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

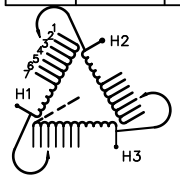
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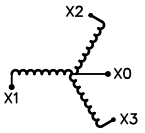
LR 3902
DRY TYPE TRANSFORMER
77U5
E112313
LISTED
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2–18 BY UNDERWRITERS LABORATORIES INC.® 3VJ6

8 03423 13024 4

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	300	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 / Enrouelement	AL	Energy Regulations	DOE 10 CFR PART 431:2016
Frequency / Frequence Hz	60	Reglements de Energetique	CEE ACT SOR/2018–201
Impedance % @ 170 °C	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	1900		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
504	344	105	1
492	352	102.5	2
480	361	100	3
468	370	97.5	4
456	380	95	5
444	390	92.5	6
432	401	90	7





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

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

d0001187hb

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
3	21/07/16	PP	EDB UPDATE
2	20/03/17	PP	SEISMIC UPDATE

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

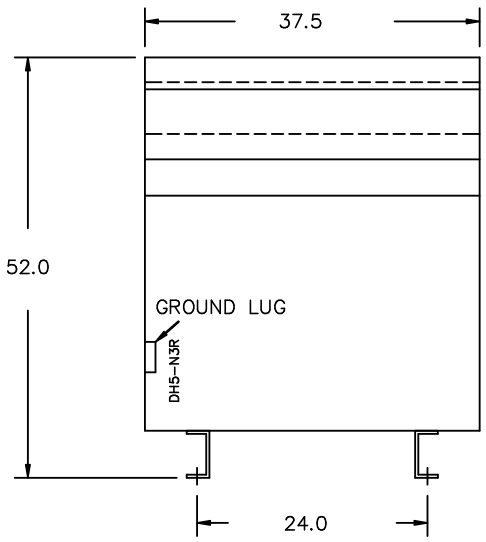
SHEET 1 OF 3

EDB SK3A0300KB3S

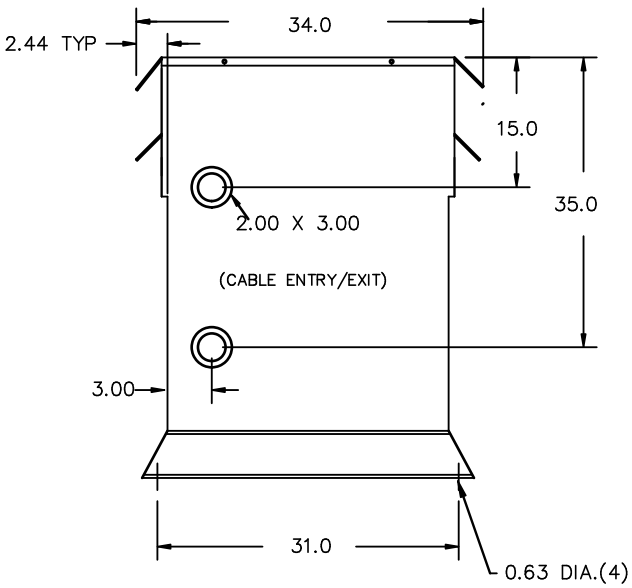
3.0 httpd 2026/11/05 18:41

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FRONT VIEW



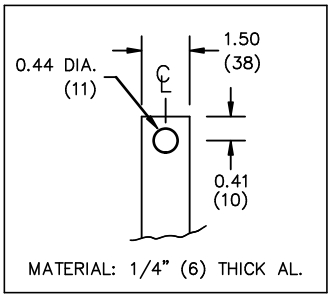
SIDE VIEW



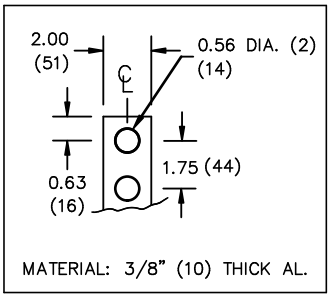
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

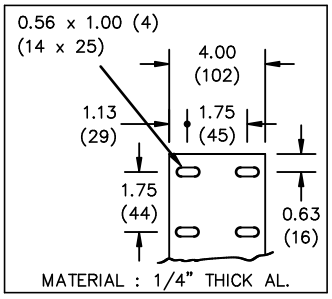
H.V.1. TERMINAL DETAIL



X1,2,3 TERMINAL DETAIL



XO TERMINAL DETAIL



CUSTOMER NOTES:
- HV1 TERMINATED AT TOP FRONT
- X1,2,3 TERMINATED AT BOTTOM FRONT
- XO TERMINATED AT BOTTOM FRONT

XO HAS QTY 2 PADS . DIVIDE CABLES EVENLY ON BOTH PADS

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hammond POWER SOLUTIONS

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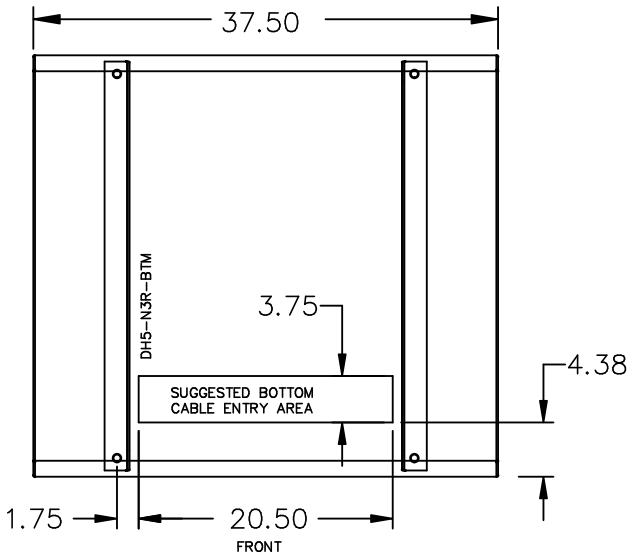
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DES: JWEN
DATE: 15/11/17
SCALE: NTS

SHEET 2 OF 3

EDBSK3A0300KB3S

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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hammond POWER SOLUTIONS

TITLE: 3PH DISTRIBUTION TRANSFORMER ENCLOSURE BOTTOM VIEW

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2	20/03/17	PP	SEISMIC UPDATE	DATE: 15/11/17
				SCALE: NTS

SHEET 3 OF 3

EDBSK3A0300KB3S

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