



TITLE:		3PH DISTRIBUTION TRANSFORMER	
		NAMEPLATE INFORMATION	
4	25/06/12	AO	EDB UPDATE
3	21/07/16	PP	EDB UPDATE
NO.	DATE	BY	REVISION
			DES: JWEN
			DATE: 16/09/08
			SCALE: NTS

SHEET 1 OF 3
 EDBSK3A0045KK9K
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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. SK3A0045KK9K

LR 3902
 DRY TYPE TRANSFORMER E112313
 LISTED

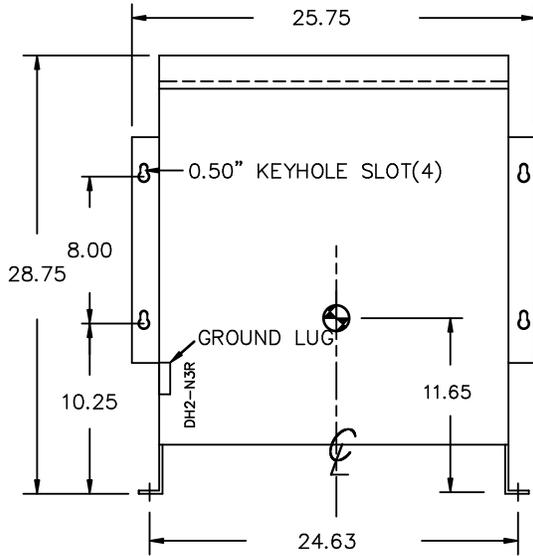
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERWriters LABORATORIES INC. 3106

Cust. Ref. Ref. du Client	Serial No. No. de Serie	HV/HT	480V	VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNEXION
Phase	3	BIL	10 kV	504	51.5	105	1
Type	K	Term Bornes	H1 H2 H3	492	52.8	102.5	2
Cooling Refrondissement	ANN	LV/BT	480Y/277V	480	54.1	100	3
kVA	45	BIL	10 kV	468	55.5	97.5	4
Temp. Rise Echauffement	150 °C	Term Bornes	X0 X1 X2 X3	456	57.0	95	5
Temp Class	220 °C	Energy Regulations Règlements Énergétique	DOE 10 CFR PART 431:2016	444	58.5	92.5	6
Winding Enroulement	CU	CEE ACT SOR/2018-201		432	60.1	90	7
Frequency	60	Suitable for non-sinusoidal current load with K-factor not to exceed 9 Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 9					
Impedance % @ 170 °C	3.5						
Encl Type Type De Coffrage	3R			<p>SEISMIC QUALIFICATIONS: X0 FLOOR MOUNT ONLY IBC 2018/ASCE 7-16 SDS<=2.0g Z/n=0 Ip=1.5</p>			
Weight lbs/kg	405/184						

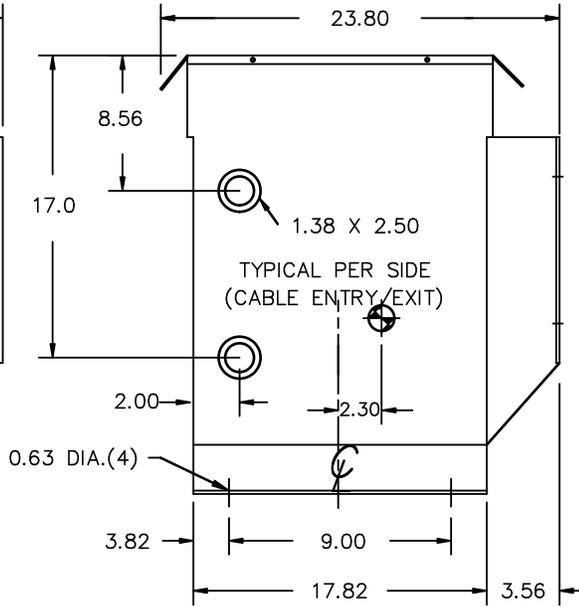
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES
 ÉLECTROSTATIC SHIELD

d000187hb

FRONT VIEW



SIDE VIEW



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

X0 TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #14-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

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SUITABLE FOR #14-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 250MCM-6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

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



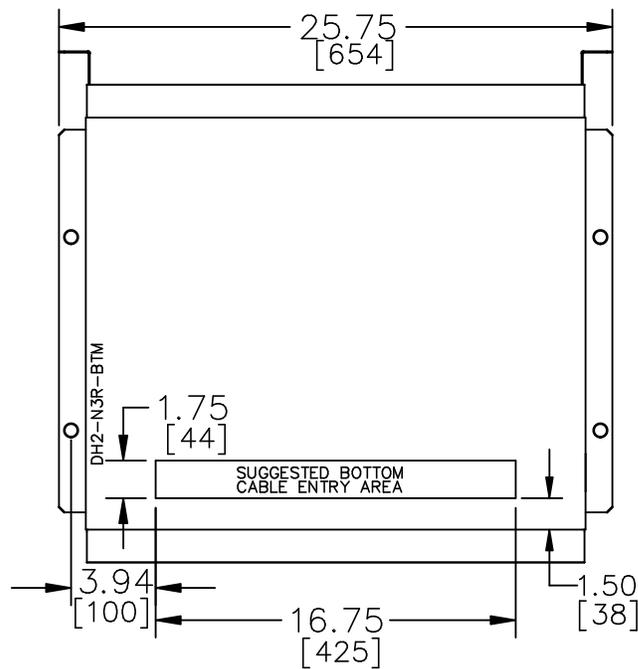
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ENCLOSURE BOTTOM VIEW



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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