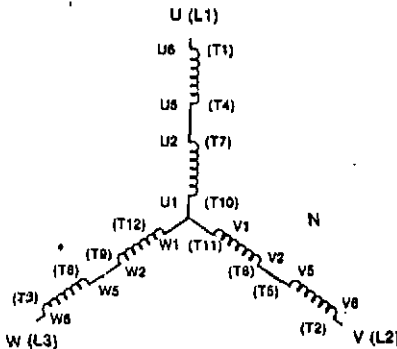
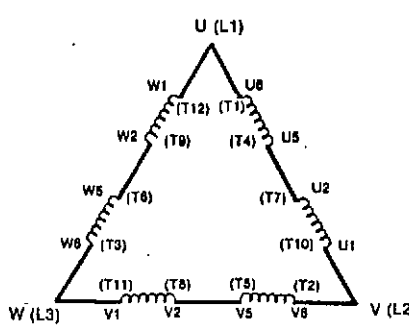
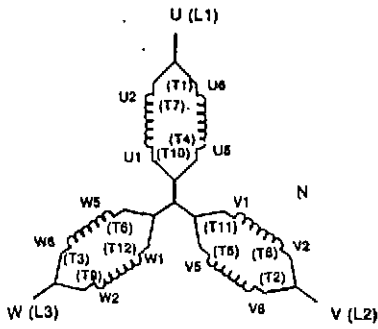
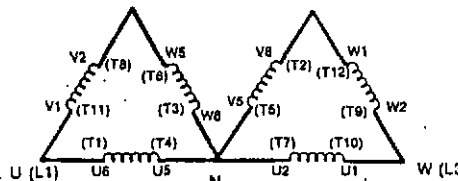


High Wye 3 Phase	Series Delta 3 Phase	Generator Terminal Markings																																		
		<table><tr><th>Metric</th><th>NEMA</th></tr><tr><td>U6</td><td>T1</td></tr><tr><td>V6</td><td>T2</td></tr><tr><td>W6</td><td>T3</td></tr><tr><td>U5</td><td>T4</td></tr><tr><td>V5</td><td>T5</td></tr><tr><td>W5</td><td>T6</td></tr><tr><td>U2</td><td>T7</td></tr><tr><td>V2</td><td>T8</td></tr><tr><td>W2</td><td>T9</td></tr><tr><td>U1</td><td>T10</td></tr><tr><td>V1</td><td>T11</td></tr><tr><td>W1</td><td>T12</td></tr><tr><td>U</td><td>L1</td></tr><tr><td>V</td><td>L2</td></tr><tr><td>W</td><td>L3</td></tr><tr><td>N</td><td>N</td></tr></table>	Metric	NEMA	U6	T1	V6	T2	W6	T3	U5	T4	V5	T5	W5	T6	U2	T7	V2	T8	W2	T9	U1	T10	V1	T11	W1	T12	U	L1	V	L2	W	L3	N	N
Metric	NEMA																																			
U6	T1																																			
V6	T2																																			
W6	T3																																			
U5	T4																																			
V5	T5																																			
W5	T6																																			
U2	T7																																			
V2	T8																																			
W2	T9																																			
U1	T10																																			
V1	T11																																			
W1	T12																																			
U	L1																																			
V	L2																																			
W	L3																																			
N	N																																			
Low Wye 3 Phase	Double Delta 1 Phase	NEWAGE STAMFORD 12 Wire Reconnection Diagrams For regulator connections see applicable Instruction Manual NEWAGE STAMFORD Newage Ltd PO Box 103 Folcroft Industrial Park Folcroft, Pennsylvania 19032 Telephone: (215) 534-9500 Telex: 845278																																		
																																				

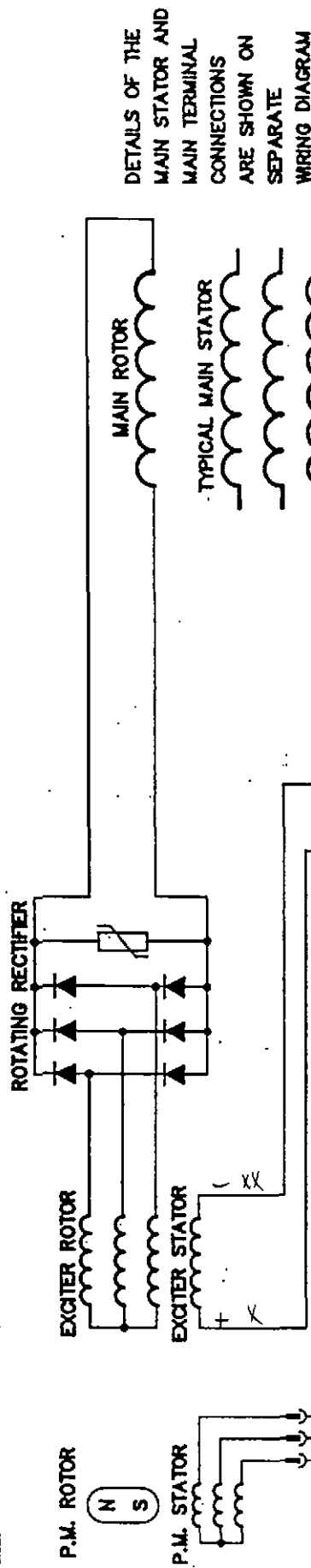
1-800-367-2764 Ext 6

IF IN DOUBT-ASK

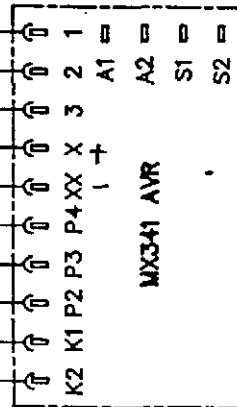
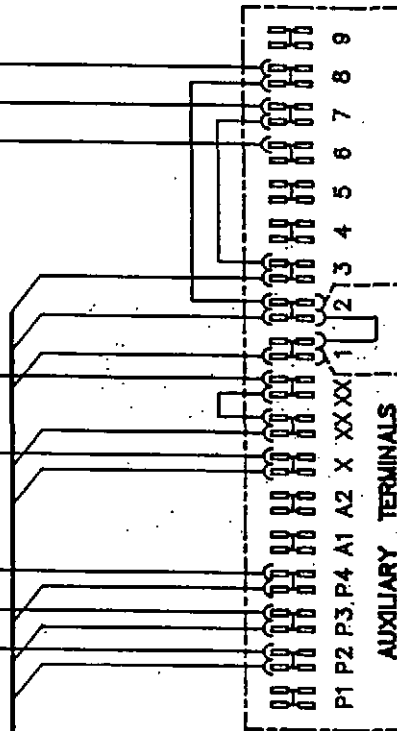
ISSUE

DA6-2000

FIRST W.O.



6
7
8



WIRING DIAGRAM

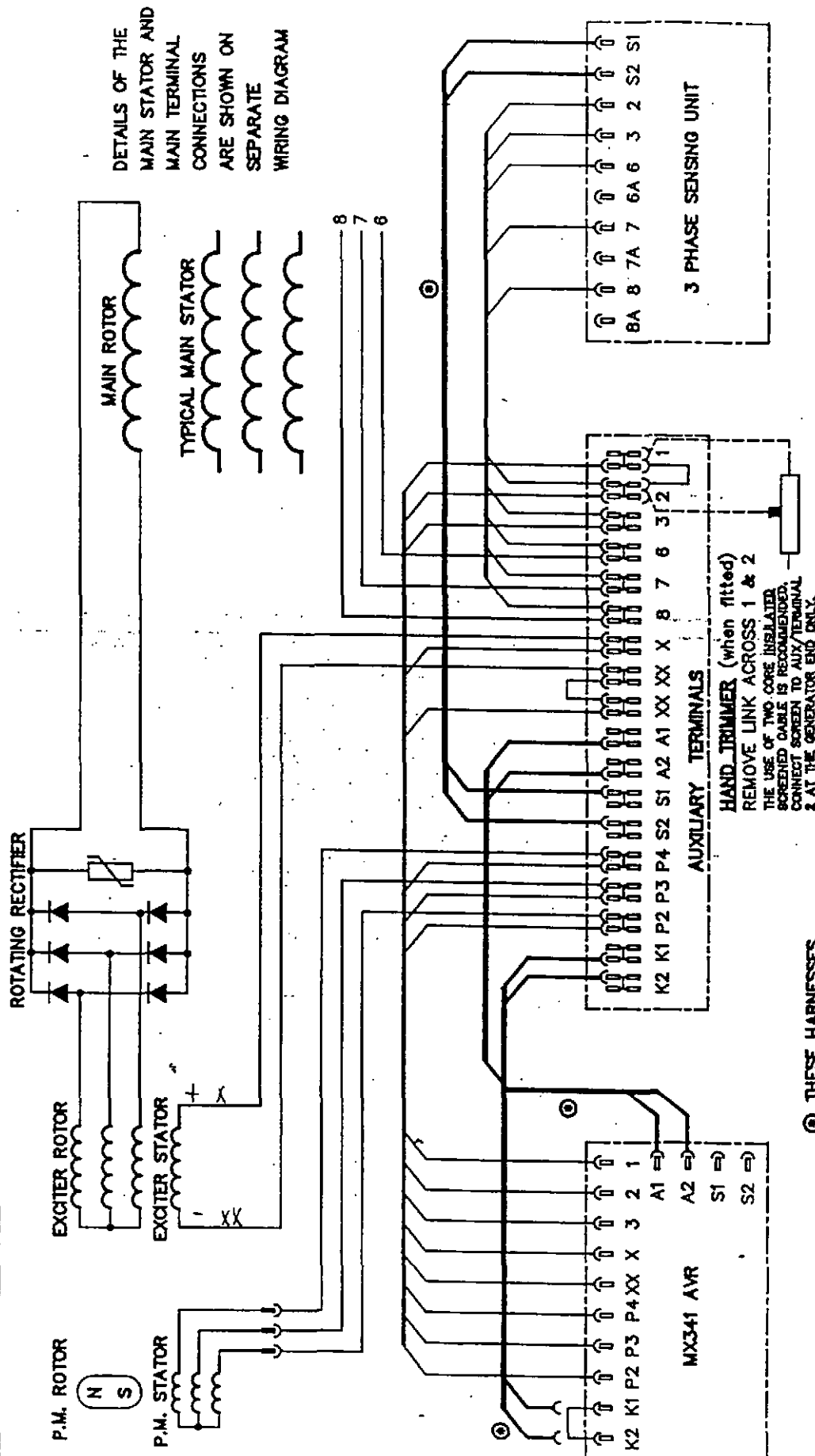
CERTIFIED PRINT	FRAME	OTHER FEATURES
(ONLY IF SIGNED)	CONTROL	SERIES MX341
BY	POLES	4/6
DATE	No. OF ENDS	2
	SENSING	PHASE
DRAWN	P.N.	NEWAGE INTERNATIONAL Ltd
1ST ISS.	29:11:88	STAMFORD, ENGLAND
		DA6-2000
		SHEET 1 OF 1 SHEETS

W.O. ISS. DRN. DATE ALTERATION

DA6-1001 IF IN DOUBT-ASK

ISSUE A

FIRST W.O.



⊙ THESE HARNESES ARE SUPPLIED WHEN ACCESSORIES ARE FITTED AND ARE SPECIFIED ON THE ACCESSORY DIAGRAM.

WIRING DIAGRAM

CERTIFIED PRINT	FRAME	OTHER FEATURES
(ONLY IF SIGNED)	CONTROL	SERIES MX341
BY	POLES	4/6
DATE	NO. OF ENDS	---
	SENSING	3 PHASE
DRAWN	P.N.	NEWAGE INTERNATIONAL Ltd
1ST ISS.	29/11/88	STAMFORD, ENGLAND
		DA6-1001
		SHEET 1 OF 1 SHEETS

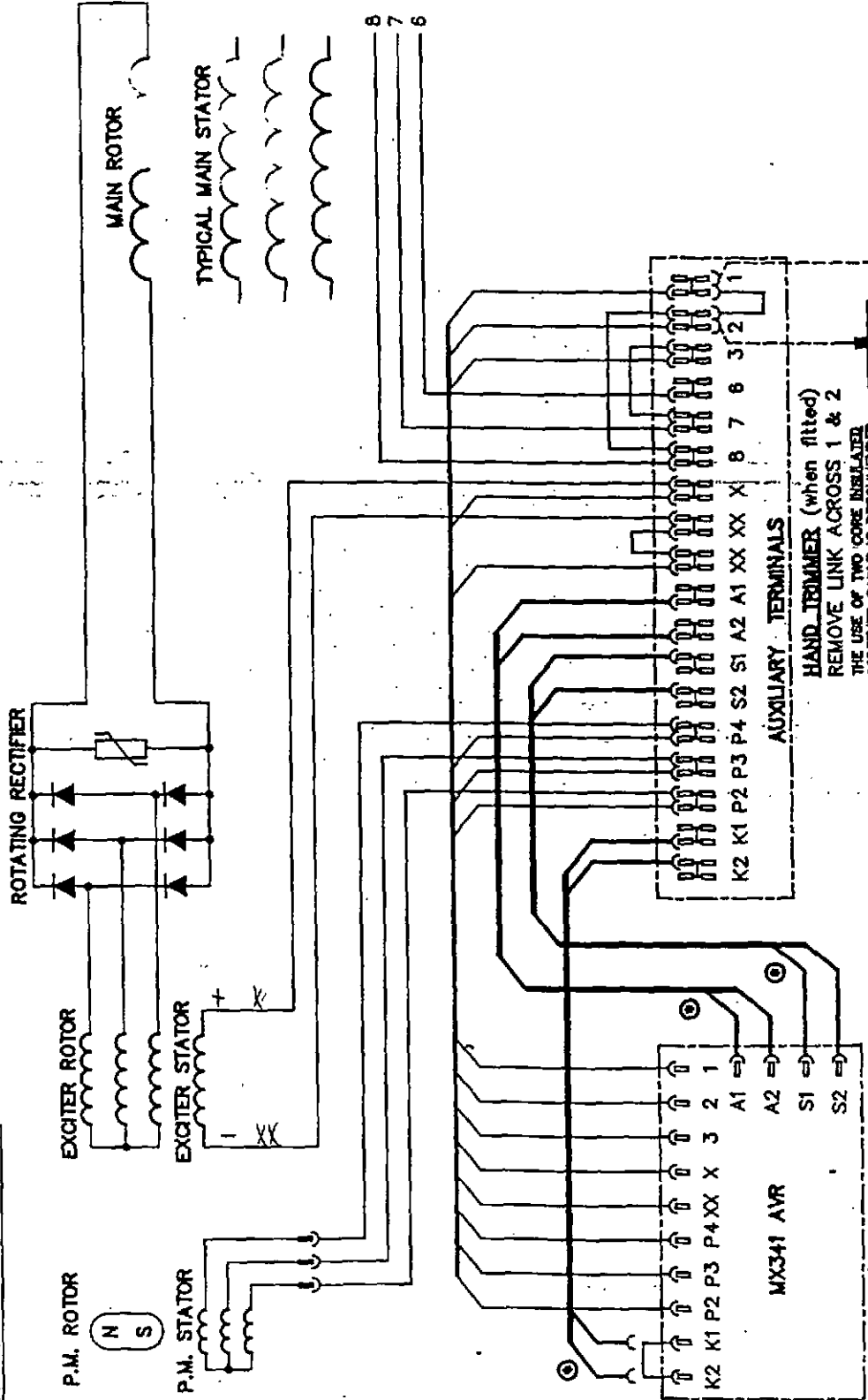
3/8717	A	P.J.	22/11/88	ADDED NOTE ABOUT TRIMMER SCREENED CABLE
MOD.	ISS.	DRN.	DATE	ALTERATION

DA6-1000

ISSUE A

FIRST W.O.

IF IN DOUBT-ASK



© THESE HARNESSES ARE SUPPLIED WHEN ACCESSORIES ARE FITTED AND ARE SPECIFIED ON THE ACCESSORY DIAGRAM.

WIRING DIAGRAM

CERTIFIED PRINT (ONLY IF SIGNED)	FRAME	OTHER FEATURES
BY	CONTROL	SERIES MX341
DATE	POLES	4/8
	No. OF ENDS	2
	SENSING	PHASE
DRAWN: P.N.	NEWAGE INTERNATIONAL Ltd	DA6-1000
1ST ISS. 27/10/88	STAMFORD, ENGLAND	SHEET 1 OF 1 SHEETS

3/3717 A	P.N.	22/11/88	ADDED NOTE ABOUT TRIMMER SCREENED CABLE
MOD.	ISS. DRN.	DATE	ALTERATION

DETAILS OF THE
MAIN STATOR AND
MAIN TERMINAL
CONNECTIONS
ARE SHOWN ON
SEPARATE
WIRING DIAGRAM

DA6-2001

ISSUE

FIRST W.O.

ROTATING RECTIFIER

P.M. ROTOR

N S

P.M. STATOR

EXCITER ROTOR

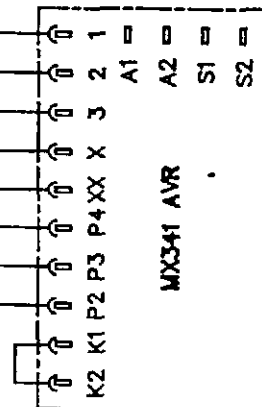
EXCITER STATOR

MAIN ROTOR

TYPICAL MAIN STATOR

DETAILS OF THE
MAIN STATOR AND
MAIN TERMINAL
CONNECTIONS
ARE SHOWN ON
SEPARATE
WIRING DIAGRAM

6
7
8

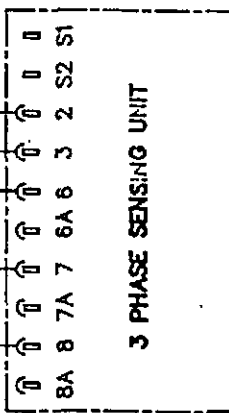


MX341 AVR

AUXILIARY TERMINALS

P1 P2 P3 P4 A1 A2 X XX XX 1 2 3 4 5 6 7 8 9

HAND TRIMMER
(when fitted)
REMOVE LINK
ACROSS 1 & 2



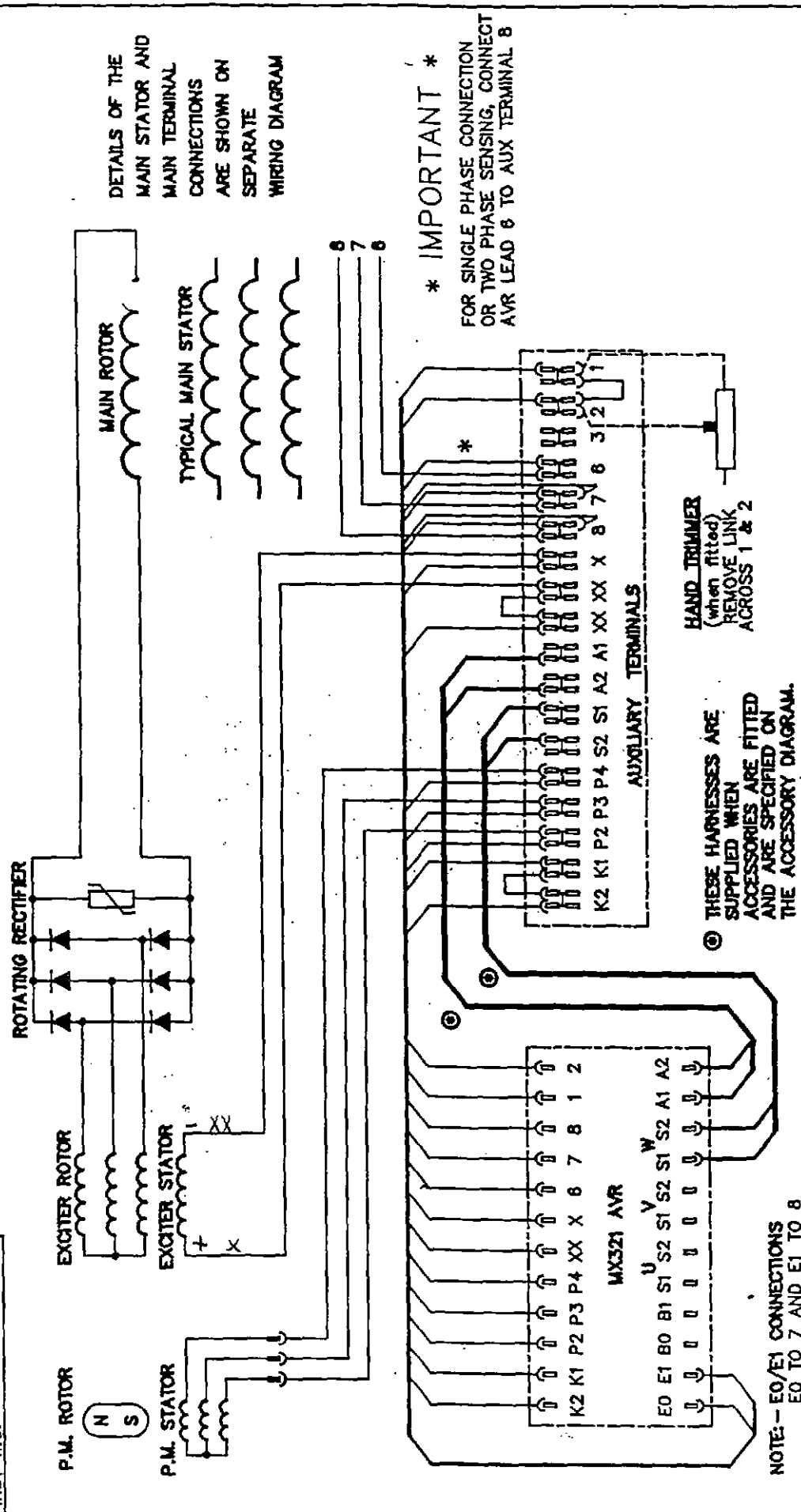
3 PHASE SENSING UNIT

WIRING DIAGRAM

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BY	POLES	No. OF ENDS	4/6		
DATE					
DRAWN	P.N.	SENSING	3	PHASE	ISSUE
1ST ISS.	28/11/88	NEWAGE INTERNATIONAL Ltd	STAMFORD, ENGLAND	DA6-2001	
MOD.	ISS.	DRAWN	DATE	ALTERATION	SHEET 1 OF 1 SHEETS

IF IN DOUBT-ASK

DA6-1021
FIRST W.O.



NOTE: - EO/E1 CONNECTIONS
EO TO 7 AND E1 TO 8
ALSO ALL CABLES ARE MARKED
BOTH ENDS WITH THE TERMINAL
TO WHICH THEY ARE CONNECTED.

© THESE HARNESSES ARE
SUPPLIED WHEN
ACCESSORIES ARE FITTED
AND ARE SPECIFIED ON
THE ACCESSORY DIAGRAM.

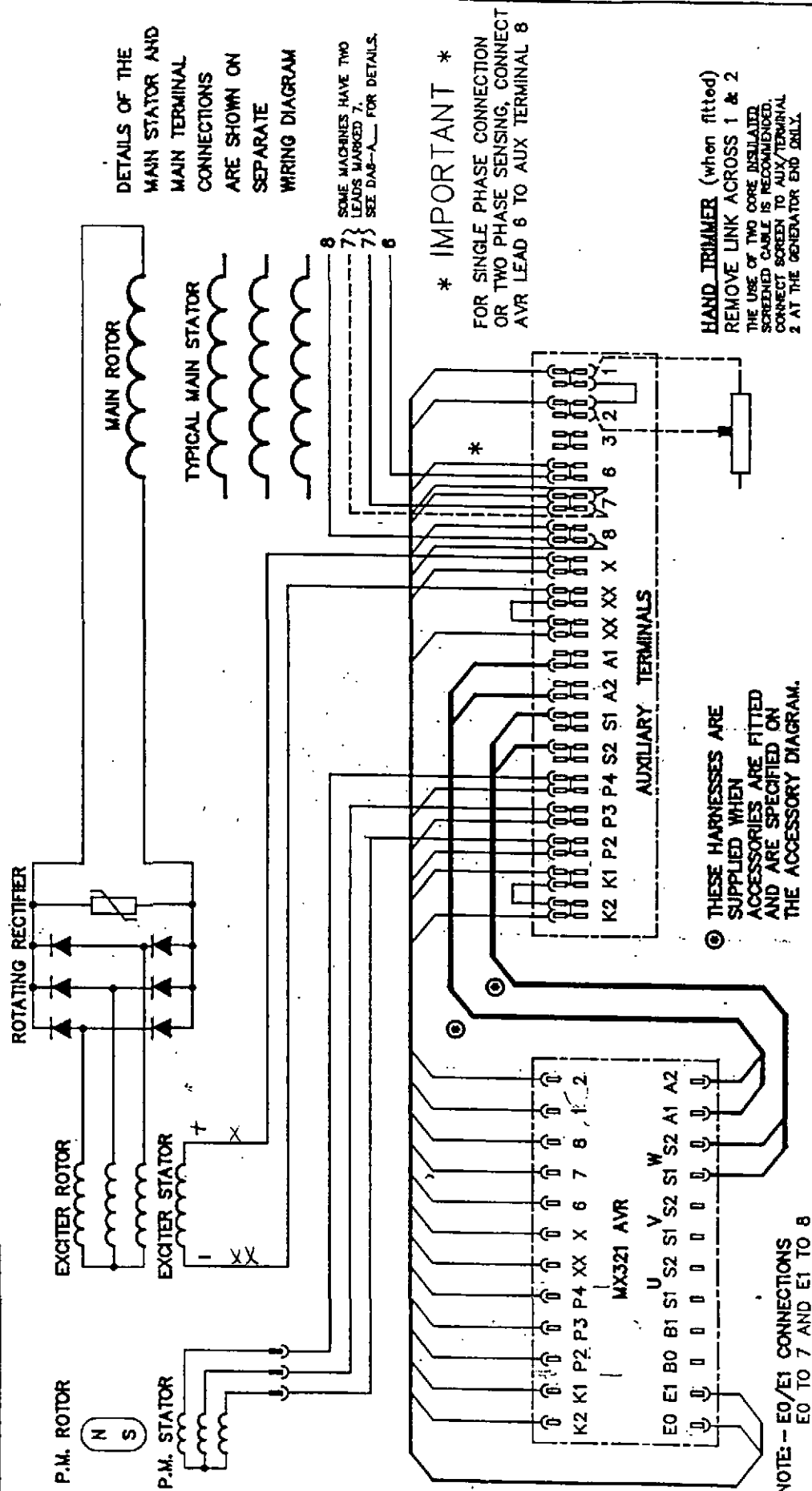
HAND TRIMMER
(when fitted)
REMOVE LINK
ACROSS 1 & 2

* IMPORTANT *
FOR SINGLE PHASE CONNECTION
OR TWO PHASE SENSING, CONNECT
AVR LEAD 6 TO AUX TERMINAL 8

DETAILS OF THE
MAIN STATOR AND
MAIN TERMINAL
CONNECTIONS
ARE SHOWN ON
SEPARATE
WIRING DIAGRAM

WIRING DIAGRAM

CERTIFIED PRINT	FRAME	OTHER FEATURES
(ONLY IF SIGNED)	CONTROL	SERIES MX321
BY	POLES	4/6
DATE	No. OF ENDS	---
	SENSING	2/3 PHASE
DRAWN P.N.	NEWAGE INTERNATIONAL Ltd	
1ST ISS.	STAMFORD, ENGLAND	
	DA6-1021	ISSUE
	SHEET 1 OF 1	SHEETS



781-821-9391

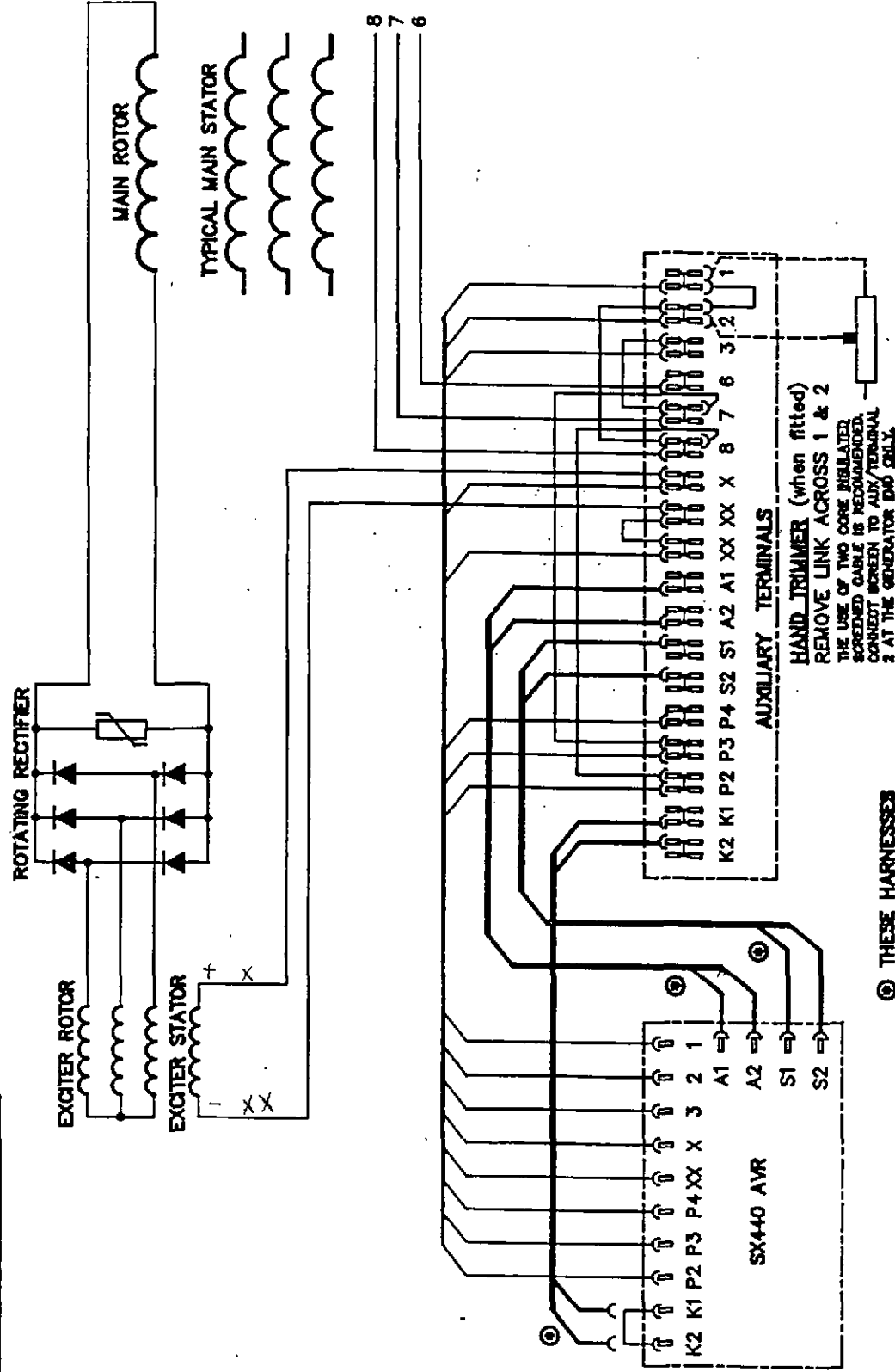
DA6-1006

ISSUE

A

IF IN DOUBT-ASK

FIRST W.O.



WIRING DIAGRAM

CERTIFIED PRINT	FRAME	OTHER FEATURES
(ONLY IF SIGNED)	CONTROL	SX440
BY	POLES	4/6
DATE	No. OF ENDS	---
	SENSING	2 PHASE
DRAWN	P.N.	NEWAGE INTERNATIONAL Ltd
1ST ISS.	30511:88	STAMFORD, ENGLAND

DA6-1006

SHEET 1 OF 1 SHEETS

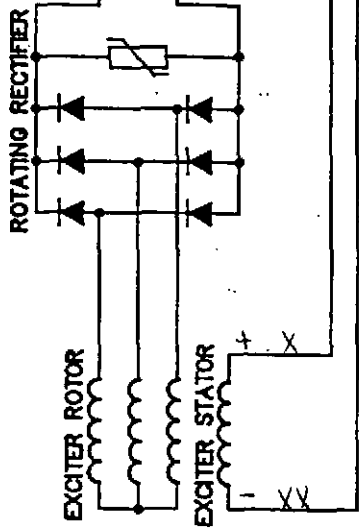
3/8717	A	P.N.	22-11-88	ADDED NOTE ABOUT TRIMMER SCREENED CABLE
MOD.	ISS.	DRAWN	DATE	ALTERATION

DA6-1007

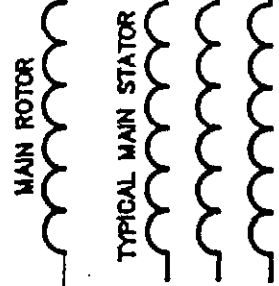
ISSUE
A

IF IN DOUBT-ASK

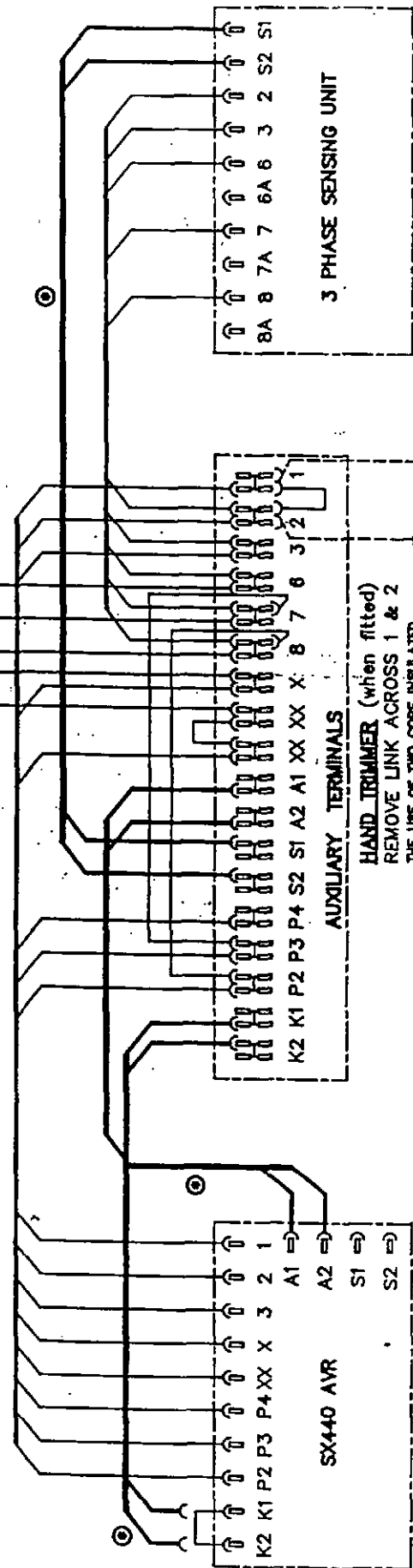
FIRST W.O.



DETAILS OF THE
MAIN STATOR AND
MAIN TERMINAL
CONNECTIONS
ARE SHOWN ON
SEPARATE
WIRING DIAGRAM



8
7
6



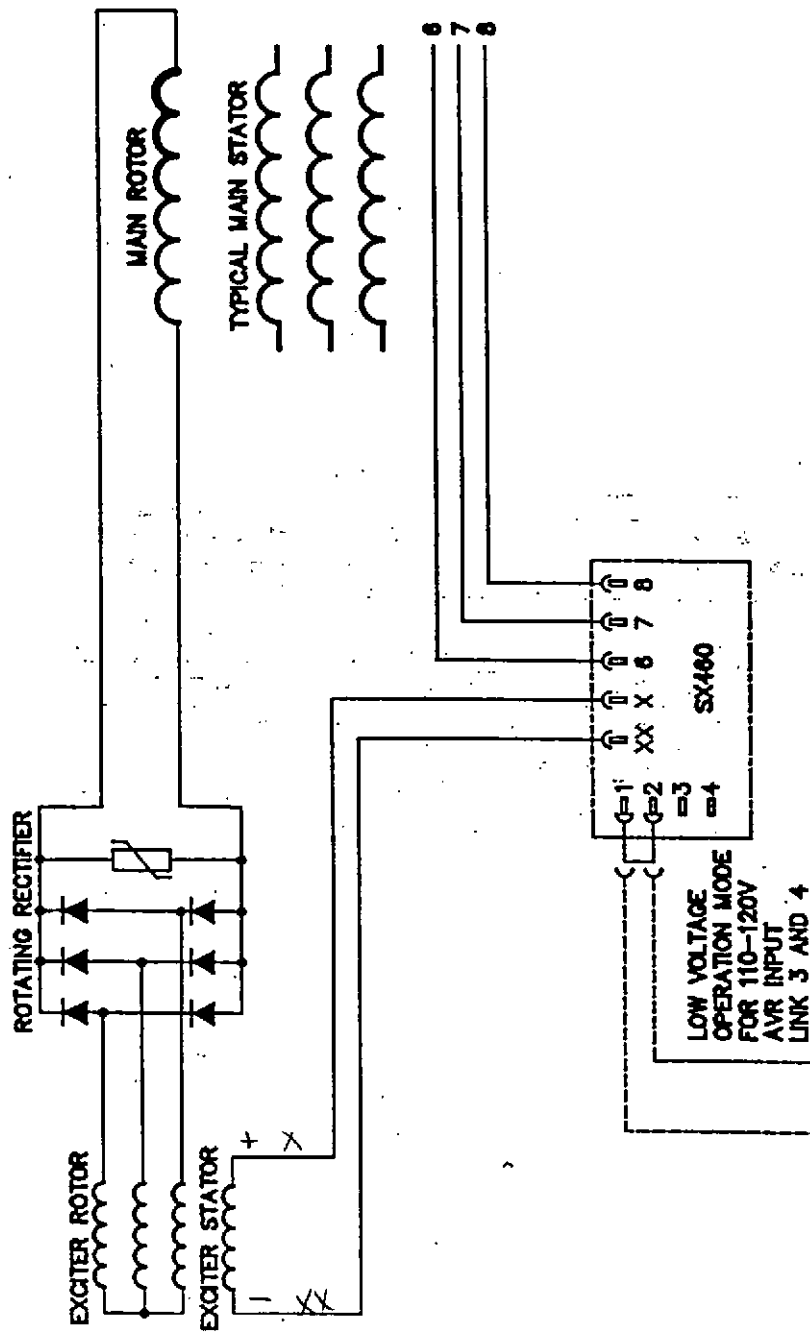
AUXILIARY TERMINALS

HAND TRIMMER (when fitted)
REMOVE LINK ACROSS 1 & 2
THE USE OF TWO CORE INSULATED
SCREENED CABLE IS RECOMMENDED.
CONNECT SCREEN TO AUX/TERMINAL
2 AT THE GENERATOR END ONLY.

⊙ THESE HARNESSSES
ARE SUPPLIED WHEN
ACCESSORIES ARE FITTED
AND ARE SPECIFIED ON
THE ACCESSORY DIAGRAM.

WIRING DIAGRAM

AND ARE SPECIFIED ON THE ACCESSORY DIAGRAM.									
3/7/77		A	P.N.	22-11-89	ADDED NOTE ABOUT TRIMMER SCREENED CABLE				
MCO.		ISS.	DRN.	DATE	ALTERATION				
							CERTIFIED PRINT	FRAME	OTHER FEATURES
							(ONLY IF SIGNED)	CONTROL	SX440
							BY	POLES	4/8
							DATE	No. OF ENDS	
								SENSING	3 PHASE
							DRAWN	NEWAGE INTERNATIONAL Ltd	
							1ST ISS.	STAMFORD, ENGLAND	
								DA6-1007	
								SHEET 1 OF 1 SHEETS	



DETAILS OF THE
MAIN STATOR AND
MAIN TERMINAL
CONNECTIONS
ARE SHOWN ON
SEPARATE
WIRING DIAGRAM

HAND TRIMMER (when fitted)
REMOVE LINK ACROSS 1 & 2
 THE USE OF TWO CORE INSULATED
 SCREENED CABLE IS RECOMMENDED.
 CONNECT SCREEN TO AVE
 TERMINAL 2 ONLY.

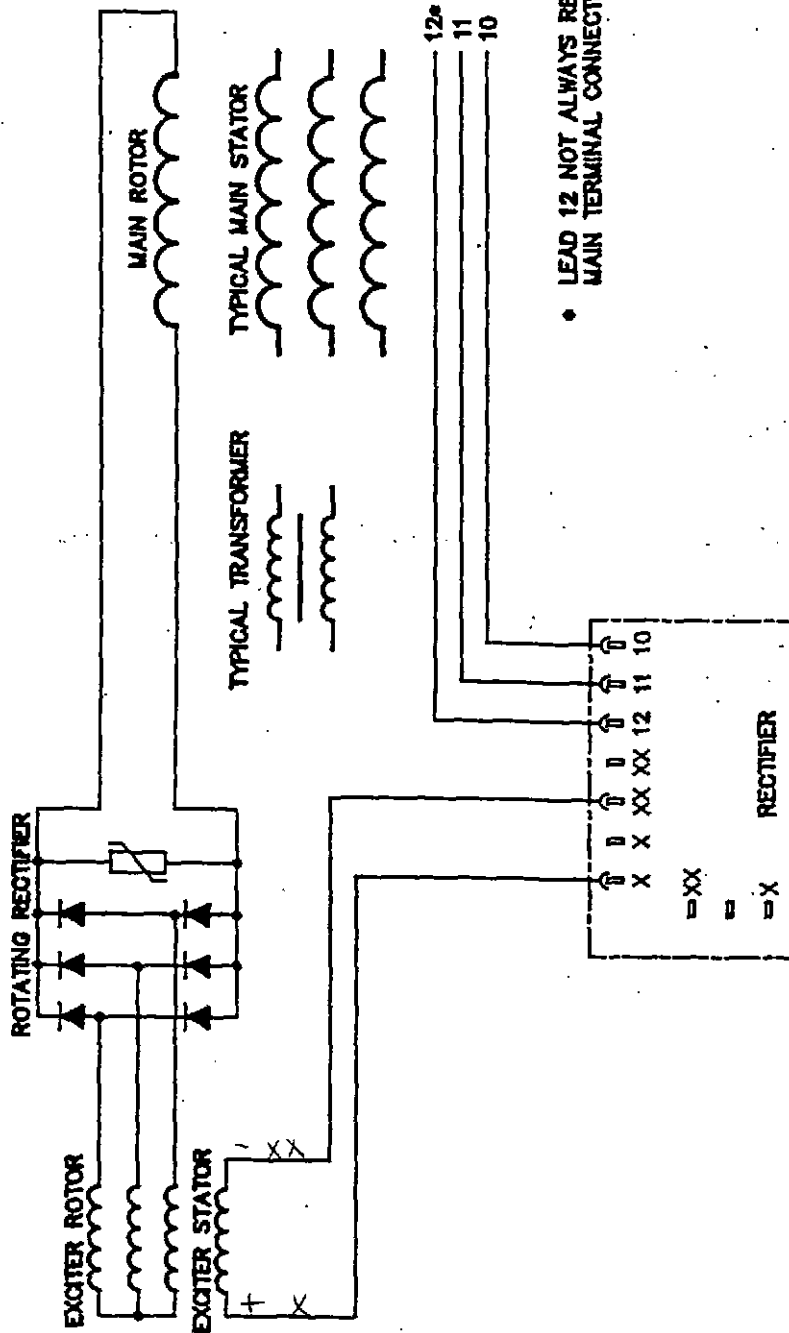
7/92/4	B	P.N.	06.3.90	ADDED DETAILS ABOUT LOW VOLTAGE
7/97/7	A	P.N.	28.11.86	ADDED NOTE ABOUT TRIMMER SCREWED CABLE
100.		ISS.	DRN.	DATE
				ALTERATION

DA6-1017

ISSUE
A

IF IN DOUBT-ASK

FIRST W.O.



WIRING DIAGRAM

CERTIFIED PRINT (ONLY IF SIGNED)	FRAME	OTHER FEATURES
BY	CONTROL	WITHOUT DIVERT RESISTOR
DATE	POLES	
	No. OF ENDS	
	SENSING	2/3 PHASE
	NEWAGE INTERNATIONAL Ltd	
	STAMFORD, ENGLAND	
DRAWN	P.N.	ISSUE
1ST ISS.	11:12:90	DA6-1017
		SHEET 1 OF 1 SHEETS

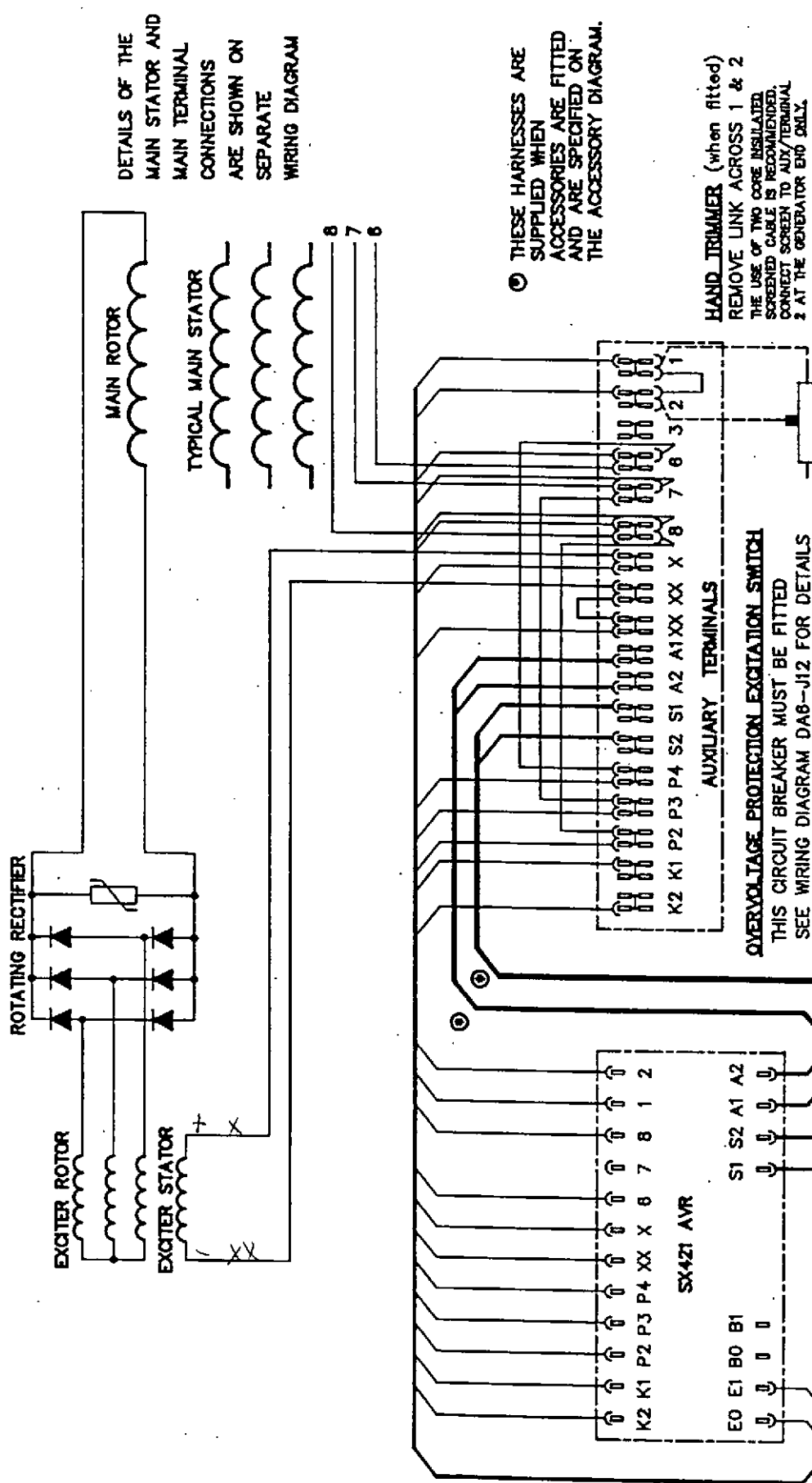
3/8848	A	P.N.	11:12:90	NEW RELEASE
MOD.	ISS.	DRN.	DATE	ALLOCATION

DA6-1040

ISSUE B

IF IN DOUBT-ASK

FIRST W.O.

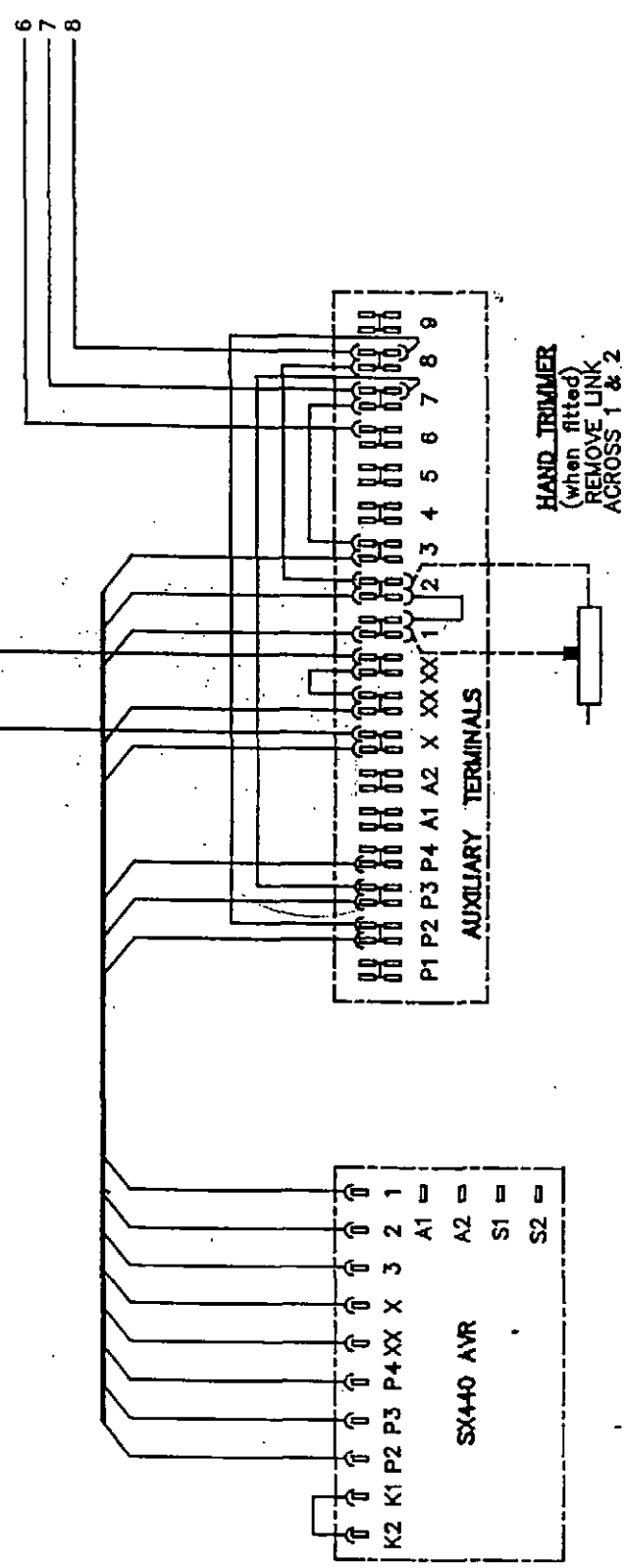
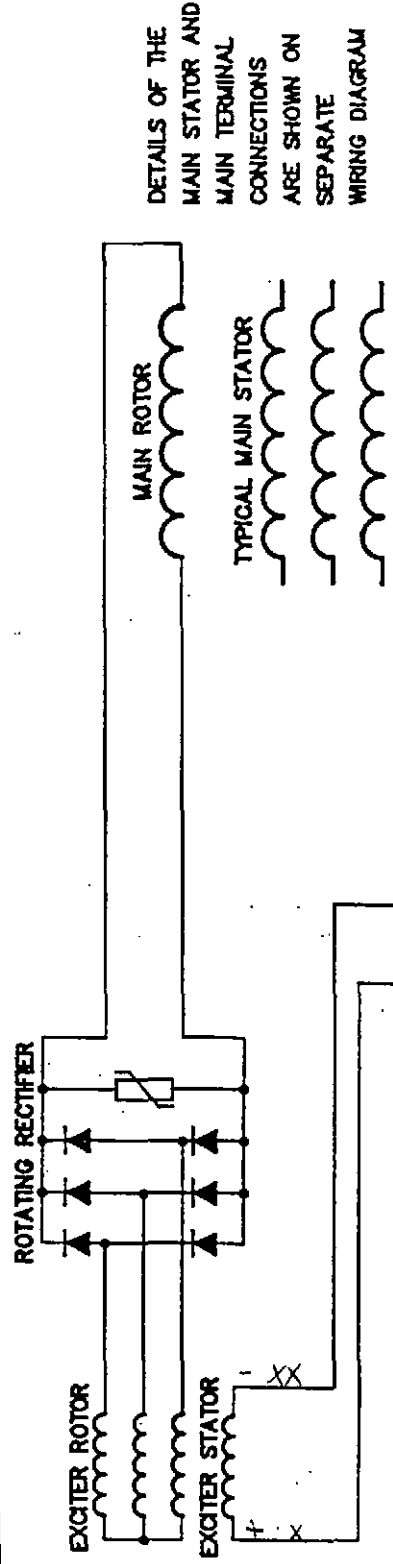


NOTE:- EO/E1 CONNECTIONS
EO TO 7 AND E1 TO 8

WIRING DIAGRAM

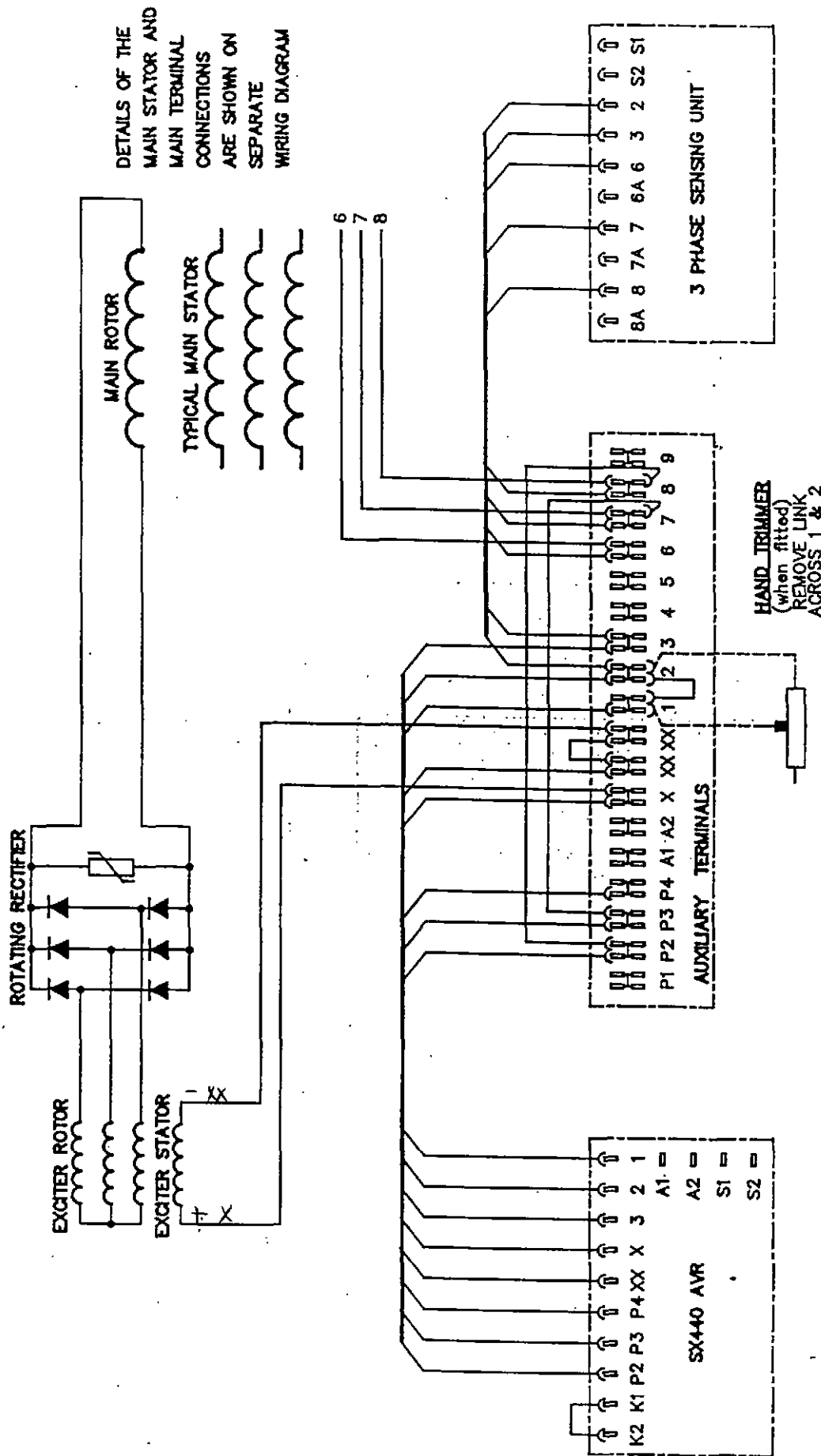
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(ONLY IF SIGNED)		CONTROL		SERIES SX421	
BY		POLES			
DATE		No. OF ENDS			
DRAWN P.N.		SENSING 3		PHASE	
1ST ISS. 1:10:91		NEWEAGE INTERNATIONAL Ltd		STAMFORD, ENGLAND	
3/7837 B		P.N. B 4.92		ADDED NOTE ABOUT CIRCUIT BREAKER AND REMOVED LINK K1 K2	
3/8830 A		P.N. 1:10:91		NEW RELEASE	
MOD.		DATE		ALTERATION	
DA6-1040		DA6-1040		ISSUE B	
SHEET 1 OF 1		SHEET 1 OF 1		SHEETS	

IF IN DOUBT-ASK



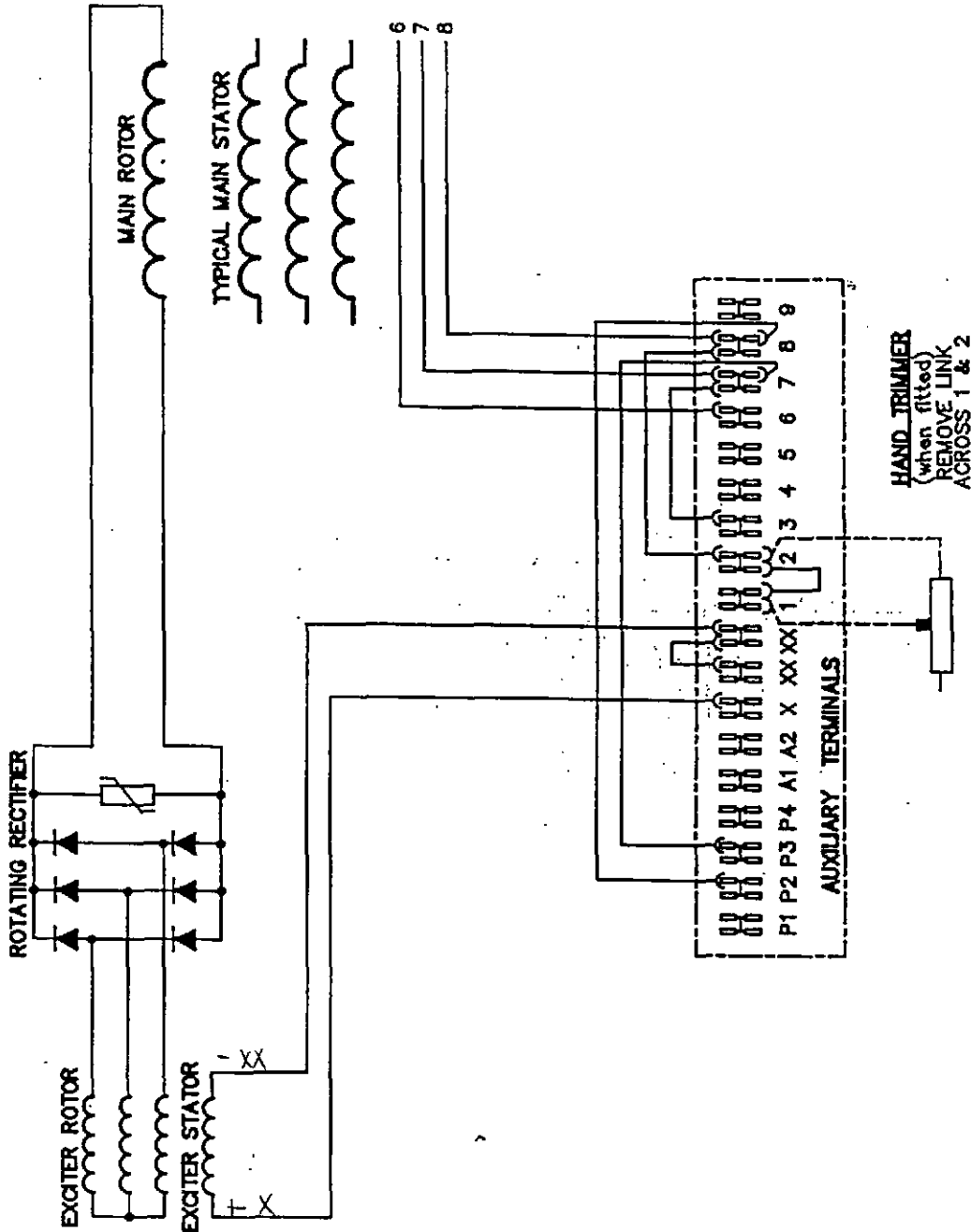
				WIRING DIAGRAM							
CERTIFIED PRINT				FRAME				OTHER FEATURES			
(ONLY IF SIGNED)				CONTROL				SERIES SX440			
BY				POLES				4/6			
DATE				No. OF ENDS							
				SENSING				2 PHASE			
DRAWN				P.N.				NEWAGE INTERNATIONAL Ltd			
1ST ISS.				30/11/88				STAMFORD, ENGLAND			
MOD.				ISS.				DATE			
ALTERNATION				DATE				SHEET 1 OF 1 SHEETS			

IF IN DOUBT-ASK



WIRING DIAGRAM	
CERTIFIED PRINT (ONLY IF SIGNED) BY	FRAME --- CONTROL SERIES SX440 POLES 4/6
DATE	No. OF ENDS ----- SENSING 3 PHASE
DRAWN	NEWAGE INTERNATIONAL Ltd
1ST ISS.	STAMFORD, ENGLAND
30-11-88	DA6-2007
	ISSUE
	SHEET 1 OF 1 SHEETS

MOD.	ISS.	ORAL	DATE	ALTERATION
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DETAILS OF THE
MAIN STATOR AND
MAIN TERMINAL
CONNECTIONS
ARE SHOWN ON
SEPARATE
WIRING DIAGRAM

				WIRING DIAGRAM			
CERTIFIED PRINT (ONLY IF SIGNED)		FRAME		-----		OTHER FEATURES	
BY		CONTROL		SERIES		NO. AVR	
DATE		POLES		4/6			
		No. OF ENDS		-----			
		SENSING		2		PHASE	
DRAWN		P.N.		NEWAGE INTERNATIONAL Ltd			
1ST ISS.		30/11/88		STAMFORD, ENGLAND			
				DA6--2008		ISSUE	
				SHEET 1 OF 1		SHEETS	

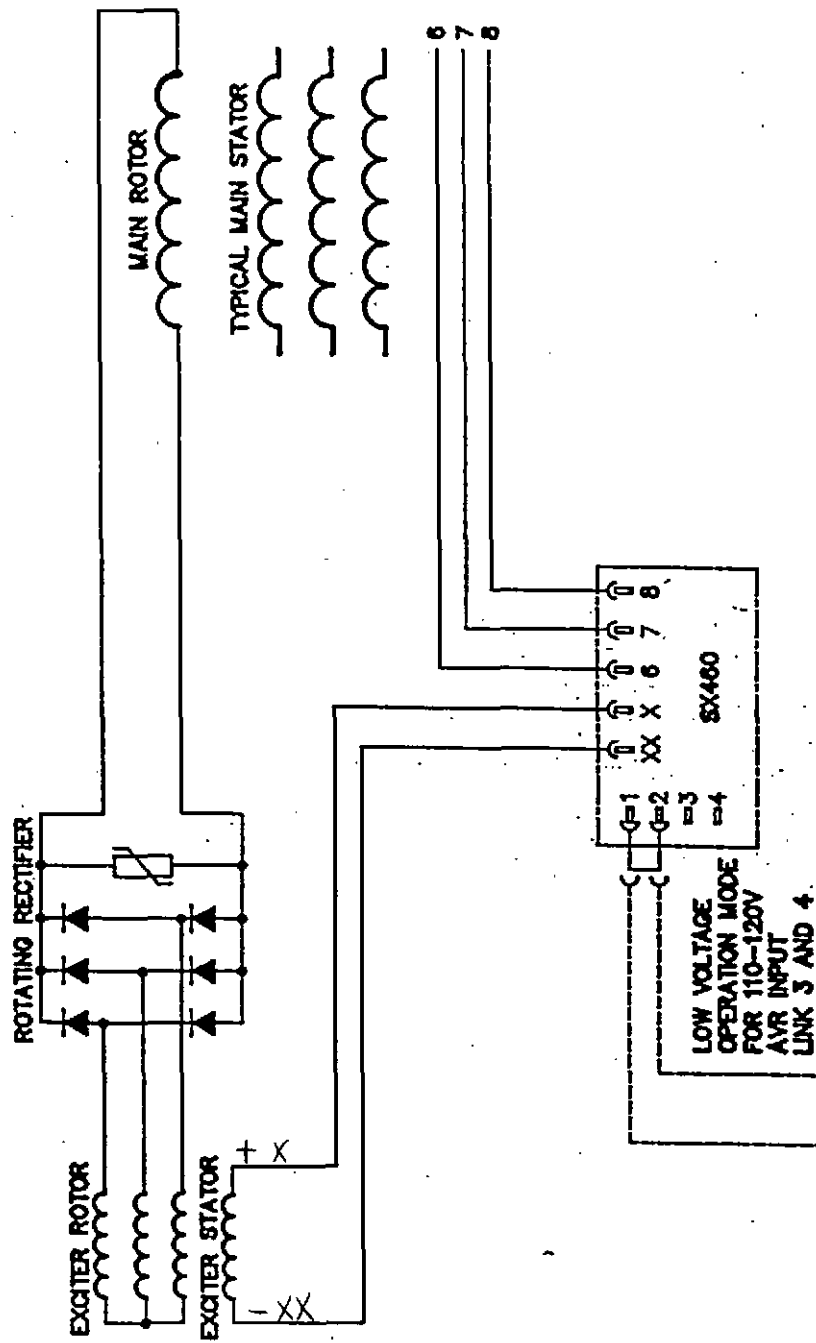
DA6-2013

ISSUE

A

IF IN DOUBT-ASK

FIRST W.O.



DETAILS OF THE
MAIN STATOR AND
MAIN TERMINAL
CONNECTIONS
ARE SHOWN ON
SEPARATE
WIRING DIAGRAM

HAND TRIMMER (when fitted)

REMOVE LINK ACROSS 1 & 2.
THE USE OF TWO CORE INSULATED
SCREENED CABLE IS RECOMMENDED.
CONNECT SCREEN TO AVR
TERMINAL 2 ONLY.

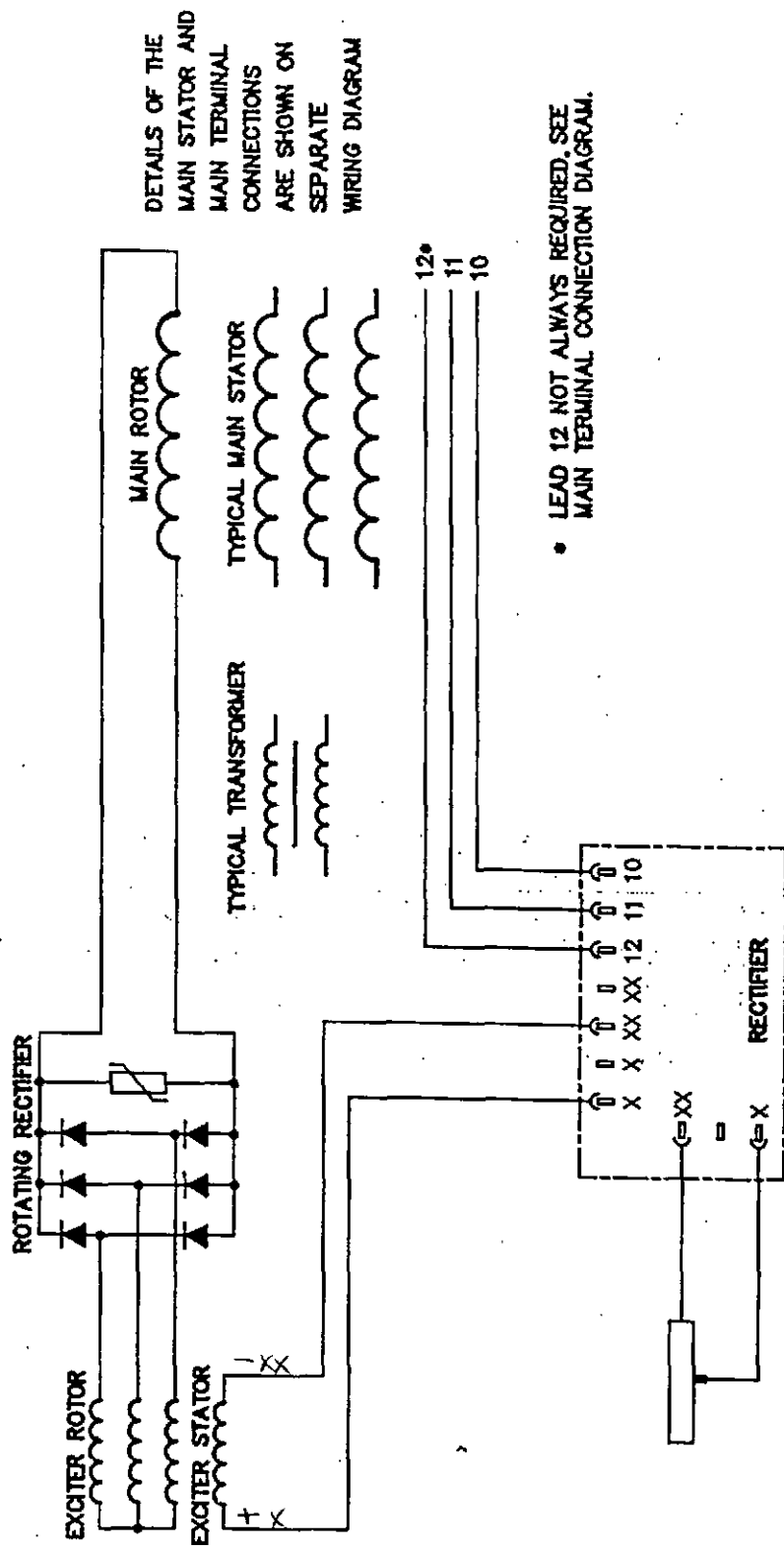
WIRING DIAGRAM

CERTIFIED PRINT	FRAME	OTHER FEATURES
(ONLY IF SIGNED)	---	
BY	CONTROL SERIES SX480	
DATE	POLES 4/6	
	No. OF ENDS	
	SENSING 2	PHASE
DRAWN P.N.	NEWAGE INTERNATIONAL Ltd	
1ST ISS. 1:12:88	STAMFORD, ENGLAND	

DA6-2013

SHEET 1 OF 1 SHEETS

IF IN DOUBT-ASK



WIRING DIAGRAM			
CERTIFIED PRINT	FRAME	---	OTHER FEATURES
(ONLY IF SIGNED)	CONTROL	SERIES 5	
BY	POLES		
DATE	No. OF ENDS	4/6	
	SENSING	2/3 PHASE	
DRAWN	P.N.	NEWAGE INTERNATIONAL Ltd	ISSUE
1ST ISS.	1:12:88	STAMFORD, ENGLAND	DA6-2014
SHEET	1 OF	1	SHEETS

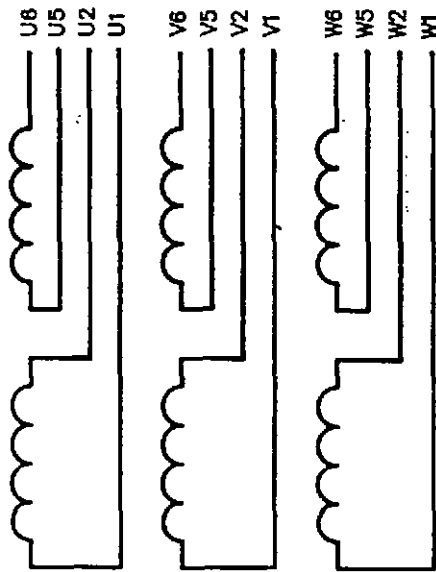
DA6-A01

ISSUE

IF IN DOUBT-ASK

FIRST W.O.

MAIN STATOR (12 ENDS)



MAIN TERMINAL CONNECTIONS

SERIES STAR 3PH 4W OUTPUT TERMINALS U.V.W.N.	SERIES DELTA 3PH 4W OUTPUT TERMINALS U.V.W.N.
3 PHASE SENSING EQUIPMENT MOVE LEAD 8 TO 8*	DOUBLE DELTA 1PH 3W OUTPUT TERMINALS U.V.W.N.
PARALLEL STAR 3PH 4W OUTPUT TERMINALS U.V.W.N.	3 PHASE SENSING EQUIPMENT CANNOT BE USED

WIRING DIAGRAM

CERTIFIED PRINT (ONLY IF SIGNED) BY	FRAME	CONTROL	SERIES	OTHER FEATURES
DATE	No. OF ENDS	POLES	4/6	
			12	
DRAWN	P.N.	SENSING	2/3 PHASE	ISSUE
1ST ISS	2:12:88	NEWAGE INTERNATIONAL Ltd	STAMFORD, ENGLAND	DA6-A01
				SHEET 1 OF 1 SHEETS

IF IN DOUBT-ASK

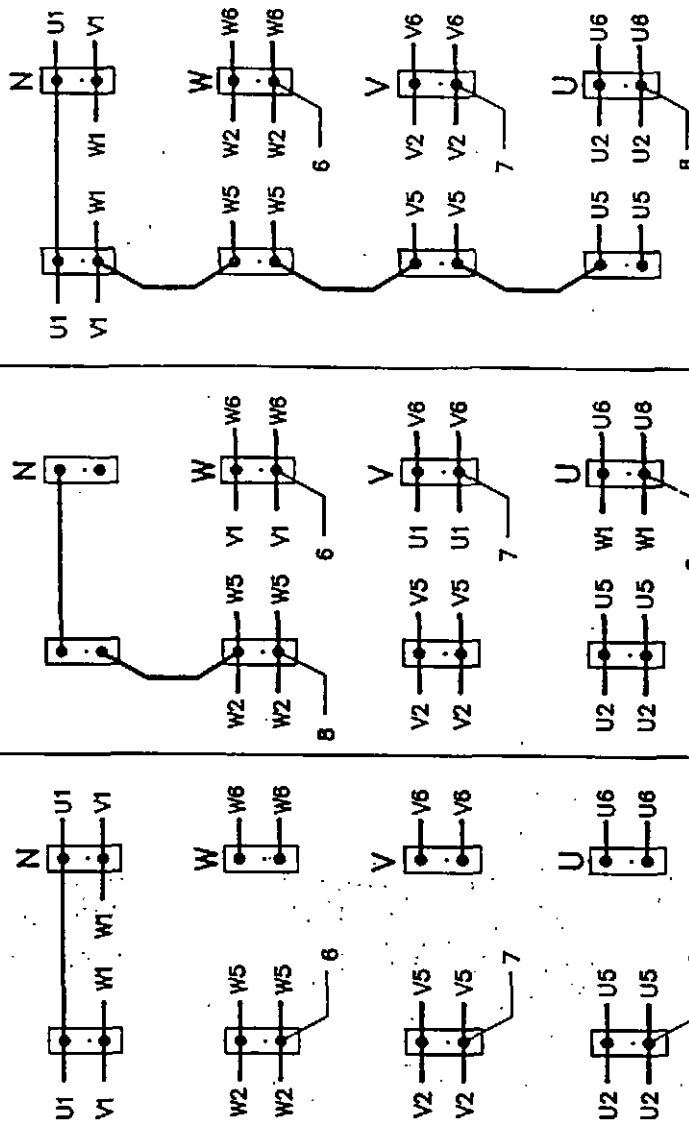
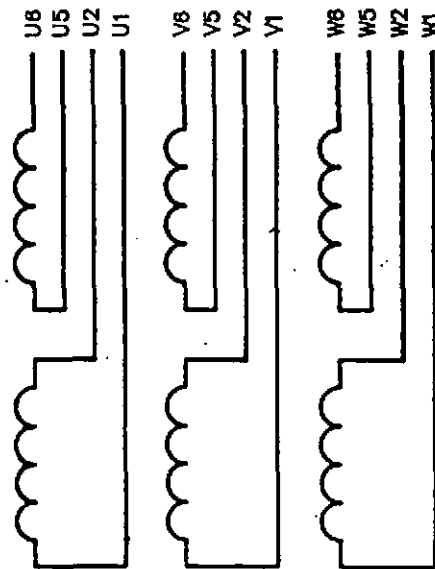
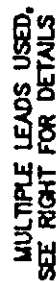
MAIN STATOR (12 ENDS)

MAIN TERMINAL CONNECTIONS

PARALLEL STAR 3PH 4W
OUTPUT TERMINALS U.V.W.N.

**SERIES DELTA 3PH 4W
OUTPUT TERMINALS U.V.W.N.**

SERIES STAR 3PH 4W
OUTPUT TERMINALS 11 V.W.N.



3. PHASE SENSING EQUIPMENT
MOVE LEAD 8 TO 80

WIRING DIAGRAM

CERTIFIED PRINT (ONLY IF SIGNED)	FRAME	---	OTHER FEATURES
BY	CONTROL	SERIES	24 LEADS
DATE	POLES	4/6	
	No. OF ENDS	12	
	SENSING	2/3	ISSUE
DRAWN	NEWAGE INTERNATIONAL Ltd		
P.N.	STAMFORD, ENGLAND		
1ST ISS	DA6-A05		
2-12-88	SHEET 1 OF 1 SHEETS		

NO.	ISS.	ORNL	DATE	ALTERATION
100,				