

0625-3100

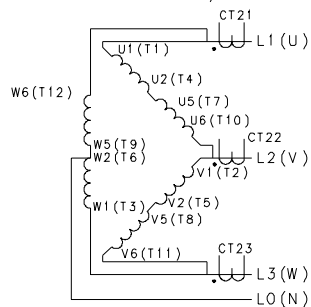
SC,CC,HC GENERATORS

3 PHASE RECONNECTABLE

VOLTAGE CONNECTION
CURRENT TRANSFORMER SECONDARY CONN 1-3

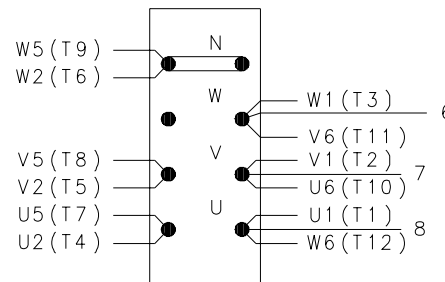
100/200V, 50HZ (R79)
110/220V, 50HZ (R028)
115/230V, 50HZ (R071)
120/240V, 60HZ (R106)

* RANGE *
100 - 120/200 - 240V

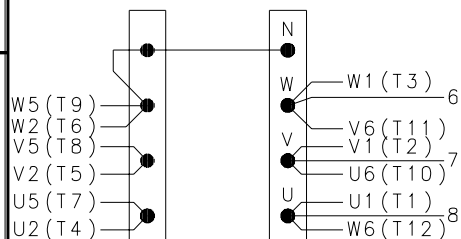


SERIES DELTA
3 PHASE 4 WIRE
OUTPUT TERMINALS
U.V.W.N.

FRAME 4

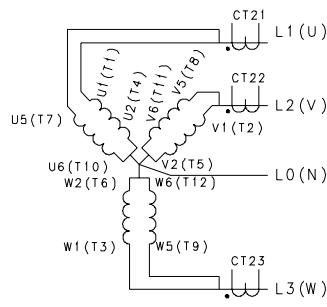


FRAME 5,6,& 7



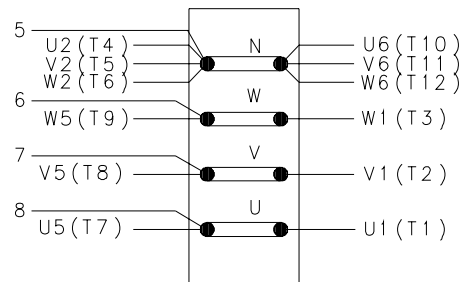
110/190V, 50HZ (R004) 115/200V, 50HZ (R050)
120/208V, 50;60 HZ (R098) 133/230V, 50;60 HZ (R057)
127/220V, 50;60HZ (R020) 139/240V, 60HZ (R067)
115/220V, 50HZ

* RANGE *
110 - 139/190 - 240V

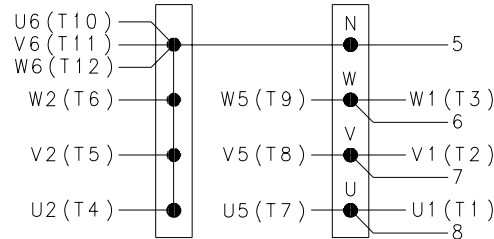


PARALLEL STAR
3 PHASE 4 WIRE
OUTPUT TERMINALS
U.V.W.N.

FRAME 4



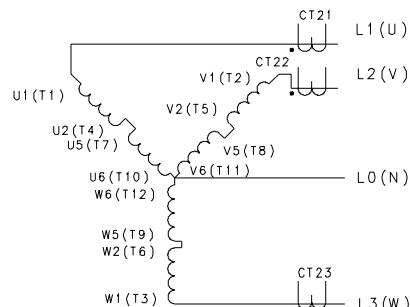
FRAME 5,6,& 7



VOLTAGE CONNECTION
CURRENT TRANSFORMER SECONDARY CONN 1-2

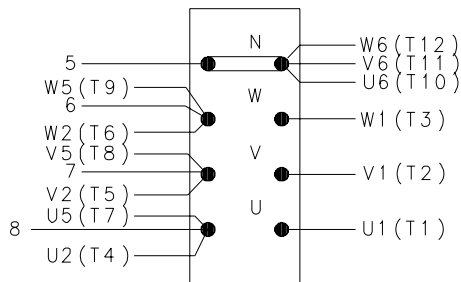
220/380V, 50;60 HZ (R099) 266/460V, 60 HZ (R027)
230/400V, 50 HZ (R029) 260/450V, 50;60 HZ (R109)
240/416V, 50 HZ (R003) 277/480V, 60 HZ (R002)
255/440V, 50;60 HZ (R023) 200/346V, 50 HZ (R068)

* RANGE *
220 - 277/380 - 480V

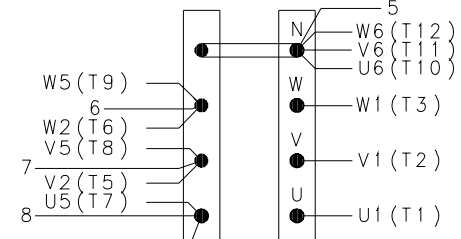


SERIES STAR
3 PHASE 4 WIRE
OUTPUT TERMINALS
U.V.W.N.

FRAME 4



FRAME 5,6,& 7



REV. NO.	REV. DATE	REV. DESCRIPTION	ZONE	DR	CHKD	APPROVED	DATE
67947	A	1	PRODUCTION RELEASE	--	TAS	JC	ERICKSON 06-27-94
69782	B	1	ADDED NOTE 2	2B	CC	BC	ERICKSON 03-14-95
		2	SEE SHEET 2	--	CC	BC	ERICKSON 03-14-95
71002	C	1	U2(T4) WAS V2(T4)	4A	CC	BC	ERICKSON 09-25-95
71486	D	1	ADDED NOTE 3	2C	CC	BC	ERICKSON 11-10-95
72158	E	1	SEE SHEET 2	--	--	--	-----
72380	F	1	REVISED PER ER	--	CC	BC	BAH 04-05-96
77162	G	1	REVISED PER ER	--	CC	BC	TAL 04-17-98

NOTES:

1. UVW PHASE SEQUENCE WITH C.W. ROTATION FACING DRIVE END.
2. TIE BACK UNUSED LEADS.
3. WHEN RECONNECTING GENERATOR LEADS, BOLTS SHOULD BE TORQUED AT 68 +/-6 FT-LBS. FOR FRAMES 5, 6 AND 7.
4. WHEN RECONNECTING GENERATOR LEADS, BOLTS SHOULD BE TORQUED AT 22 +/-2 FT-LBS. FOR FRAME 4.
5. NEUTRAL FLOATED FOR DELTA CONFIGURATION. TIE LEAD 5 BACK INTO HARNESS.

PC CONTROL

CLASSIFICATION OF CHARACTERISTICS	
KEY INSTRUCTION (NO TOLERANCE)	
CRITICAL	APPROVED P. ERICKSON
MAJOR	DATE 07-05-94
MINOR (NONE)	
LINE BELOW SYMBOL	APPLIES TO UPPER LIMIT
LINE ABOVE SYMBOL	APPLIES TO LOWER LIMIT
NO LINE WITH SYMBOL	APPLIES TO BOTH LIMITS

DO NOT SCALE PRINT	TOLERANCE UNLESS OTHERWISE SPECIFIED	THIS DOCUMENT IS THE PROPERTY OF ONAN CORPORATION. IT CONTAINS PROPRIETARY AND CONFIDENTIAL INFORMATION WHICH MUST NOT BE REPRODUCED, COPIED OR DISCLOSED TO ANY OTHER PERSON OR ORGANIZATION WITHOUT THE WRITTEN PERMISSION OF ONAN CORPORATION OR ITS REPRESENTATIVE.
ANG 10L	0.00-4.99 +0.15/-0.08 5.00-9.99 +0.20/-0.10 10.00-17.49 +0.25/-0.13 17.50-24.99 +0.30/-0.15	0.00-4.99 +0.15/-0.08 5.00-9.99 +0.20/-0.10 10.00-17.49 +0.25/-0.13 17.50-24.99 +0.30/-0.15

ITEM	PART NO.	QTY	DESCRIPTION OR MATERIAL	REF DES
NAME	DATE			
DR T.A. SORENSEN	06-27-94			
CHKD T.A. SORENSEN	06-27-94			
APPROVED P. ERICKSON	06-27-94			
MODEL FIRST USED ON				
FOR INTERPRETATION OF DIMENSIONS AND TOLERANCING, SEE				
MINNEAPOLIS, MINNESOTA 55432				
TITLE WD-GEN RECONNECT				
DWG NO. 0625-3100				
SHEET 1 OF 2				

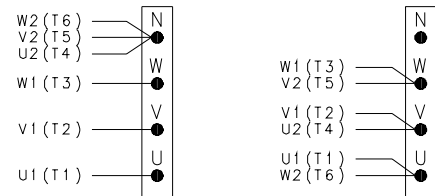
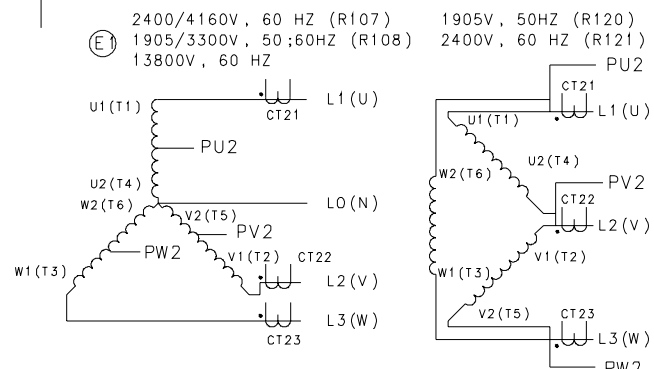
0625-3100

D

SC, CC, HC GENERATORS

MEDIUM VOLTAGE

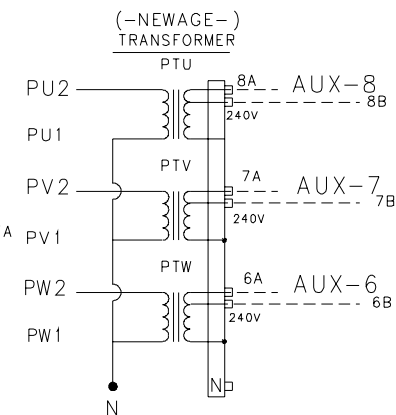
CURRENT TRANSFORMER
SECONDARY CONN 1 - 2 (Y) OR 1 - 3 (DELTA)



PRIMARY JUMPERS

PV1 - PW1 - PU1

A - 4160 VOLT WYE
B - 3300 VOLT WYE
C - 2400 VOLT DELTA

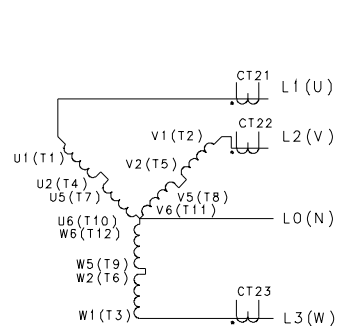


(NO NEUTRAL CONNECTION FROM
GENERATOR IN 2400 VAC DELTA)

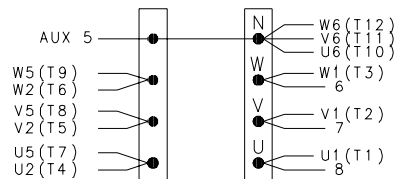
3 PHASE NON-RECONNECTABLE

CURRENT TRANSFORMER
SECONDARY CONN 1 - 2

346/600V, 60HZ (R114)

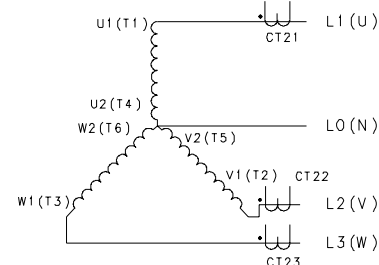


FRAME 4, 5, & 6

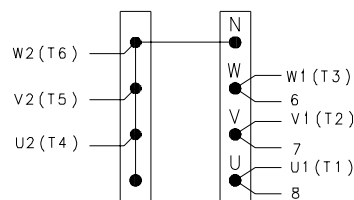


CURRENT TRANSFORMER SECONDARY CONN 1 - 2

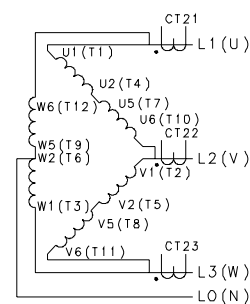
220/380V, 50;60 HZ (R099) 230/400V, 50 HZ (R029)
240/416V, 60 HZ (R003) 254/440V, 50HZ (R023)
277/480V, 60 HZ (R002) SPECIAL WINDING
347/600V, 60 HZ (R114) SPECIAL WINDING
120/208V, 60 HZ (R098) SPECIAL WINDING
127/220V, 60 HZ (R020) SPECIAL WINDING



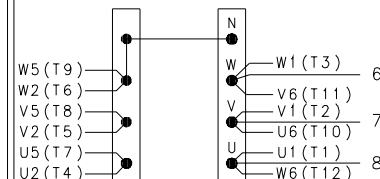
FRAME 5, 6, & 7



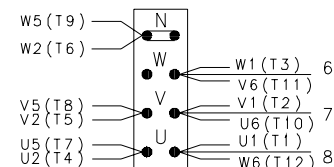
220/440V, 50 HZ (R019)
240/480V, 60 HZ (R119)



FRAME 5, 6, & 7



FRAME 4



PC CONTROL

CLASSIFICATION OF CHARACTERISTICS	
KEY INSTRUCTION (NO TOLERANCE)	
CRITICAL	APPROVED P. ERICKSON
MAJOR	DATE 07-05-94
MINOR (NONE)	
LINE BELOW SYMBOL	APPLIES TO UPPER LIMIT
LINE ABOVE SYMBOL	APPLIES TO LOWER LIMIT
NO LINE WITH SYMBOL	APPLIES TO BOTH LIMITS

DO NOT SCALE PRINT

ITEM	PART NO.	QTY	DESCRIPTION OR MATERIAL	REF DES
1	0625-2165	1	PC CONTROL	

ITEM	PART NO.	QTY	DESCRIPTION OR MATERIAL	REF DES
1	0625-2165	1	PC CONTROL	

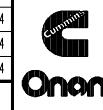
ITEM	PART NO.	QTY	DESCRIPTION OR MATERIAL	REF DES
1	0625-2165	1	PC CONTROL	

ITEM	PART NO.	QTY	DESCRIPTION OR MATERIAL	REF DES
1	0625-2165	1	PC CONTROL	

ITEM	PART NO.	QTY	DESCRIPTION OR MATERIAL	REF DES
1	0625-2165	1	PC CONTROL	

REV NO.	LTR NO.	REVISION	ZONE	DR	CHKD	APPROVED	DATE
67947	A	1	PRODUCTION RELEASE	30	CC	BG	ERICKSON 06-27-94
69782	B	2	ADDED SPECIAL WINDING VOLTAGES	30	CC	BG	ERICKSON 03-14-95
71002	C	-	-	-	-	-	-
71486	D	-	-	-	-	-	-
72158	E	1	WAS 50HZ (R108)	60	JC	BWH	B. HAMPEL 02-05-96
72380	F	1	REVISED PER ER	-	CC	BG	BAH 04-05-96
77162	G	1	REVISED PER ER	-	CC	BG	TAL 04-17-98

REVISIO DWG



MINNEAPOLIS, MINNESOTA 55432
TITLE WD-GEN RECONNECT
DWG NO. 0625-3100
SHEET 2 OF 2