hammond POWER SOLUTIONS

Energy Efficient
K–Factor Rated Distribution Transformer
Transformateur de distribution économe en énergie
et classé selon le facteur K

Hyderabad, IN · Guelph, ONT Compton, CA · Baraboo, WI Monterrey, MX

Part No. SK3A1000KB3S

LR 3902

DRY TYPE TRANSFORMER
77U5
E112313
LISTED

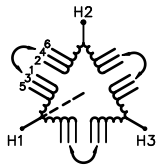
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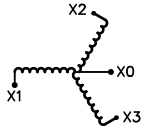
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2–18 BY UNDERWRITERS LABORATORIES INC.® 3VJ6

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	3	HV/HT	480V 1203A
Type	K	BIL	10 kV
Cooling / Refroidissement	ANN	Term / Bornes	H1 H2 H3
kVA	1000	LV/BT	208Y/120V 2776A
Temp. Rise / Echauffement	150 °C	BIL	10 kV
Temp Class / Classe Temp	220°C	Term / Bornes	X0 X1 X2 X3
Winding / Enroulement	AL	Energy Regulations	DOE 10 CFR PART 431:2016
Frequency / Frequence Hz	60	Reglements de Energetique	CEE ACT SOR/2018–201
Impedance % @ 170 °C	6.5	Suitable for non–sinusoidal current load with K–factor not to exceed / Convient à des courants non–sinusoïdaux avec facteur K n'excédant pas	13
Encl Type / Type De Coffrage	3R		
Weight / Poids lbs	6000		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
504	1146	105	1–2
492	1173	102.5	2–3
480	1203	100	3–4
468	1234	97.5	4–5
456	1266	95	5–6

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES
ELECTROSTATIC SHIELD





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

d0001187hb

– IMPEDANCE SHOWN IS CALCULATED VALUE –
– TESTED IMPEDANCE WILL BE SHOWN ON TRANSFORMER NAMEPLATE

hammond POWER SOLUTIONS

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE

SCALE: NTS
DATE: 17/03/16
DES.: MABDELAT

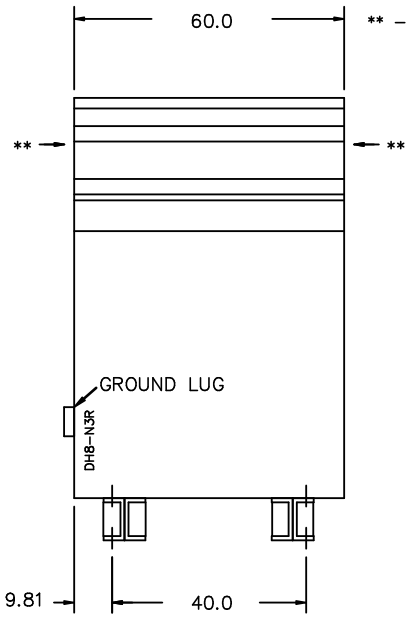
SHEET 1 OF 3

EDB SK3A1000KB3S

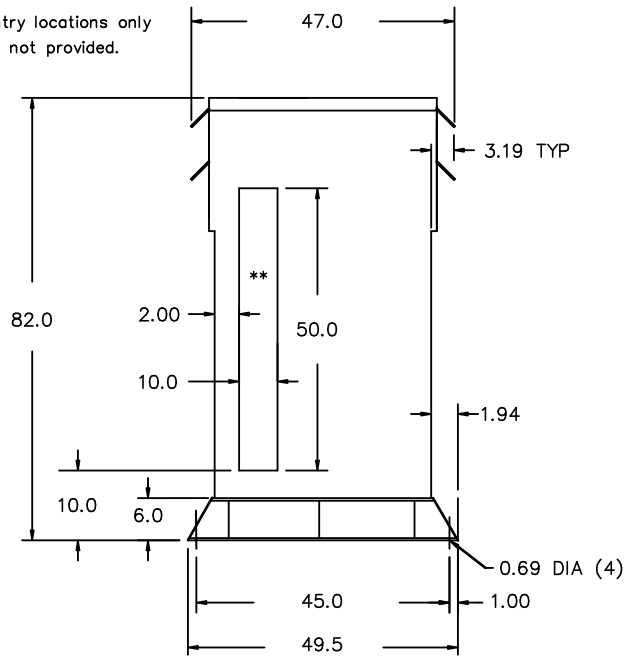
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FRONT VIEW



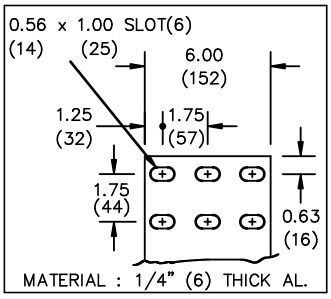
SIDE VIEW



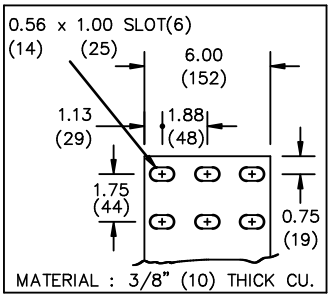
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

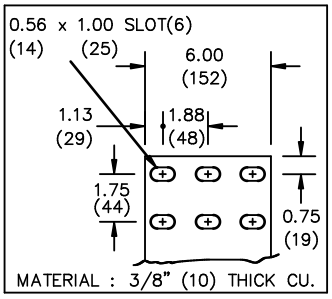
HV TERMINAL DETAIL



LV TERMINAL DETAIL



X0 TERMINAL DETAIL



CUSTOMER NOTES:

– HV TERMINATED AT TOP FRONT
– LV TERMINATED AT BOTTOM FRONT
– X0 TERMINATED AT BOTTOM FRONT
C/W: 200% RATED NEUTRAL
C/W: (2) X0 TERMINALS – DISTRIBUTE CABLES EVENLY ON BOTH TERMINALS

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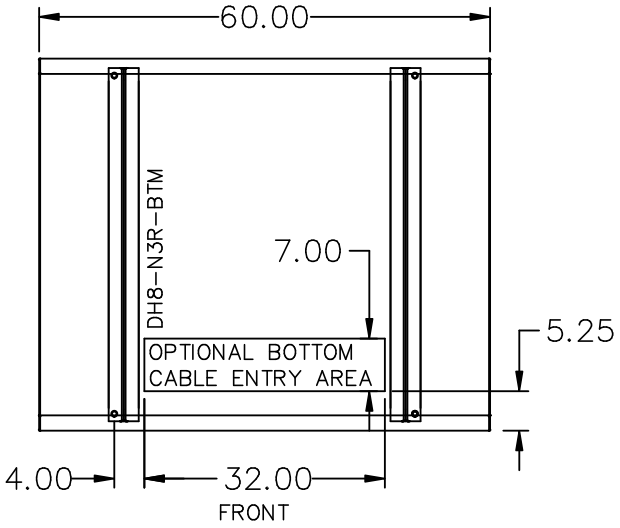
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SHEET 2 OF 3

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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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SCALE: NTS

SHEET 3 OF 3

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