 600Y/346V 962A

BIL 10 kV

Term Bornes X0 X1 X2 X3

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

Cust. Ref. _____
Ref. du Client _____

Phase 3

Type K

Cooling Refroidissement ANN

kVA 1000

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement CU

Frequency Fréquence Hz 60

Impedance % @ 170 °C 4.9

End. Type/Category Type ou catégorie de boîtier 3R C

Weight Poids lbs 5750

LR 3902

DISTRIBUTION TRANSFORMER E147879

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWITERS LABORATORIES INC. 316

LISTED

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES

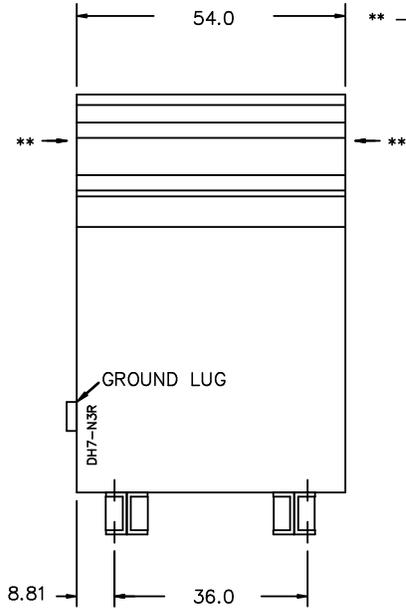
VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION FOR CONNECTION PAR PHASE
4368	132	105	1-2
4264	135	102.5	2-3
4160	139	100	3-4
4056	142	97.5	4-5
3952	146	95	5-6

TERMINAL DIAGRAM: H1, H2, H3 (Terminals); X0, X1, X2, X3 (Terminals)

SEIGNIC QUALIFICATIONS, AS FLOOR MOUNT ONLY
QUALIFICATIONS SEIGNIC, COMME MONTAGE AU SOL SEULEMENT
IBC 2018/ASSE, 7-16
SDS<=2.0g Z/n=0 Ip=1.5

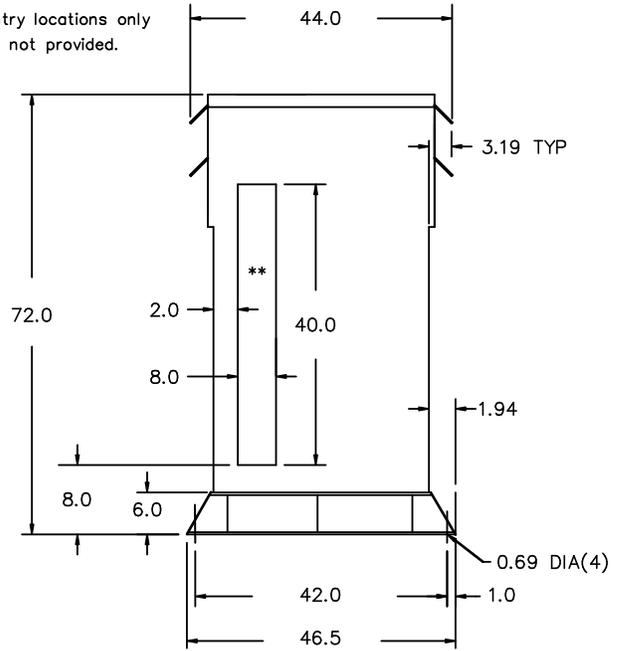
d000590hb

FRONT VIEW



** - Recommended cable entry locations only
cutouts & gland plates not provided.

SIDE VIEW



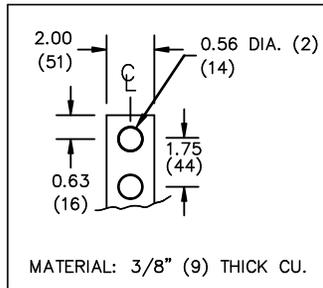
All Dimensions in inches

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



CUSTOMER NOTES:

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



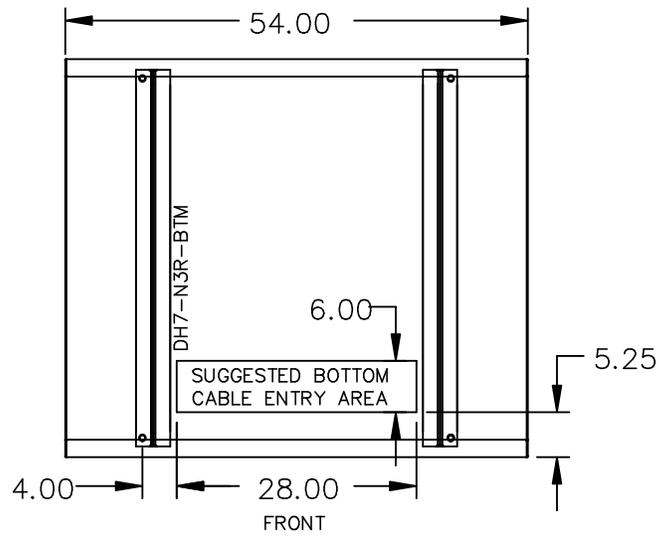
TITLE: 3PH DISTRIBUTION TRANSFORMER

4	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE	DES: DCORTEZ
3	21/07/16	PP	EDB UPDATE	DATE: 19/05/24
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 2 OF 3

EDBMG3A1000SPSCHCO

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

4	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE	DES: DCORTEZ
3	21/07/16	PP	EDB UPDATE	DATE: 19/05/24
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 3 OF 3

EDBMC3A1000SPSCHCO