

- IMPEDANCE SHOWN IS CALCULATED VALUE - NOT GUARANTEED

d000187hb



**hammond**  
POWER SOLUTIONS

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

Hyderabad, IN    Guelph, ONT    Baraboo, WI    Monterrey, MX

Compton, CA    Compton, CA    Compton, CA    Monterrey, MX

LR 3902

DRY TYPE TRANSFORMER E112313

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ-18 BY UNDERMETERS LABORATORIES INC. 316

**LISTED**

Part No. **SK3A1000KK9S**

Cust. Ref. [ ]    Serial No. [ ]

Ref. du Client [ ]    No. de Serie [ ]

Phase **3**    HV/HT **1203A**

Type **K**    BIL **10 kV**

Cooling **ANN**    Term Bornes **H1 H2 H3**

Refrigidissement **ANN**    Term Bornes **H1 H2 H3**

kVA **1000**    LV/BT **480Y/277V 1203A**

Temp. Rise **150 °C**    BIL **10 kV**

Echauffement **150 °C**    BIL **10 kV**

Temp Class **220 °C**    Term Bornes **X0 X1 X2 X3**

Classe Temp **220 °C**    Term Bornes **X0 X1 X2 X3**

Winding **AL**    Energy Regulations **DOE 10 CFR PART 431:2016**

Enroulement **AL**    Reglements Energetique **DOE 10 CFR PART 431:2016**

Frequency **60**    CEE ACT SOR/2018-201

Frequence Hz **60**    CEE ACT SOR/2018-201

Impedance % **5.9**    Suitable for non-sinusoidal current load with K-factor not to exceed 9

① **170 °C**    Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 9

Encl Type **3R**

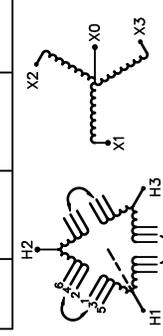
Type De Coffrage **3R**

Weight lbs/kg **5990/2718**

Poids **5990/2718**

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

VOLTS	CURRENT COURANT	% RATED VOLTAGE NOMINALE	CONNECTIONS CONNECTIONS PAR PHASE
509	1135	106	1-2
494	1168	103	2-3
480	1203	100	3-4
466	1240	97	4-5
451	1280	94	5-6



SEISMIC QUALIFICATIONS:  
X0 FLOOR MOUNT ONLY  
IBC 2018/ASCE 7-16  
SDS<=2.0g Z/n=0 Ip=1.5



TITLE: 3PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION		DES: DCORTEZ
NO.	DATE	BY
		REVISION
		SCALE: NTS

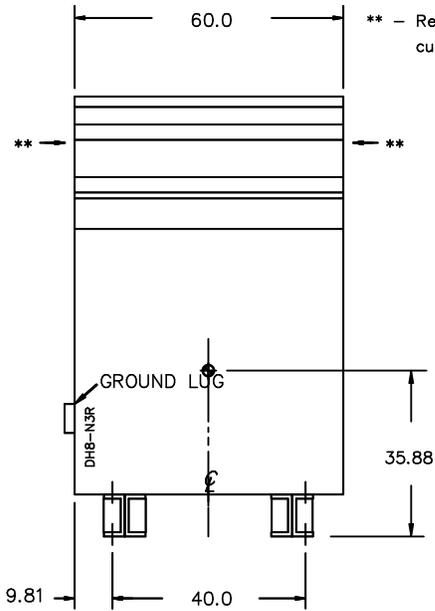
SHEET 1 OF 3

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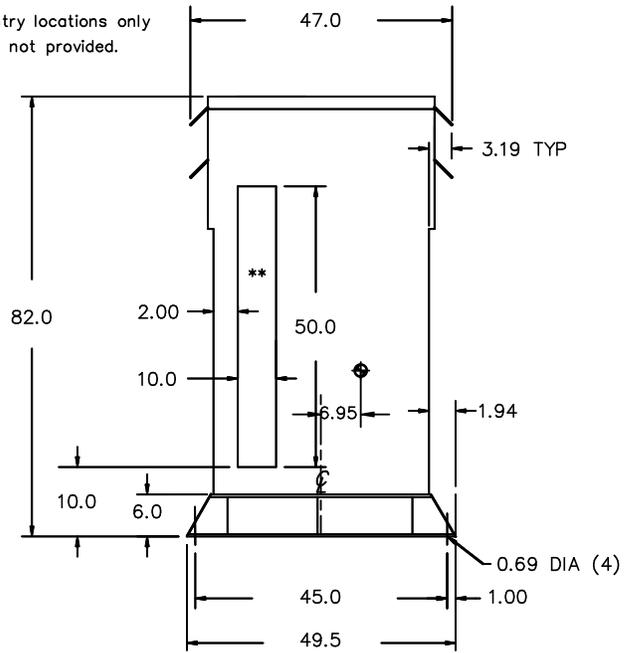
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FRONT VIEW



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

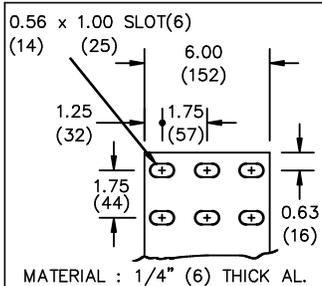
SIDE VIEW



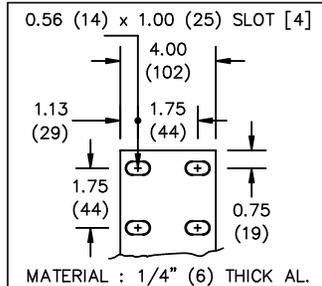
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL XO HAS TWO TERMINALS, DIVIDE CABLES EVENLY



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				DATE: 22/10/07
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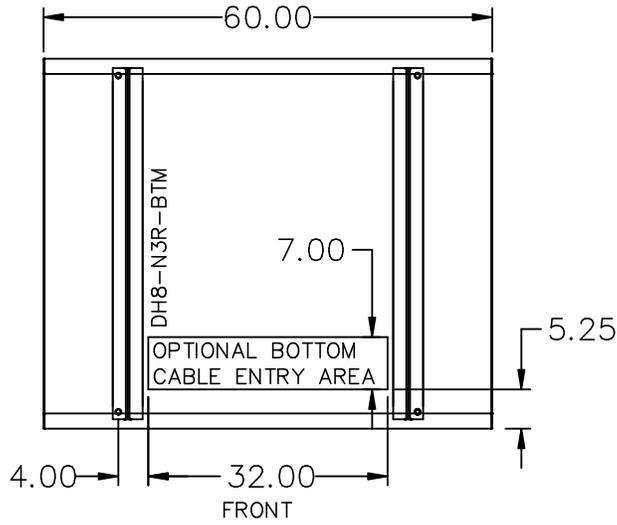
SHEET 2 OF 3

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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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SHEET 3 OF 3

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