

REVISION	DATE	BY	DATE	BY
		DRAWN	05/01/24	GP
		CHEK'D		
		VERIF'D		

Confidential - Property of Siemens Industry, Inc. Building Technologies Division	
CUSTOMER	
ORDER NO.	DWG. NO.
	1D1Y167CTP1
	SH 1 OF 2


SIEMENS


CATALOG NO. 1D1Y167CTP1
 SERIAL NO. SERIES H
 167 kVA 60 Hz 1 PHASE
 5.4 % IMP AT 170 °C

150 °C RISE 30 °C AVG. AMBIENT
 220 °C TEMP CLASS 40 °C MAX. AMBIENT
 PRIMARY (H1 H3 H2 H4) 240X480V V
 SECONDARY(X4 X2 X3 X1) 120/240V V


WINDING MATERIAL CU
 ENCLOSURE TYPE NEMA-3R
 WEIGHT 1150 LBS

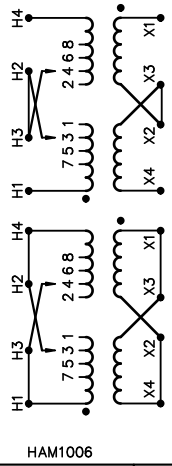
SPACINGS BETWEEN ENCLOSURE AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 6 INCHES
 UNIT MEETS TP1-1996 EFFICIENCY
 SUITABLE FOR INDOOR OR OUTDOOR LOCATIONS DO NOT INSTALL IN AREAS ACCESSIBLE TO PUBLIC FOR INSTALLATION SEE INSTRUCTION MANUAL
 NEMA Class ANN Dry Type Transformer Siemens Industry, Inc. Norcross, GA


 E112313


 LR 3902

LISTED DISTRIBUTION TRANSFORMER 77US TYPE





VOLTS	INPUT LINE ON H1 & H4
504	CONNECT
492	H2-1, H3-2
480	H3-2, H2-3
468	H2-3, H3-4
456	H3-4, H2-5
444	H2-5, H3-6
432	H3-6, H2-7
252	H2-7, H3-8
240	H2-1, H3-2
228	H2-3, H3-4
216	H2-5, H3-6
	H2-7, H3-8

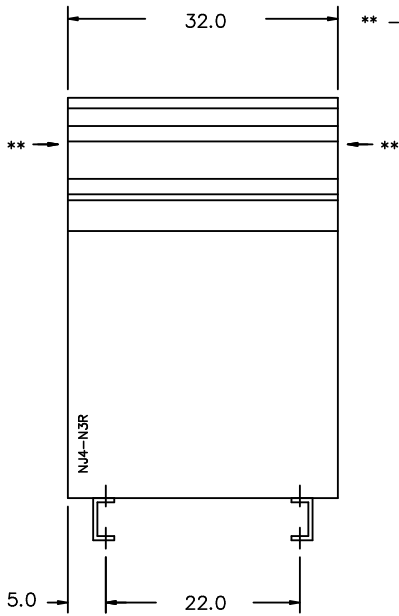
CONNECT H2 TO H3 FOR SERIES PRIMARY

CONNECT H1 TO H3 AND H2 TO H4 FOR PARALLEL PRIMARY

VOLTS	CONNECT	OUTPUT LINE
120	X1-X3, X2-X4	X1-X4
240	X2-X3	X1-X4
240/120	X2-X3	X1-X2-X4

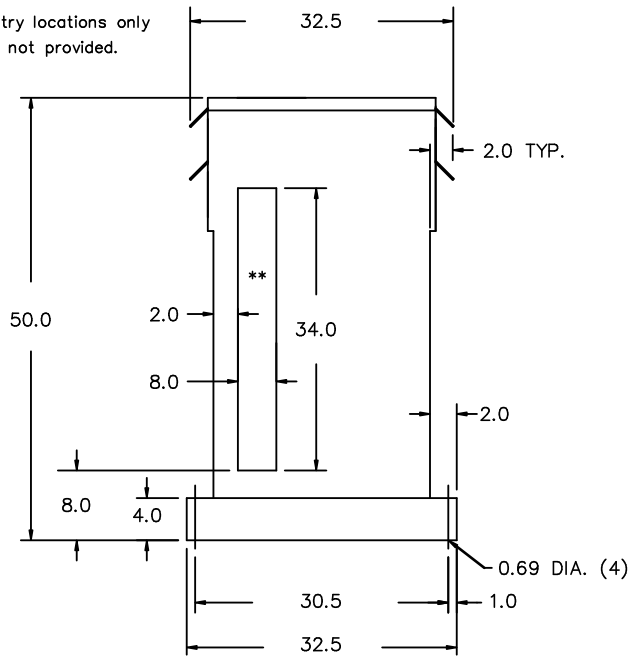
dsu0602e

FRONT VIEW



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

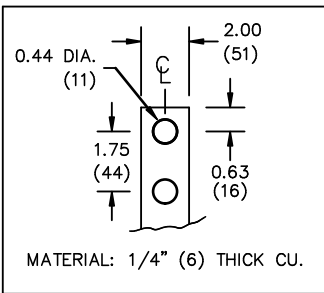
SIDE VIEW



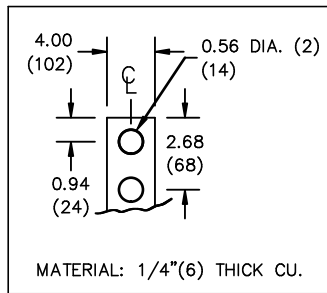
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

H.V.1. TERMINAL DETAIL



L.V.1. TERMINAL DETAIL



CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT

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SH 2 OF 2	

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