



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

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

SHEET 1 OF 3

EDBSK3A0150KB4K

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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

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

Part No. SK3A0150KB4K

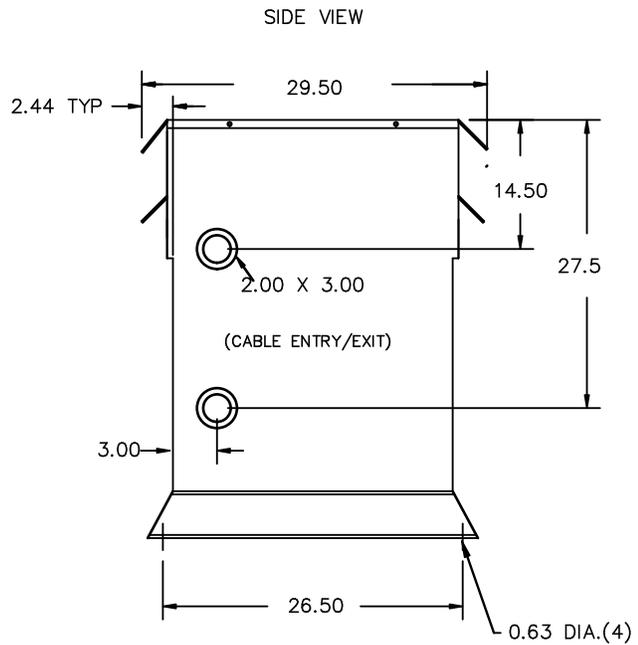
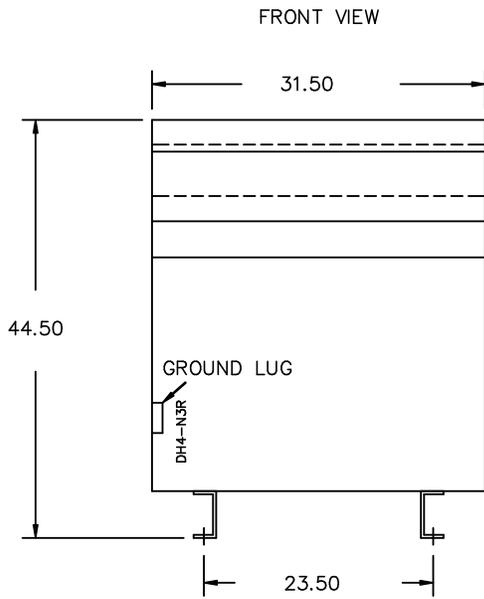
Cust. Ref.	Serial No.	
Ref. du Client	No. de Serie	
Phase	HV/HT	480V
Type	BIL	10 kV
Cooling	Term Bornes	H1 H2 H3
Refréidissement	LV/BT	208Y/120V
kVA		
Temp. Rise	BIL	10 kV
Echauffement	Term Bornes	X0 X1 X2 X3
Temp Class		
Classe Temp		
Winding	CU	
Enroulement	Energy Regulations	DOE 10 CFR PART 431:2016
Frequency	60	
Frequency Hz	Reglements Energetique	CEE ACT SOR/2018-201
Impedance %	4	
© 170°C	Suitable for non-sinusoidal current load with K-factor not to exceed 4	
Encl Type	3R	
Type De Coffrage	1050	
Weight lbs		
Poids		

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION FOR CONNECTION PAR PHASE
504	172	105	1
492	176	102.5	2
480	180	100	3
468	185	97.5	4
456	190	95	5
444	195	92.5	6
432	200	90	7

SEISMIC QUALIFICATIONS:
XS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/n=1 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

d000187hb



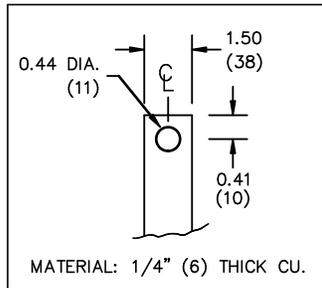
All Dimensions in inches

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
1 CONDUCTOR PER PHASE



CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT

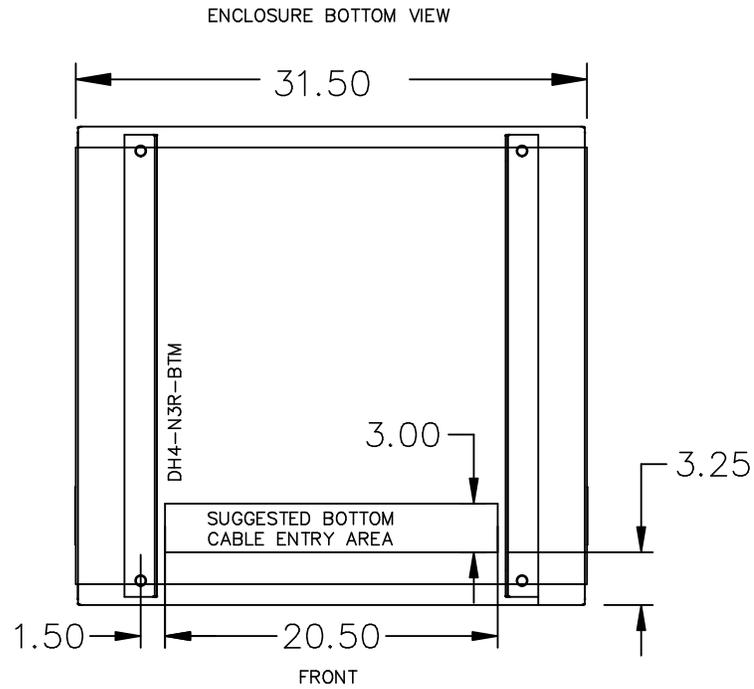


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NOTE:
 WHEN BOTTOM CABLE ENTRY IS OPTED, THE SPACE USED FOR CONDUITS IN THE FRONT OF THE TRANSFORMER SHOULD NOT OBSTRUCT MORE THAN 50% OF THE FRONT AIR INTAKE AREA DEFINED BETWEEN THE BOTTOM PLATE AND THE SUPPORTING LEGS.
 SEE MANUAL FOR ADDITIONAL INFORMATION



TITLE: 3PH DISTRIBUTION TRANSFORMER
 ENCLOSURE BOTTOM VIEW

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