SIEMENS

CATALOG NO. 1D1Y037BCTP1
SERIAL NO. SERIES H
37.5 kVA 60 Hz 1 PHASE
4.9 % IMP AT 100 °C

80 °C RISE 30 °C AVG. AMBIENT
220 °C TEMP CLASS 40 °C MAX. AMBIENT
PRIMARY (H1 H3 H2 H4) 240X480 V 10 kV BIL
SECONDARY(X4 X2 X3 X1) 120/240 V 10 kV BIL

WINDING MATERIAL CU
ENCLOSURE TYPE 3R WEIGHT 390 LBS
ENERGY EFFICIENCY CSA C802.2-18 DOE 10 CFR PART 431:2016

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES.

SUITABLE FOR INDOOR OR OUTDOOR LOCATIONS
BEFORE HANDLING, INSTALLING AND OPERATING,
SEE INSTRUCTION MANUAL

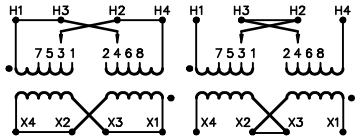
TYPE F
DRY TYPE TRANSFORMER 77U5 E112313 LISTED
LR 3902

SEISMIC QUALIFICATIONS
FLOOR MOUNT ONLY
OSP-0136-10 IBC 2012/ASCE 7-10
SDS<=2.0g Z/h=1 Ip=1.5

NEMA Class ANN Dry Type Transformer

Siemens Industry, Inc. Norcross, GA dsu0086e3

HAM1497



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

VOLTS	CONNECT	OUTPUT LINE
120	X1-X3, X2-X4	X1&X3, X2&X4
240	X2-X3	X1, X2orX3, X4
120/240	X2-X3	X1-X2-X4

REVISION	DATE	BY
HCN:21032	14/09/09	RM
CHANGED NPL VERSION;	19/05/23	RM

CHEK'D	DRAWN	11/05/26
VERIF'D		

DATE	BY
	RB

CUSTOMER

ORDER NO.

DWG. NO. 1D1Y037BCTP1

SH 1 OF 4 2

Siemens Industry, Inc.

PRIMARY VOLTS	CONNECTION LINES TO	INTER-CONNECT
504	H1,H4	1-H2,2-H3,H2-H3
492	H1,H4	3-H2,2-H3,H2-H3
480	H1,H4	3-H2,4-H3,H2-H3
468	H1,H4	5-H2,4-H3,H2-H3
456	H1,H4	5-H2,6-H3,H2-H3
444	H1,H4	7-H2,6-H3,H2-H3
432	H1,H4	7-H2,8-H3,H2-H3
252	H1&H3, H2&H4	1-H2,2-H3,H1-H3,H2-H4
240	H1&H3, H2&H4	3-H2,4-H3,H1-H3,H2-H4
228	H1&H3, H2&H4	5-H2,6-H3,H1-H3,H2-H4
216	H1&H3, H2&H4	7-H2,8-H3,H1-H3,H2-H4
SECONDARY VOLTS	CONNECTION LINES TO	INTER-CONNECT
240	X1,X4	X2-X3
120	X1&X3, X2&X4	X1-X3,X2-X4
120/240	X1, X2orX3, X4	X2-X3

Siemens Industry, Inc.

REVISION		DATE	BY		DATE	BY
				DRAWN	11/05/26	RB
1	HCN: 21032	14/09/09	RM	CHEK'D		
2	CHANGED NPL VERSION;	19/05/23	RM	VERIF'D		

CUSTOMER

ORDER NO. | DWG. NO. 1D1Y037BCTP1 | 2 SH 2 OF 4

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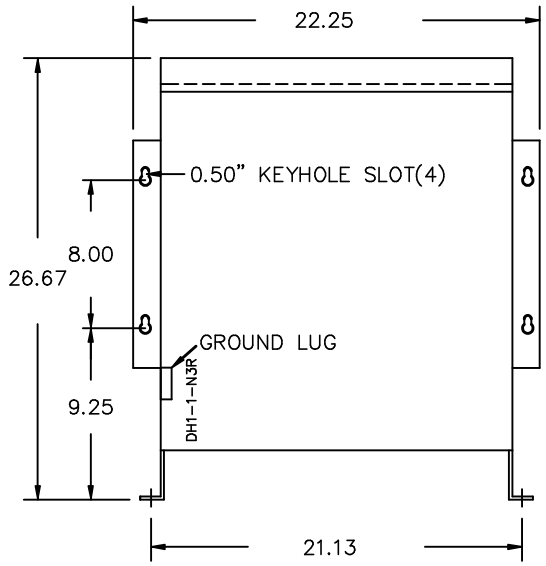
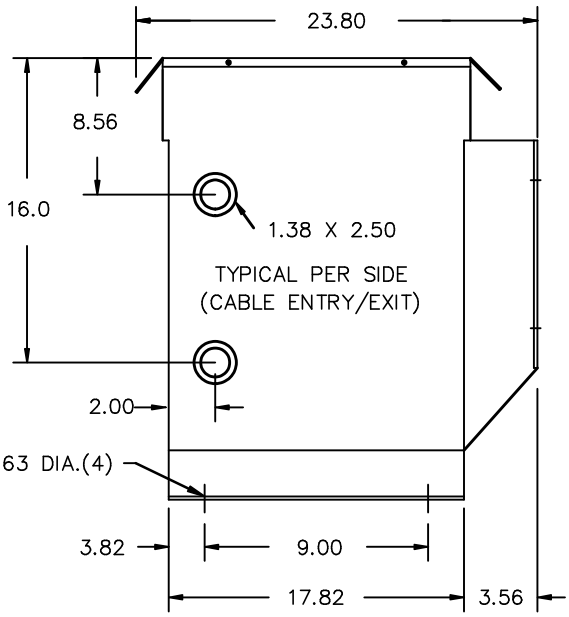
FRONT VIEW



SIDE VIEW



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #2/0–14 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

LV TERMINAL DETAIL

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

CUSTOMER NOTES:
- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT

Siemens Industry, Inc.

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				DRAWN	11/05/26	RB
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CUSTOMER

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	1D1Y037BCTP1	2 SH 3 OF 4

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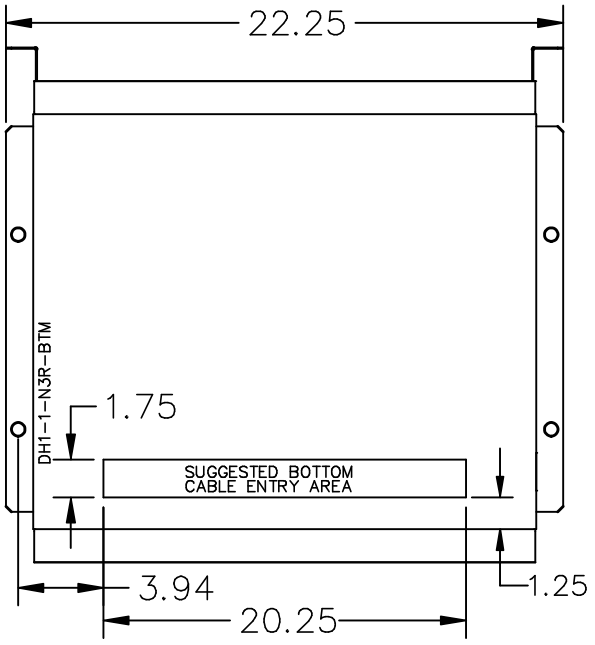
ENCLOSURE BOTTOM VIEW



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

Siemens Industry, Inc.

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				DRAWN	11/05/26	RB
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CUSTOMER

ORDER NO.

DWG. NO. 1D1Y037BCTP1

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SH 4 OF 4

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