



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
EDBSK3A0225KB4S

POWER SOLUTIONS
Guelph, ONT Compton, CA
Hyderabad, IN

HPS Sentinel™ K
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique

LR 3902
DRY TYPE TRANSFORMER
E112313
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWRIERS LABORATORIES INC. © 316

Part No. SK3A0225KB4S

Cust. Ref. Ref. du Client	Serial No. No. de Serie	HV/HT	VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONFIGURATION PAR PHASE
3	K	480V	504	258	105	1
	ANN	10 kV	492	264	102.5	2
	225	H1 H2 H3	480	271	100	3
	150 °C	LV/BT	468	278	97.5	4
	220 °C	BIL	456	285	95	5
	AL	BIL	444	293	92.5	6
	60	Term Bornes	432	301	90	7
	5.7	Energy Regulations				
	3R	Reglements Energetique				
	1500	CEE ACT SOR/2018-201				
		DOE 10 CFR PART 431:2016				
		Suitable for non-sinusoidal current load with K-factor not to exceed 4				
		Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 4				

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

d000187hb

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



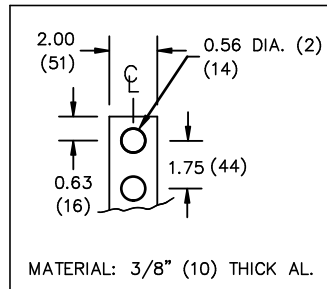
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 350MCM-6 CU/AL
CONDUCTORS
2 CONDUCTORS PER PHASE



CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT
- XO HAS QTY:2 LV PADS DISTRIBUTE CABLES EVENLY ON BOTH PADS



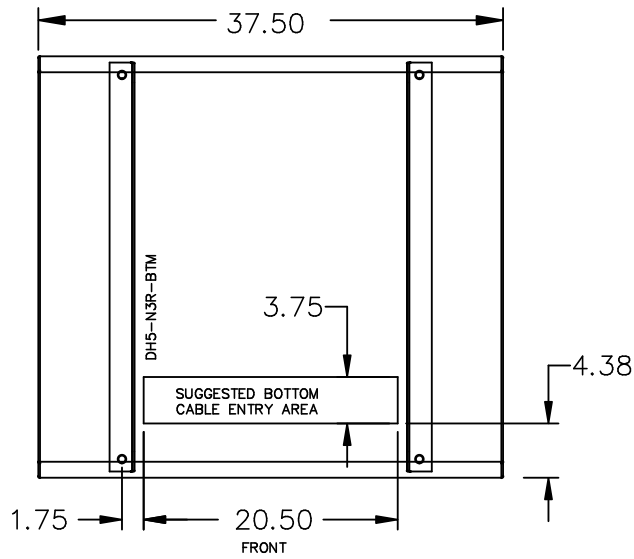
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ENCLOSURE BOTTOM VIEW



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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