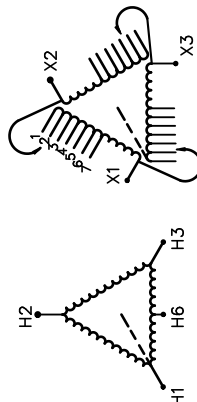


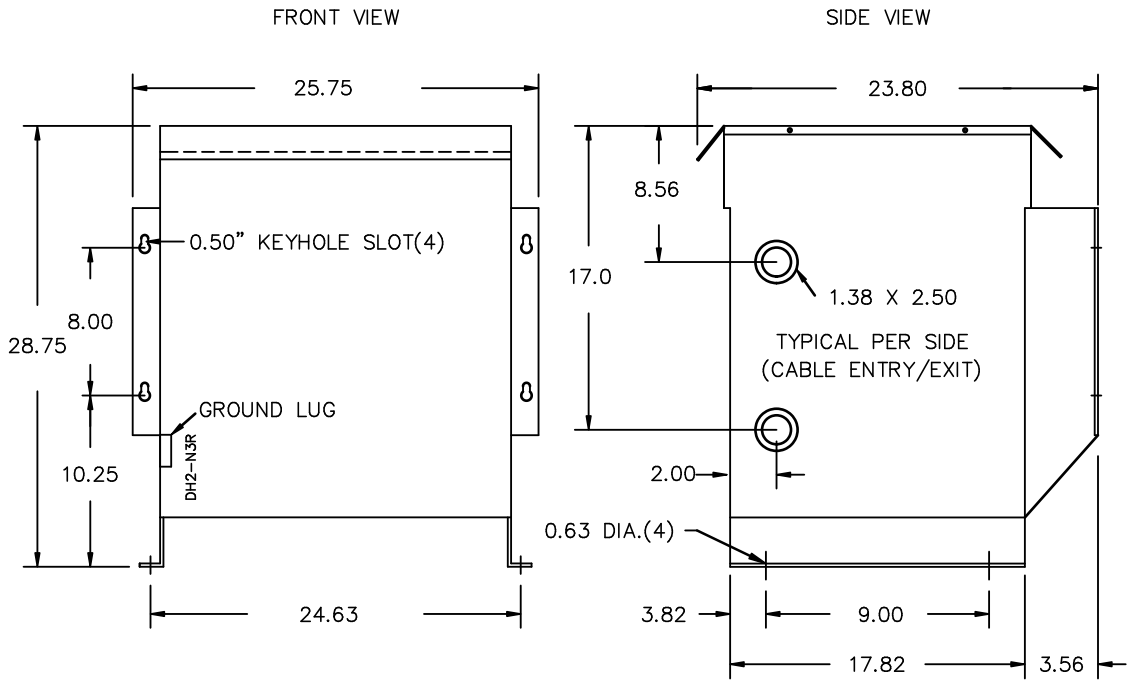
REVISION	DATE	BY	DATE	BY
		DRAWN	17/02/01	RM
		CHEK'D		
		VERIF'D		

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CUSTOMER	
ORDER NO.	DWG. NO.
	3B1Y045FESCLN3D16 SH 1 OF 3

# SIEMENS

<p>CATALOG NO. 3B1Y045FESCLN3D16          SERIAL NO. SERIES H  <b>45</b> kVA <b>60</b> Hz <b>3</b> PHASE  <b>2.9</b> % IMP AT <b>135</b> °C</p> <p><b>115</b> °C RISE <b>30</b> °C AVG. AMBIENT  <b>220</b> °C TEMP CLASS <b>40</b> °C MAX. AMBIENT</p> <p>PRIMARY ( X1 X2 X3 ) <b>208</b> V 10 kV BIL          SECONDARY( H1 H2 H3 ) <b>240</b> V 10 kV BIL</p> <p>WINDING MATERIAL <b>CU</b></p> <p>ENCLOSURE TYPE 3R WEIGHT 480 LBS</p> <p>ENERGY EFFICIENCY EXCEEDS CSA C802.2-2012 DOE 10 CFR PART 431:2016</p> <p>SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES          ELECTROSTATIC SHIELD, TRANSFORMER SUITABLE FOR SETUP OPERATION ONLY          H6 = 120V CT, 5% OF KVA RATING MAXIMUM          SOUND LEVEL IS 3 DB LOWER THAN NEMA ST20 REQUIREMENTS</p> <p>SUITABLE FOR INDOOR OR OUTDOOR LOCATIONS          BEFORE HANDLING, INSTALLING AND OPERATING; SEE INSTRUCTION MANUAL</p> <p>NEMA Class <b>ANN</b> Dry Type Transformer</p>	<p>CATALOG NO. 3B1Y045FESCLN3D16          SERIAL NO. SERIES H  <b>45</b> kVA <b>60</b> Hz <b>3</b> PHASE  <b>2.9</b> % IMP AT <b>135</b> °C</p> <p><b>115</b> °C RISE <b>30</b> °C AVG. AMBIENT  <b>220</b> °C TEMP CLASS <b>40</b> °C MAX. AMBIENT</p> <p>PRIMARY ( X1 X2 X3 ) <b>208</b> V 10 kV BIL          SECONDARY( H1 H2 H3 ) <b>240</b> V 10 kV BIL</p> <p>WINDING MATERIAL <b>CU</b></p> <p>ENCLOSURE TYPE 3R WEIGHT 480 LBS</p> <p>ENERGY EFFICIENCY EXCEEDS CSA C802.2-2012 DOE 10 CFR PART 431:2016</p> <p>SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES          ELECTROSTATIC SHIELD, TRANSFORMER SUITABLE FOR SETUP OPERATION ONLY          H6 = 120V CT, 5% OF KVA RATING MAXIMUM          SOUND LEVEL IS 3 DB LOWER THAN NEMA ST20 REQUIREMENTS</p> <p>SUITABLE FOR INDOOR OR OUTDOOR LOCATIONS          BEFORE HANDLING, INSTALLING AND OPERATING; SEE INSTRUCTION MANUAL</p> <p>NEMA Class <b>ANN</b> Dry Type Transformer</p>	 <p><b>VOLTS CONNECT</b></p> <p>1 2 3 4 5 6 7</p> <p><b>TYPE K</b></p> <p>DRY TYPE TRANSFORMER          77UL E112313          LISTED LR 3902</p> <p>SEISMIC QUALIFICATIONS, FLOOR MOUNT ONLY          OSP-0136-10 IBC 2012/ASCE 7-10          SDS&lt;=2.0g z/h=1 Ip=1.5</p>
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All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 250MCM-6 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 250MCM-6 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

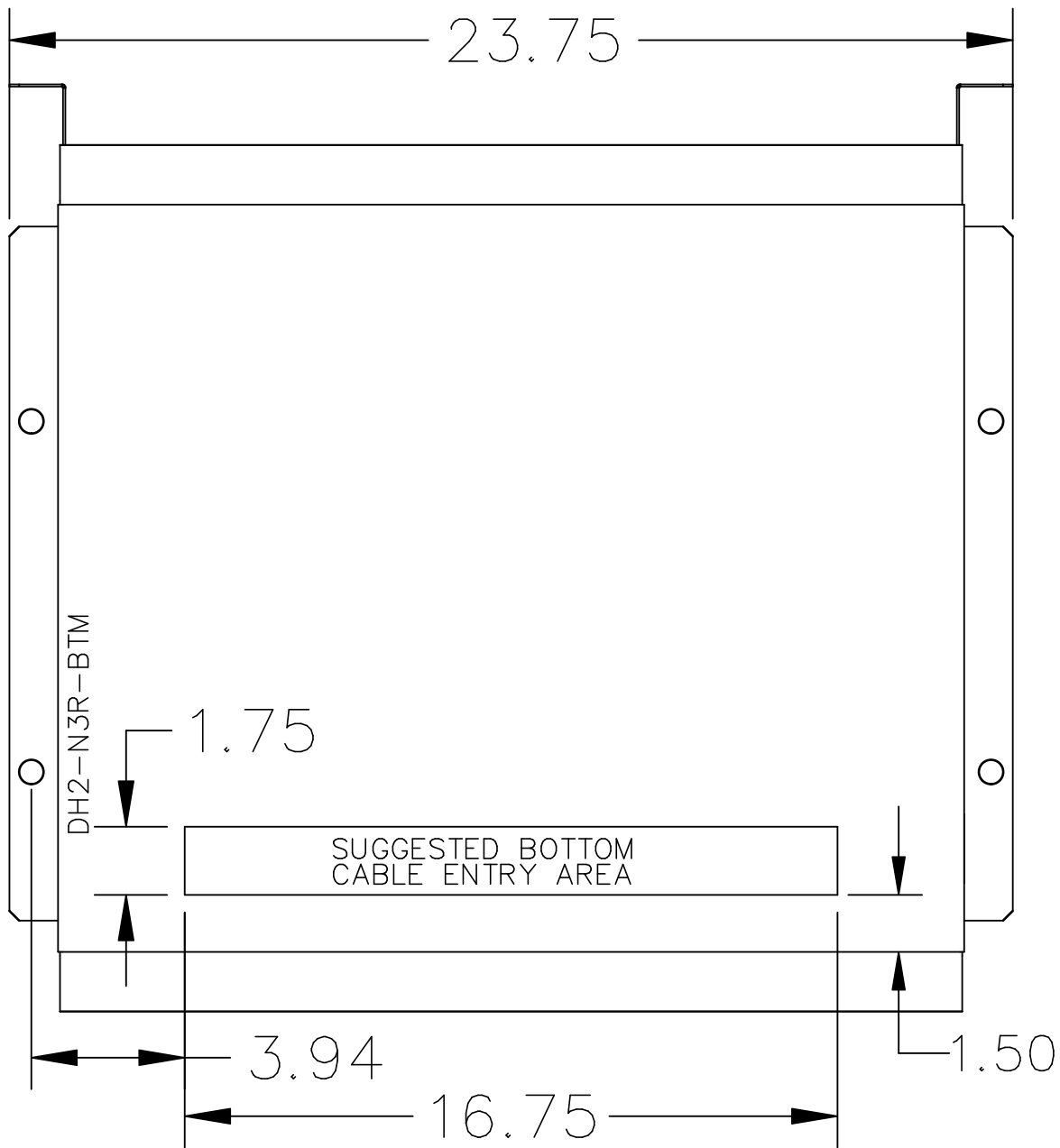
- HV TERMINATED AT BOTTOM FRONT
- LV TERMINATED AT TOP FRONT

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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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REVISION	DATE	BY	DATE	BY
		DRAWN	17/02/01	RM
		CHEK'D		
		VERIF'D		

CUSTOMER	
ORDER NO.	DWG. NO. 3B1Y045FESCLN3D16 SH 3 OF 3

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