


- IMPEDANCE SHOWN IS CALCULATED VALUE - NOT GUARANTEED

d000187hb



POWER SOLUTIONS

Guelph, ONT Compton, CA Hyderabad, IN

HPS Sentinel™ K

Energy Efficient Distribution Transformer

Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI Monterrey, MX

Part No. **SK3A0500KK3S**

Cust. Ref.

Phase

Type

Cooling

kVA

Temp. Rise

Temp Class

Winding

Frequency

Impedance %

Encl Type

Weight

Serial No.

HV/HT

BIL

Term Bornes

LV/BT

BIL

Term Bornes


Energy Regulations

Reglements Energetique

Suitable for non-sinusoidal current load with K-factor not to exceed 13
Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 13

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
504	573	105	1-2
492	587	102.5	2-3
480	601	100	3-4
468	617	97.5	4-5
456	633	95	5-6
444	650	92.5	6-7
432	668	90	7-8

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



SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/n=0 Ip=1.5

LISTED

DRY TYPE TRANSFORMER E112313

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERMILLERS LABORATORIES INC. 316



TITLE: 3PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION			
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE
NO.	DATE	BY	REVISION
			DES: DCORTEZ
			DATE: 17/12/04
			SCALE: NTS

SHEET 1 OF 3

EDBSK3A0500KK3S

2.1 httpd 2026/04/04 10:00

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.

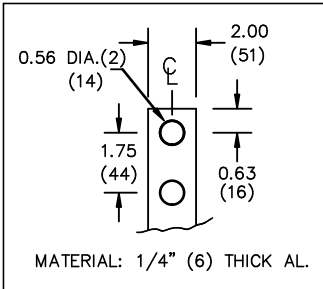
SIDE VIEW



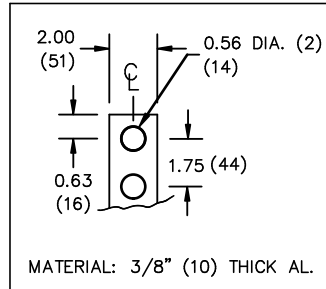
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

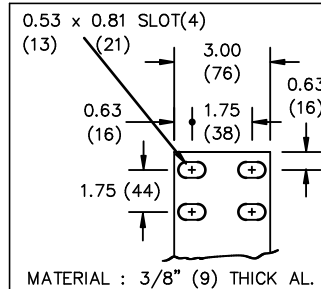
HV TERMINAL DETAIL



LV TERMINAL DETAIL



X0 TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- X0 TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL PROVIDED

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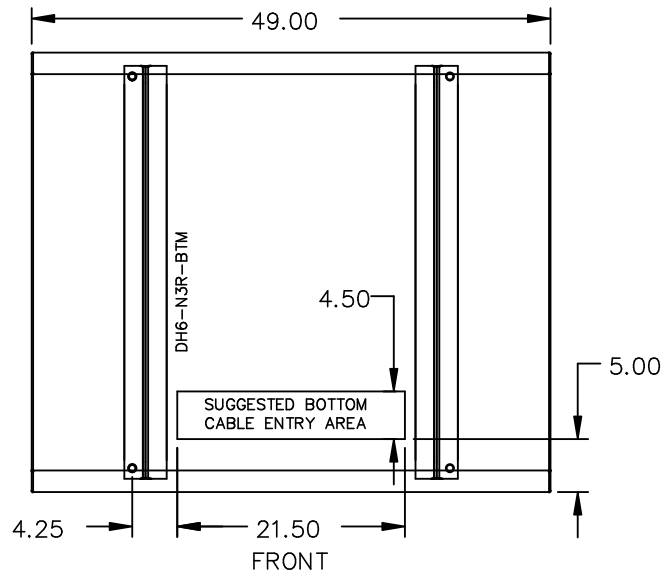
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ENCLOSURE BOTTOM VIEW



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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 ENCLOSURE BOTTOM VIEW

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