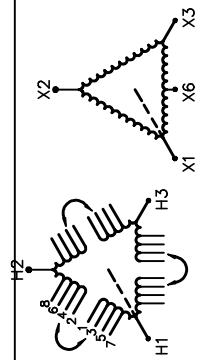




REVISION	DATE	BY	DATE	BY
			19/05/15	RM
		CHEK'D		
		VERIF'D		

CUSTOMER	
ORDER NO.	DWG. NO.
	3F1Y500D16
SH 1 OF 3	

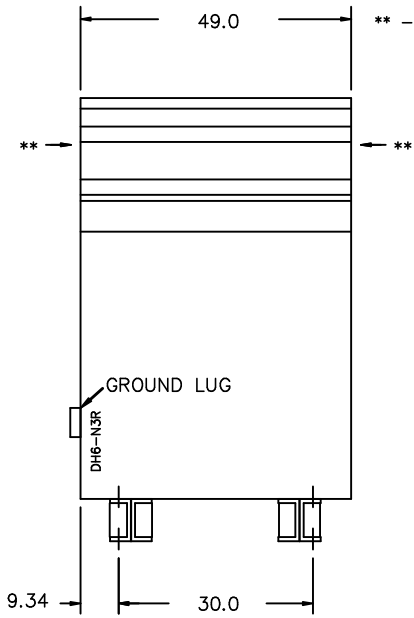
SIEMENS

<p>CATALOG NO. 3F1Y500D16</p> <p>SERIAL NO.</p> <p>500 kVA 60 Hz 3 PHASE</p> <p>5.9 % IMP AT 170 °C</p> <p>150 °C RISE 30 °C AVG. AMBIENT</p> <p>220 °C TEMP CLASS 40 °C MAX. AMBIENT</p> <p>PRIMARY (H1 H2 H3) 480 V 10 kV BIL</p> <p>SECONDARY(X1 X2 X3) 240 V 10 kV BIL</p> <p>WINDING MATERIAL AL</p> <p>ENCLOSURE TYPE 3R WEIGHT 3050LBS</p> <p>ENERGY EFFICIENCY EXCEEDS CSA D0E 10 CFR PART 431:2016</p> <p>SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES X6 = 120V CT, 5% OF KVA RATING MAXIMUM</p>	<p>SERIES H</p> <p>3 PHASE</p> <p>30 °C AVG. AMBIENT</p> <p>40 °C MAX. AMBIENT</p> <p>480 V 10 kV BIL</p> <p>240 V 10 kV BIL</p> <p>AL</p> <p>3R</p> <p>3050LBS</p> <p>D0E 10 CFR PART 431:2016</p> <p>12 INCHES</p>	 <p>VOLTS CONNECT</p> <p>504 1-2</p> <p>492 2-3</p> <p>480 3-4</p> <p>468 4-5</p> <p>456 5-6</p> <p>444 6-7</p> <p>432 7-8</p>
<p>SUITABLE FOR INDOOR OR OUTDOOR LOCATIONS BEFORE HANDLING, INSTALLING AND OPERATING, SEE INSTRUCTION MANUAL</p> <p>NEMA Class ANN Dry Type Transformer</p>		<p>TYPE K</p>  <p>UL LISTED</p> <p>DRY TYPE TRANSFORMER E112313</p>  <p>LR 3902</p> <p>SEISMIC QUALIFICATIONS, FLOOR MOUNT ONLY OSP-0136-10 IBC 2012/ASCE 7-10 SDS<=2.0g Z/h=1 Ip=1.5</p>



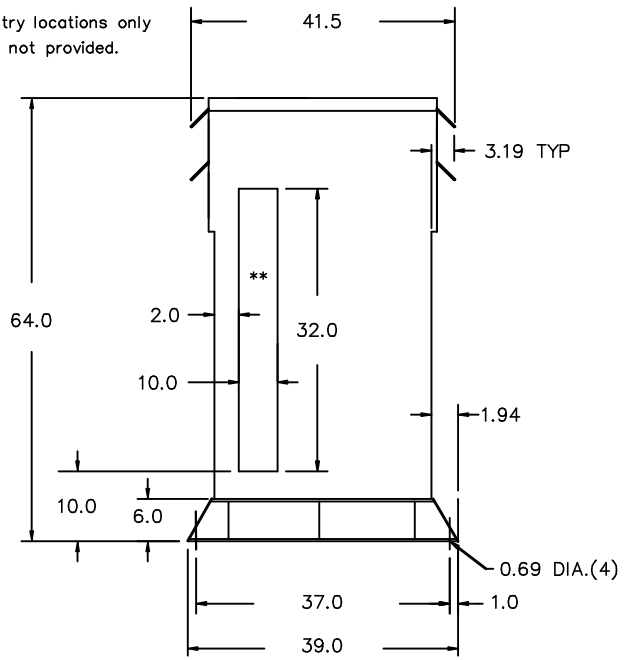
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FRONT VIEW



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

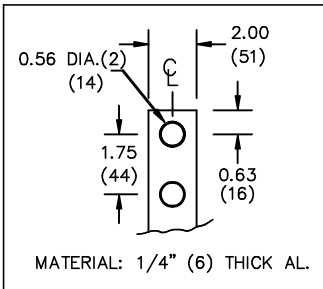
SIDE VIEW



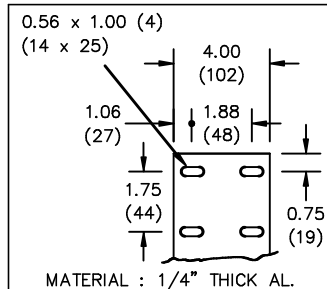
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



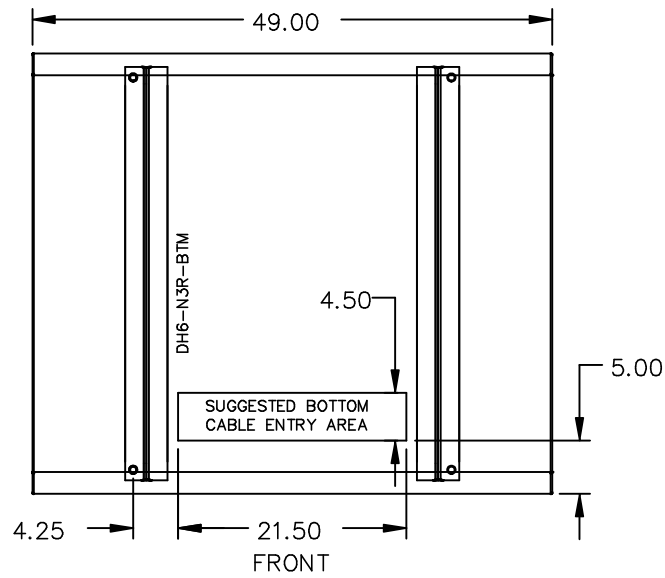
CUSTOMER NOTES:

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

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			VERIF'D		
		ORDER NO.		DWG. NO.	
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					SH 2 OF 3

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

Siemens Industry, Inc.

REVISION	DATE	BY	DATE	BY
			19/05/15	RM

CUSTOMER	
ORDER NO.	DWG. NO. 3F1Y500D16
	SH 3 OF 3