


- IMPEDANCE SHOWN IS CALCULATED VALUE - NOT GUARANTEED

d000186hb




POWER SOLUTIONS
Guelph, ONT
Hyderabad, IN Compton, CA

HPS Sentinel™ G
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI
Monterrey, MX


Part No. **SG3A1000KY**

LR 3902
DRY TYPE
FORMER
77US
E112313



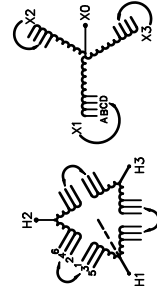
ALSO REFER TO CATALOGUE
TO ENERGY STANDARDS C900-18
BY UNDERWRITERS LABORATORIES INC. @ 316

LISTED



8 03423 12803 6

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
509	1135	106	1-2
494	1168	103	2-3
480	1203	100	3-4
466	1240	97	4-5
452	1278	94	5-6
SECONDARY			
440	1312		A
416	1388		B
390	1480		C
370	1560		D



SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES
ESPACEMENTS ENTRE LES PANNEAUX DE BOTTIER VENTILÉ ET LES MURS ADJACENT DOIVENT ÊTRE UN MINIMUM DE 12 POUNCES

RATOR ERROR +/- 1.1% MAXIMUM AT SOME SECONDARY TAPS
ONLY ONE LV TAP IN USE AT A TIME

FOR DESIRED SECONDARY TAP VOLTAGE RE-LOCATE PROVIDED TERMINATION PADS

SEISMIC QUALIFICATIONS, AS FLOOR MOUNT ONLY
QUALIFICATIONS SISMES, COME MONTAGE AU SOL SEULEMENT
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=0 Ip=1.5

hammond
POWER SOLUTIONS

Cust. Ref. Ref. du Client	Serial No. No. de Serie	
Phase	HV/HT	1203A
Type	BIL	10 kV
Cooling Refroidissement	ANN	H1 H2 H3
kVA	1000	390Y/225V 1480A
Temp. Rise Echauffement	150 °C	10 kV
Temp Class Classe Temp	220 °C	X0 X1 X2 X3
Winding Enroulement	AL	DOE 10 CFR PART 431:2016
Frequency Fréquence Hz	60	CEE ACT SOR/2018-201
Impedance % @ 170 °C	4.9	
Encl. Type Type de Coffrage	3R	
Weight Poids	lbs 6200	



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
3	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE
2	21/07/16	PP	EDB UPDATE

DES: DCORTEZ	DATE: 19/02/01
SCALE: NTS	

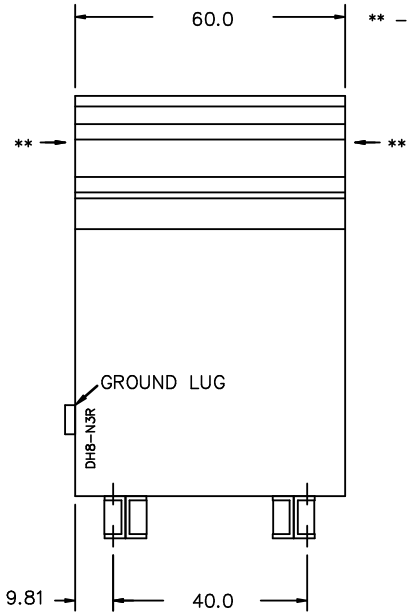
SHEET 1 OF 3

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

FRONT VIEW



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

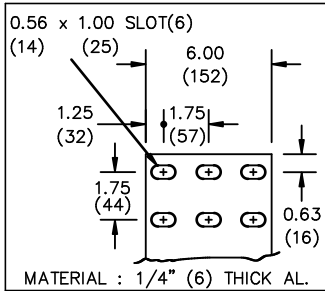
SIDE VIEW



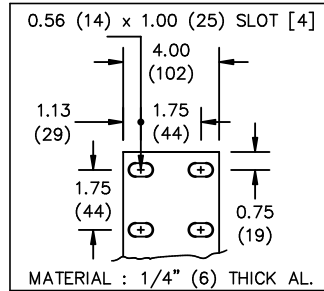
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT

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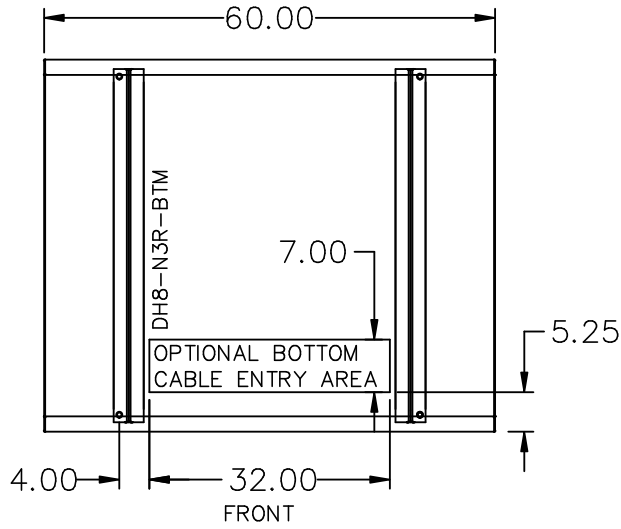
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ENCLOSURE BOTTOM VIEW



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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