



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	SCALE:
2	21/07/16	PP	EDB UPDATE	DES: LCEN
1	20/03/17	PP	SEISMIC UPDATE	DATE: 18/03/26
				SCALE: NTS

SHEET 1 OF 3

EDB SH3T0300KB3K

2.0 httpd 2026/06/03 13:01

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POWER SOLUTIONS

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

HPS Sentinel™ H

DRY TYPE HARMONIC MITIGATING TRANSFORMER

TRANSFORMATEUR À SEC POUR MITIGATION D'HARMONIQUES

Part No. SH3T0300KB3K

LR 3902

DRY TYPE TRANSFORMER 8 03423 13530 0

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

LISTED

Cust. Ref. Ref. du Client	Serial No. No. de Serie	Phase	Model	Type	HV/HT	Cooling Refroidissement	Term Bornes	LV/BT	Temp. Rise Echauffement	Term Bornes	Temp Class Classe Temp	Neutral	Winding Enroulement	Energy Regulations	Frequency Frequence Hz	Reglements de Energetique	Z ₀	Encl Type Type De Coffrage	Number of Secondaries	Weight Poids	lbs
		3	K	ANN	480V	300	H1 H2 H3	208Z/120V	150 °C	X1 X2 X3	220 °C	X0(200% NEUTRAL)	CU	DOE 10 CFR PART 431:2016	60	CEE ACT SOR/2018-201	5.0	3R	2550		

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION TYPE PAR PHASE	1	2	3	4	5	6	7
504	344	105								
492	352	102.5								
480	361	100								
468	370	97.5								
456	380	95								
444	390	92.5								
432	401	90								

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

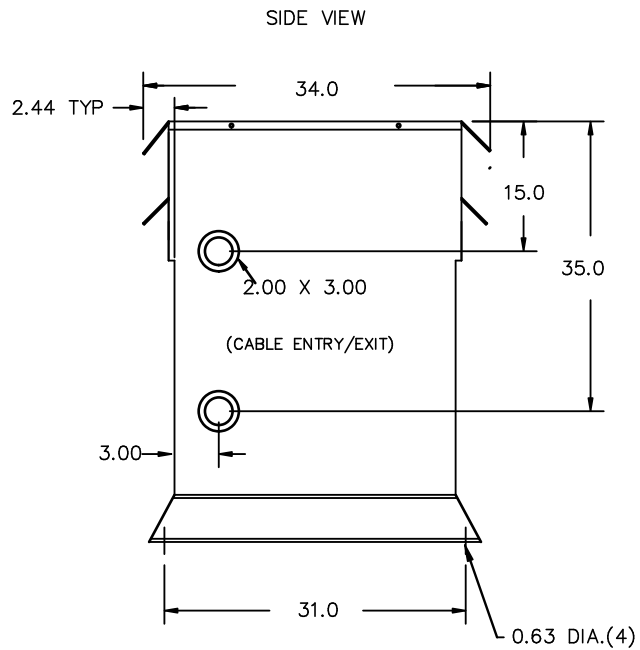
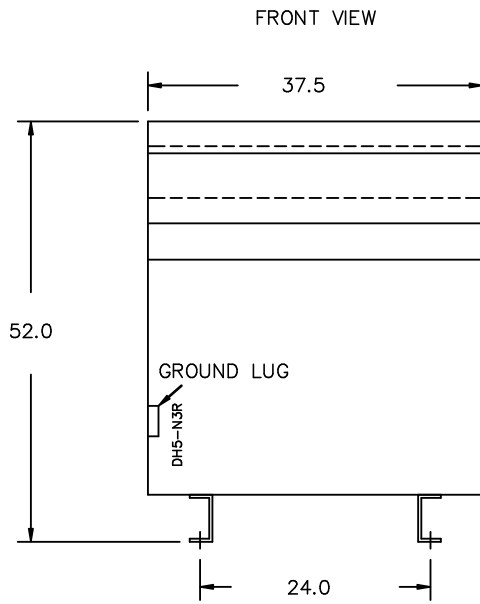
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT ELECTROSTATIC SHIELD.
VOLTAGE TOLERANCE WITHIN +-0.77%

SENTINEL H

ANGULAR DISPLACEMENT

0°

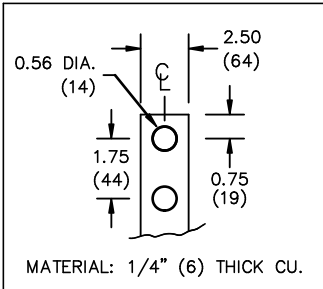
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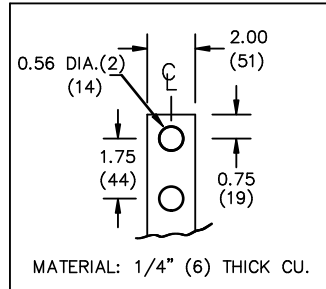
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL



L.V.1. TERMINAL DETAIL



CUSTOMER NOTES:

- HV1 TERMINATED AT BOTTOM FRONT
- LV1 TERMINATED AT TOP FRONT
- 200% RATED NEUTRAL, TERMINATED AT TOP FRONT



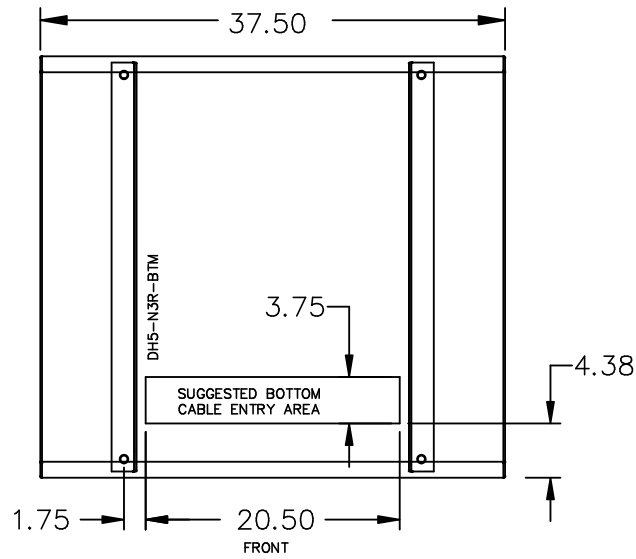
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EDB SH310300K B3K

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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