


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

d000187hb



**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

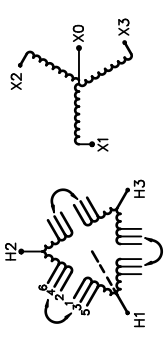
Part No. SK3A1000KB3S

 LR 3902  
 DRY TYPE TRANSFORMER E112313  
**LISTED**

 8 03423 13027 5  
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROQZ-18 BY UNDERMETERS LABORATORIES INC. © 3/06

VOLTS	CURRENT COURANT	% RATED VOLTAGE NOMINALE	CONNECTION CONNECTION 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/n=0 Ip=1.5

Cust. Ref. Ref. du Client	Serial No. No. de Serie
Phase	HV/HT
Type	BIL
Cooling Refroidissement	Term Bornes
kVA	LV/BT
Temp. Rise Echauffement	BIL
Temp Class	Term Bornes
Winding Enroulement	Energy Regulations
Frequency	Reglements Energetique
Impedance % @ 170°C	Suitable for non-sinusoidal current load with K-factor not to exceed 13
Encl Type Type De Coffrage	Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 13
Weight Poids	

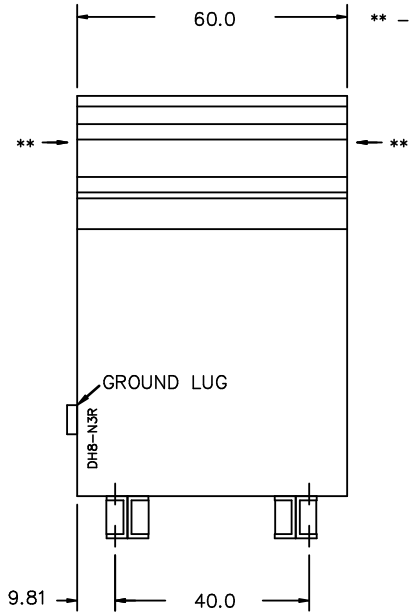


TITLE: 3PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION			
NO.	DATE	BY	REVISION
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE
			DES: MABDELAT
			DATE: 17/03/16
			SCALE: NTS

SHEET 1 OF 3

EDBSK3A1000KB3S

FRONT VIEW



\*\* - Recommended cable entry locations only  
cutouts & gland plates not provided.

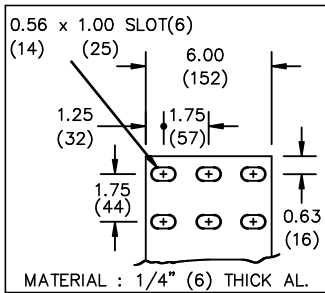
SIDE VIEW



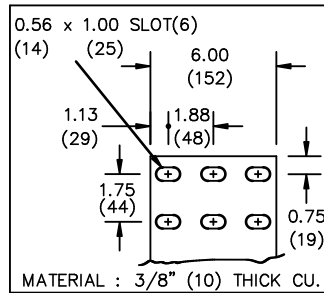
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

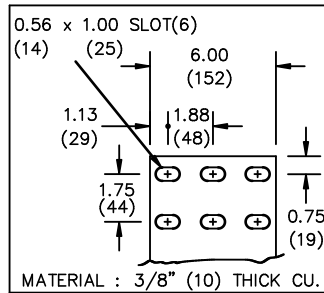
HV TERMINAL DETAIL



LV TERMINAL DETAIL



XO TERMINAL DETAIL



CUSTOMER NOTES:

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



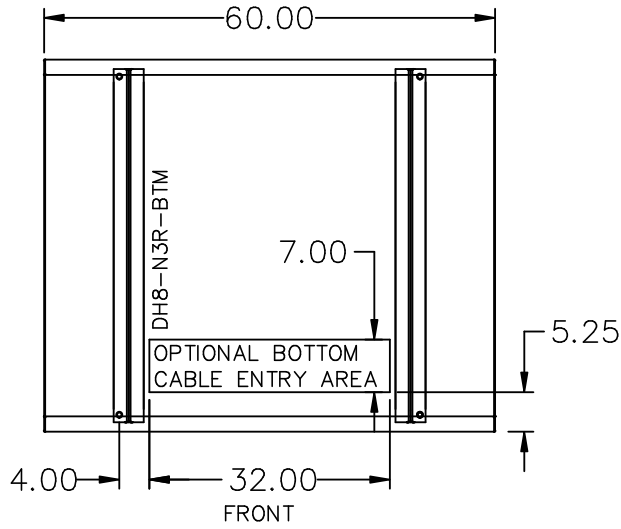
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SHEET 2 OF 3

EDBSK3A100KB3S

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



TITLE: 3PH DISTRIBUTION TRANSFORMER  
 ENCLOSURE BOTTOM VIEW

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SHEET 3 OF 3

EDBSK3A100KB3S