hammond POWER SOLUTIONS

ENERGY EFFICIENT HARMONIC MITIGATING TRANSFORMER

TRANSFORMATEUR ÉCONOME EN ÉNERGIE RÉDUISANT LES HARMONIQUES

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

Part No. SH3U0150PB3S

® LR 3902

DRY TYPE TRANSFORMER
77U5
E112313
LISTED

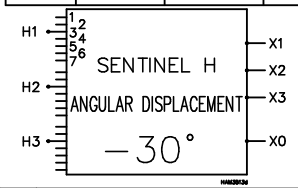
8 03423 13517 1

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWRITERS LABORATORIES INC.® 3VJ6

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	3	Model	
Type	K	HV/HT	600YV
Cooling / Refroidissement	ANN	Term / Bornes	H1 H2 H3
kVA	150	LV/BT	208Z/120V
Temp. Rise / Echauffement	150 °C	Term / Bornes	X1 X2 X3
Temp Class / Classe Temp	220 °C	Neutral	X0 (200%)
Winding / Enroulement	AL	Energy Regulations	DOE 10 CFR PART 431:2016
Frequency / Frequence Hz	60	Reglements de Energetique	CEE ACT SOR/2018-201
Impedance % @ 170 °C	4.6	Z0	0.95 MAX
Encl Type / Type De Coffrage	3R	Number of Secondaries	
Weight / Poids lbs/kg	1210/549		

VOLTS	CURRENT COURANT	%RATED VOLTAGE %TENSION NOMINALE	CONNECTION EACH PHASE CONNEXION PAR PHASE
630	137	105	1
615	141	102.5	2
600	144	100	3
585	148	97.5	4
570	152	95	5
555	156	92.5	6
540	160	90	7

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES
ELECTROSTATIC SHIELD



SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=1 Ip=1.5

d0001900b

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
1	25/03/24	LC	CHANGED NPL VER:

SCALE: NTS
DATE: 25/03/20
DES.: LCEN

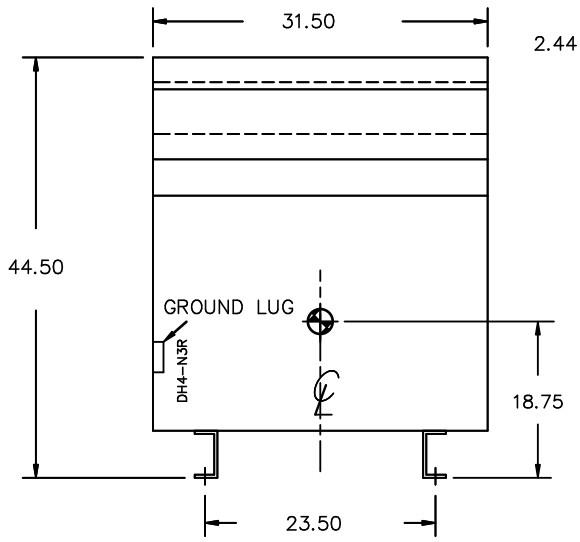
SHEET 1 OF 3

EDB SH3U0150PB3S

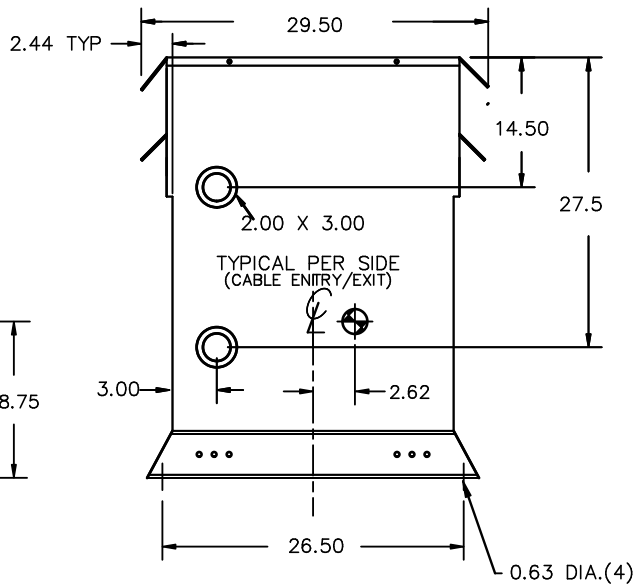
1.0 httpd 2026/11/05 18:32

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

FRONT VIEW



SIDE VIEW



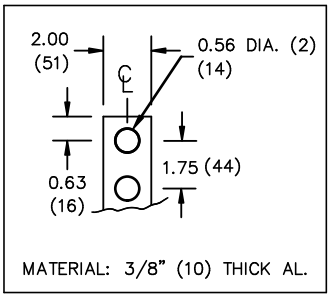
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

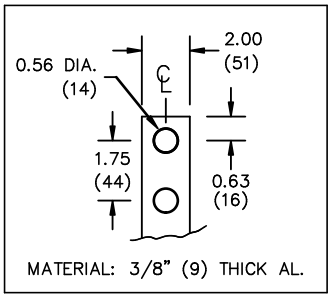
MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 250MCM–6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

LV TERMINAL DETAIL



MATERIAL: 3/8" (10) THICK AL.

X0 TERMINAL DETAIL



MATERIAL: 3/8" (9) THICK AL.

CUSTOMER NOTES:
- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- X0 TERMINATED AT BOTTOM FRONT

200% RATED NEUTRAL X0 HAS TWO TERMINALS, DIVIDE CABLES EVENLY

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

1.0 httpd 2026/11/05 18:32

hammond POWER SOLUTIONS

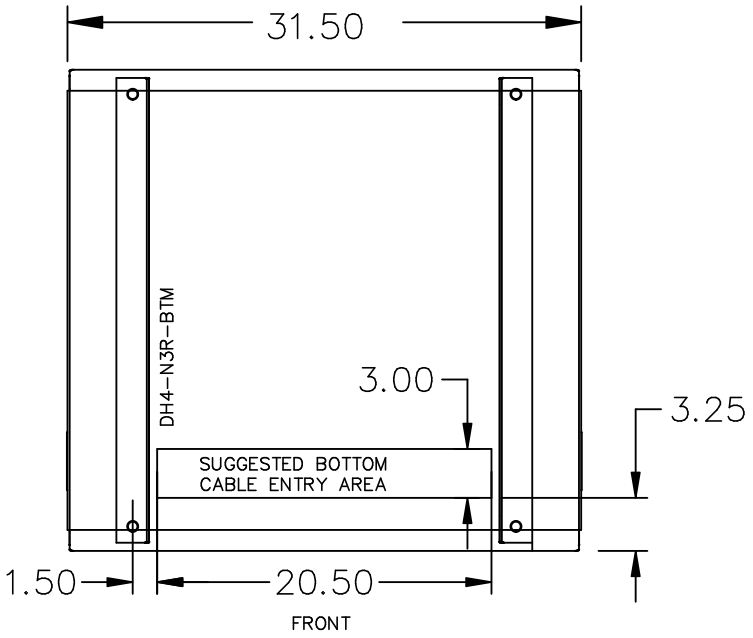
TITLE: 3PH DISTRIBUTION TRANSFORMER

NO.	DATE	BY	REVISION
1	25/03/24	LC	CHANGED NPL VER:

DES: LCEN
DATE: 25/03/20
SCALE: NTS

EDBSH3U0150PB3S

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

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

1.0 httpd 2026/11/05 18:32

hammond POWER SOLUTIONS

TITLE: 3PH DISTRIBUTION TRANSFORMER ENCLOSURE BOTTOM VIEW

NO.	DATE	BY	REVISION
1	25/03/24	LC	CHANGED NPL VER:

DES: LCEN
DATE: 25/03/20
SCALE: NTS

SHEET 3 OF 3

EDBSH3U0150PB3S