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. SK3A0045KB3K

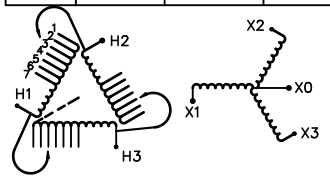
LR 3902
DRY TYPE TRANSFORMER
77U5
E112313
LISTED

8 03423 12665 0

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
Type	K	BIL	10 kV
Cooling / Refroidissement	ANN	Term / Bornes	H1 H2 H3
kVA	45	LV/BT	208Y/120V
Temp. Rise / Echauffement	150 °C	BIL	10 kV
Temp Class / Classe Temp	220°C	Term / Bornes	X0 X1 X2 X3
Winding / Enroulement	CU	Energy Regulations	DOE 10 CFR PART 431:2016
Frequency / Frequence Hz	60	Reglements de Energetique	CEE ACT SOR/2018–201
Impedance % @ 170 °C	3.5	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/kg	455/207		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
504	51.5	105	1
492	52.8	102.5	2
480	54.1	100	3
468	55.5	97.5	4
456	57.0	95	5
444	58.5	92.5	6
432	60.1	90	7



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

SEISMIC QUALIFICATIONS:
OSP–0136/IBC 2018/ASCE 7–16
SDS<=2.0g Z/h=1 Ip=1.5

d0001887hb

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
5	22/10/25	LC	CHANGED HV1/
4	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE

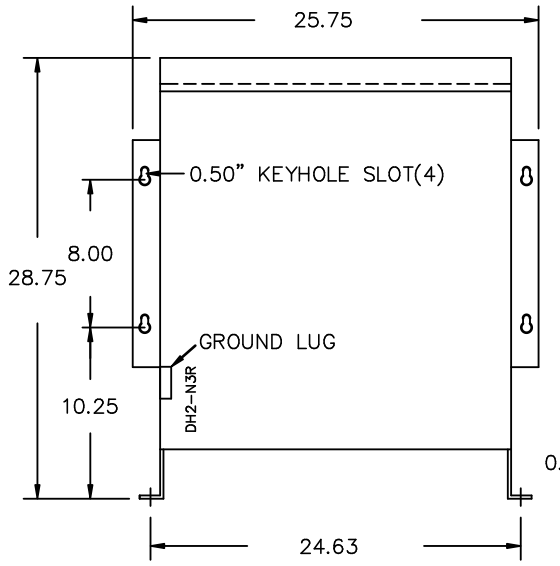
SCALE: NTS
DATE: 15/11/17
DES: JWEN

SHEET 1 OF 3

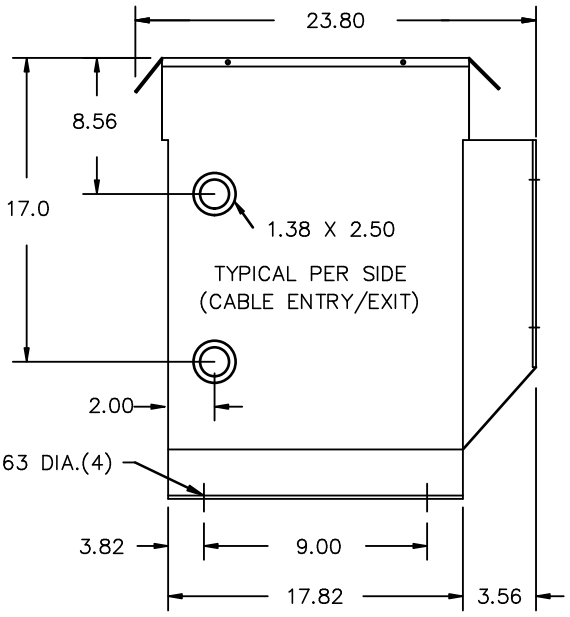
EDB SK3A0045KB3K

THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW



SIDE VIEW



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

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

LV TERMINAL DETAIL

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

X0 TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED SUITABLE FOR 600MCM–2 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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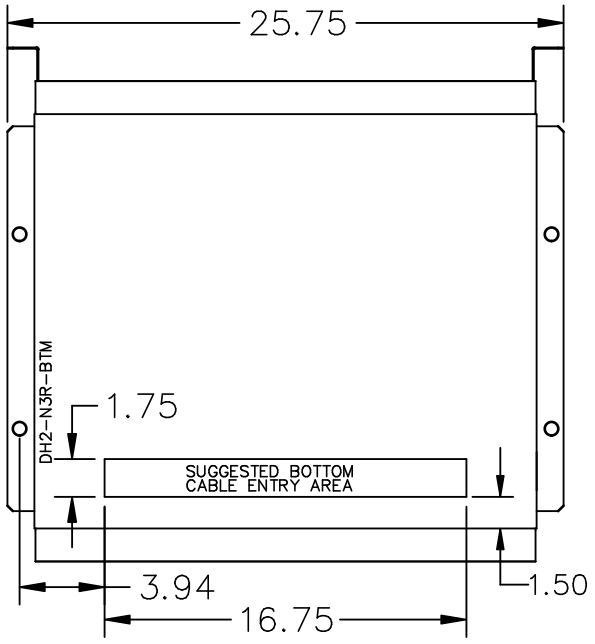
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				SCALE: NTS

EDBSK3A0045KB3K

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

hammond POWER SOLUTIONS

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ENCLOSURE BOTTOM VIEW

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SHEET 3 OF 3

EDBSK3A0045KB3K

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