




TITLE: 3PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION			
3	21/07/16	PP	EDB UPDATE
2	20/03/17	PP	SEISMIC UPDATE
NO.	DATE	BY	REVISION
			DES: JWEN
			DATE: 15/11/17
			SCALE: NTS

SHEET 1 OF 3

EDB SK3A0300KB3S

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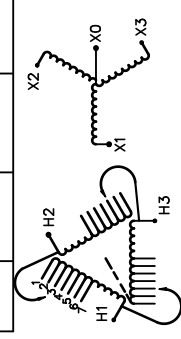


POWER SOLUTIONS
Guelph, ONT Compton, CA
Hyderabad, IN

HPS Sentinel™ K
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique
Baraboo, WI Monterrey, MX
Part No. SK3A0300KB3S

Serial No. [] No. de Serie []
 HV/HT 480V
 Type K 10 kV
 Cooling Term H1 H2 H3
 Refroidissement Bornes
 kVA 300 LV/BT 208Y/120V
 Temp. Rise 150 °C BIL 10 kV
 Echauffement
 Temp Class 220 °C Term Bornes
 Classe Temp X0 X1 X2 X3
 Winding AL Energy Regulations
 Enroulement Reglements
 Frequency 60 Hz CEE ACT SOR/2018-201
 Impedance % 5 Suitable for non-sinusoidal current
 @ 170 °C load with K-factor not to exceed
 Encl Type 3R Convient à des courants non-sinusoidaux
 Type De Coffrage 13 avec facteur K n'excédant pas
 Weight 1900 lbs
 Poids

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



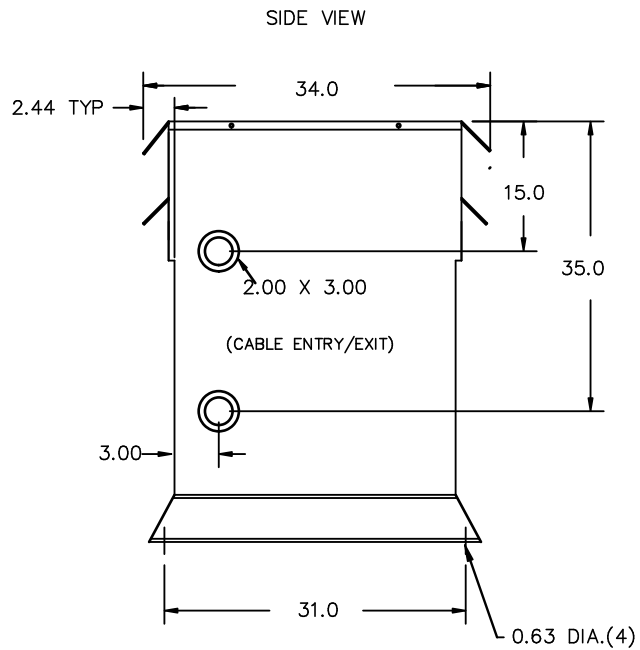
SEISMIC QUALIFICATIONS:
 X0 FLOOR MOUNT ONLY
 IBC 2018/ASCE 7-16
 SDS<=2.0g Z/n=0 Ip=1.5

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

© LR 3902
 DRY TYPE TRANSFORMER E112313
 ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ2-18 BY UNDERWITERS LABORATORIES INC. 3106
LISTED

d000187hb

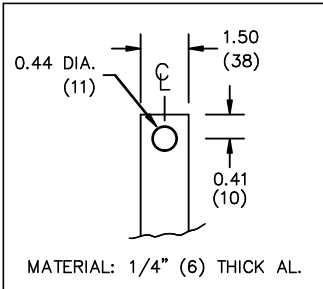
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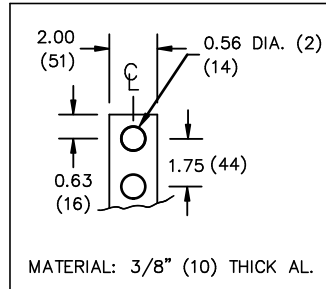
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

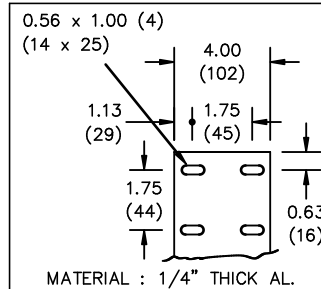
H.V.1. TERMINAL DETAIL



X1,2,3 TERMINAL DETAIL



X0 TERMINAL DETAIL



CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- X1,2,3 TERMINATED AT BOTTOM FRONT
- X0 TERMINATED AT BOTTOM FRONT
- X0 HAS QTY 2 PADS . DIVIDE CABLES EVENLY ON BOTH PADS



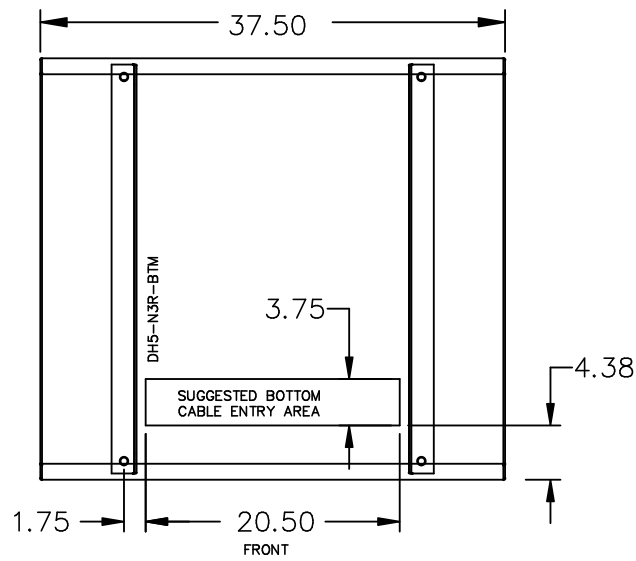
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SHEET 2 OF 3

EDBSK3A0300K3S

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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