


- IMPEDANCE SHOWN IS CALCULATED VALUE

d000190hb



hammond
POWER SOLUTIONS

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

HPS Sentinel™ H
DRY TYPE HARMONIC MITIGATING TRANSFORMER
TRANSFORMATEUR À SEC POUR MITIGATION D'HARMONIQUES

Part No. SH3T0500KB3S

Serial No. []
No. de Serie []

Model []

HV/HT []

Term Bornes []

LV/BT []

Temp. Rise Echauffement [] °C

Temp. Class Classe Temp [] °C

Winding Enroulement []

Energy Regulations []

Frequency Reglements [] Hz

Impedance % Energetique []

Encl. Type Type De Coffrage []

Weight Poids [] lbs

3

K

ANN

500

150 °C

220 °C

AL

60

3.4

3R

4400/1996

504

492

480

468

456

444

432

573

587

601

617

633

650

668

105

102.5

100

97.5

95

92.5

90

1-2

1-2

2-3

3-4

4-5

5-6

6-7

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

1.5 MAX

SENTINEL H

ANGULAR DISPLACEMENT

0°

SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/n=0 Ip=11.5

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES
ELECTROSTATIC SHIELD
VOLTAGE ERROR +/-2.0%

LISTED

DRY TYPE TRANSFORMER 8 03423 13487 7
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERWITERS LABORATORIES INC. 316



TITLE:		3PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION	
4	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE
3	21/07/16	PP	EDB UPDATE
NO.	DATE	BY	REVISION
		DES:	LCEN
		DATE:	19/04/26
		SCALE:	NTS

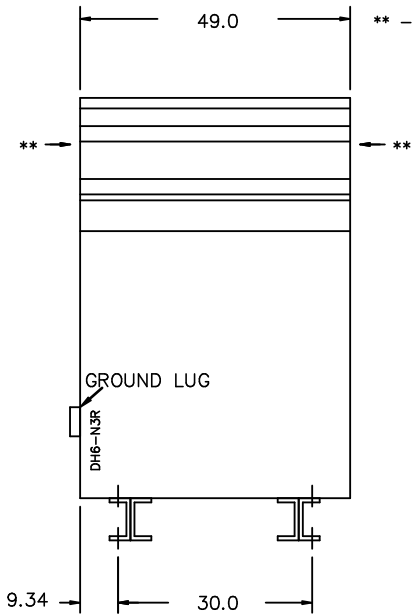
SHEET 1 OF 3

EDB SH3T0500KB3S

4.1 httpd 2026/04/04 18:27

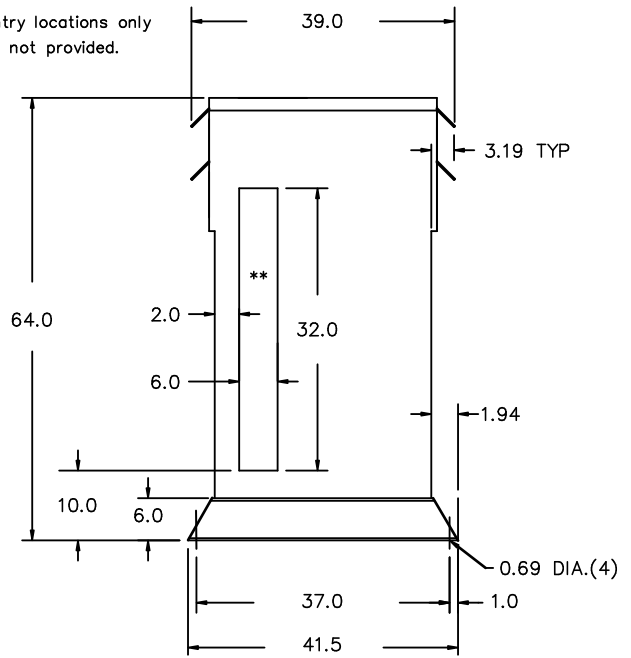
THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW



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

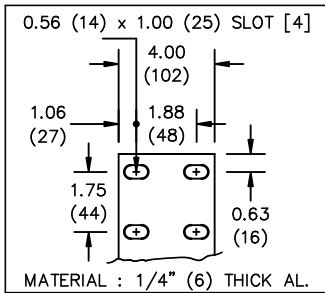
SIDE VIEW



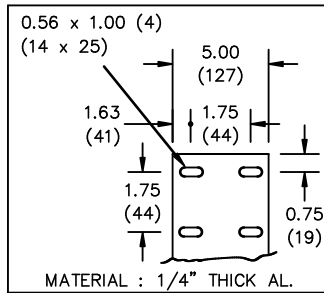
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

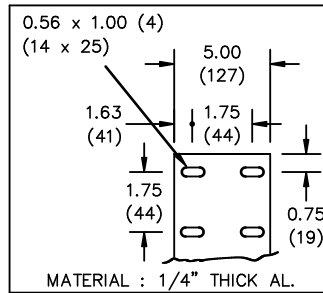
HV TERMINAL DETAIL



LV TERMINAL DETAIL



XO TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- XO TERMINATED AT BOTTOM FRONT
- C/W: (2) XO TERMINALS(100% EACH)- DISTRIBUTE CABLES EVENLY AMONG BOTH



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EDBSH310500KB3S

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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 ENCLOSURE BOTTOM VIEW

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SHEET 3 OF 3

EDBSH310500KB3S