

THURNE

JUNIOR

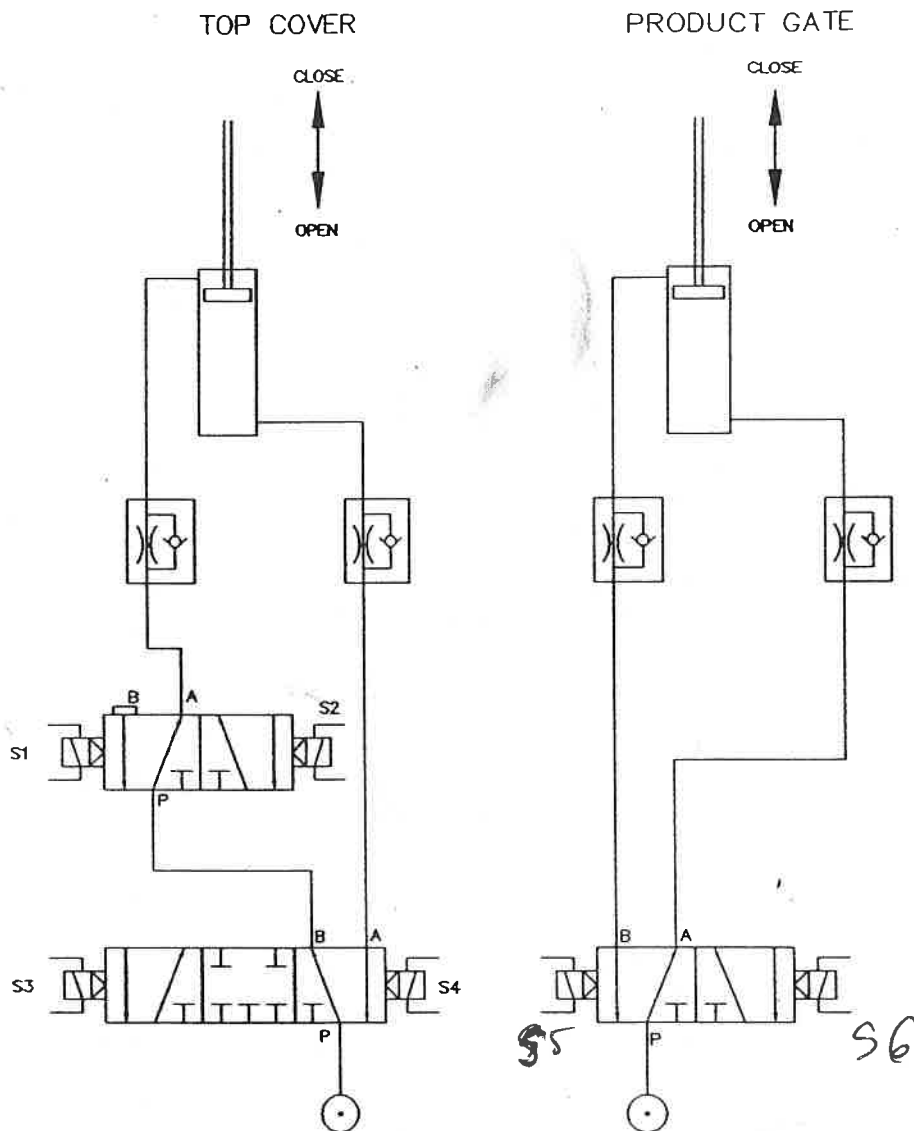
SECTION 9 - PNEUMATIC DIAGRAM



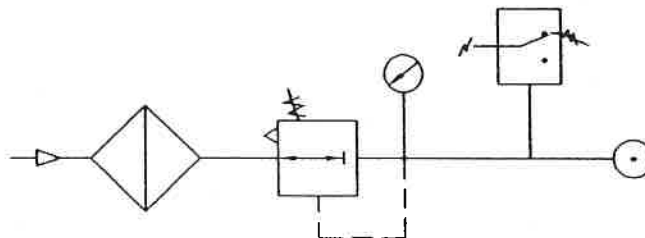
3rd ANGLE PROJECTION

DO NOT SCALE!

IF IN DOUBT ASK

TOP COVER SEQUENCE

S1+S4 COVER OPEN
S2+S4 COVER CLOSED(GRAVITY)
S2+S3 COVER LOCKED CLOSED

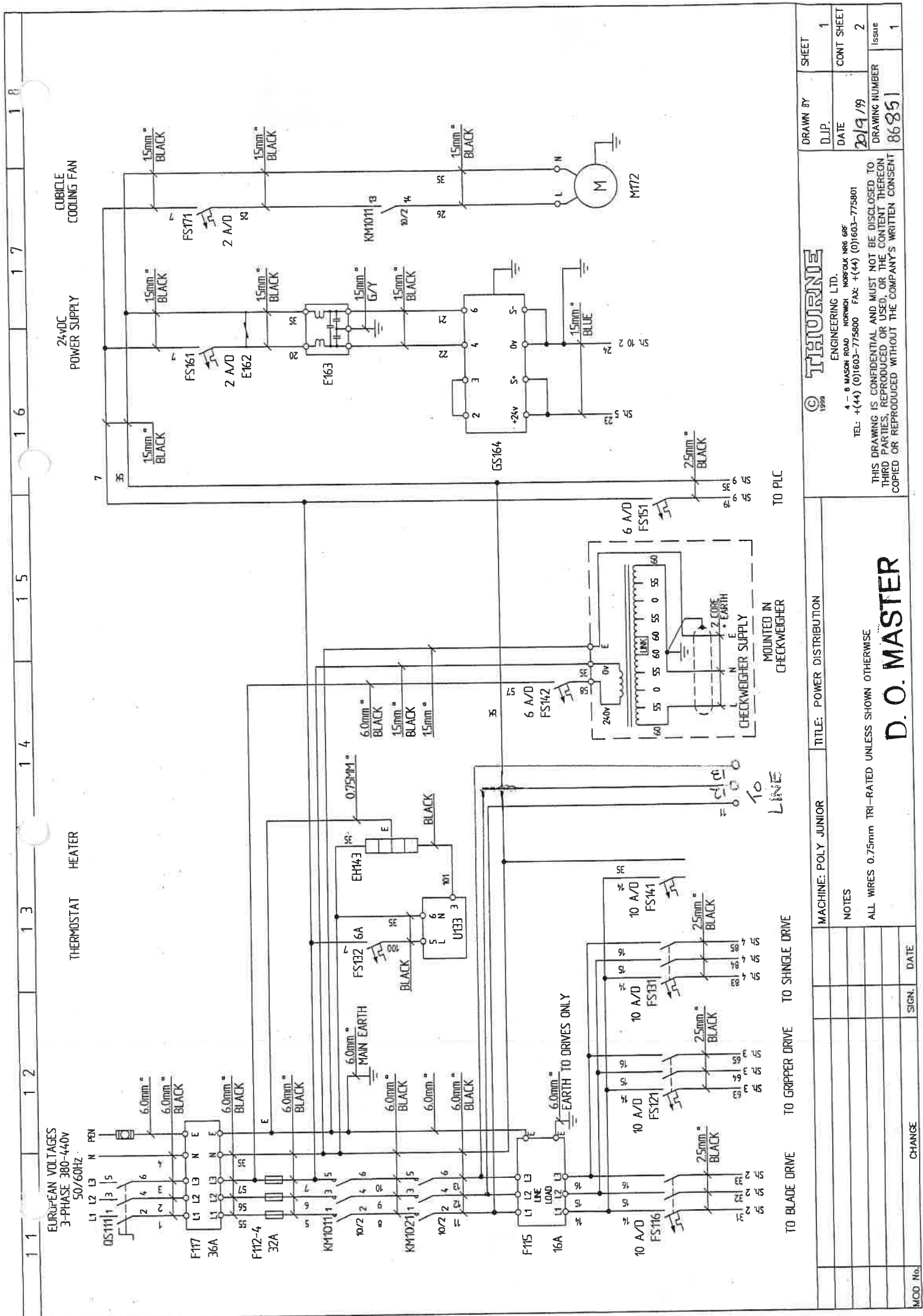


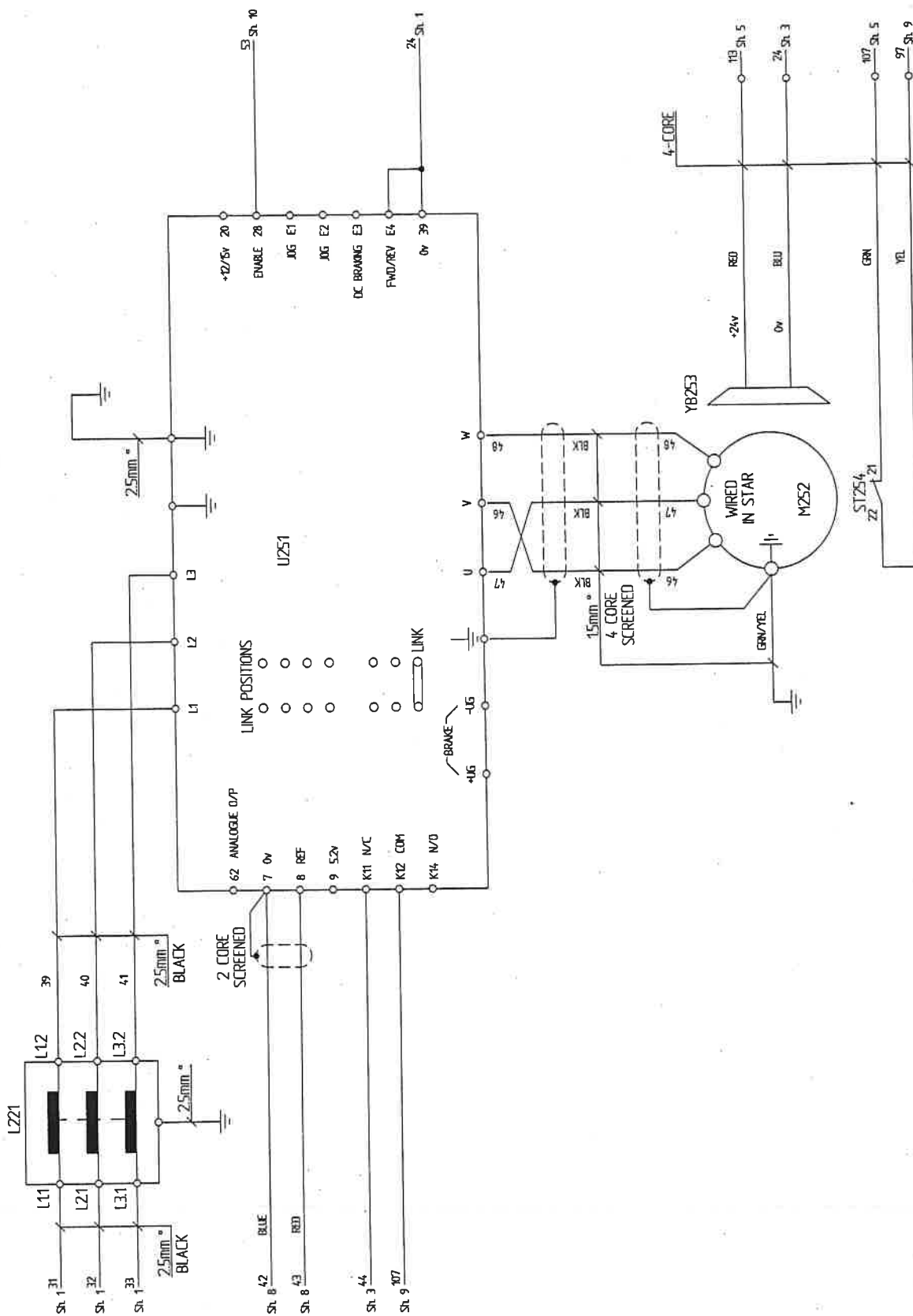
2	28.10.96	PIPING CHANGED		C.L.	—				
ISS.No.	DATE	CHANGE	DR.	CHANGE No	ITEM No	MATERIAL	DESCRIPTION		QTY.
PROTECTIVE FINISH			FOR UNSTATED TOLERANCES SEE THURNE MANUFACTURING DETAILS			THURNE ENGINEERING COMPANY LTD. DELTA CLOSE, NORWICH, NORFOLK NR8 6BG TEL 0603-410771 FAX 0603-487767			
SURFACE FINISH									
SCALE		DATE	THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE DISCLOSED TO THIRD PARTIES, REPRODUCED OR USED, OR THE CONTENT THEREON COPIED OR REPRODUCED WITHOUT THE COMPANY'S WRITTEN CONSENT.						
DRAWN BY		DIMENSIONS IN							
K.G.		3.3.95 mm	© THURNE ENGINEERING COMPANY LTD. 1985						
TITLE						A4		67993	ISSUE No 2
PNEUMATIC CIRCUIT									

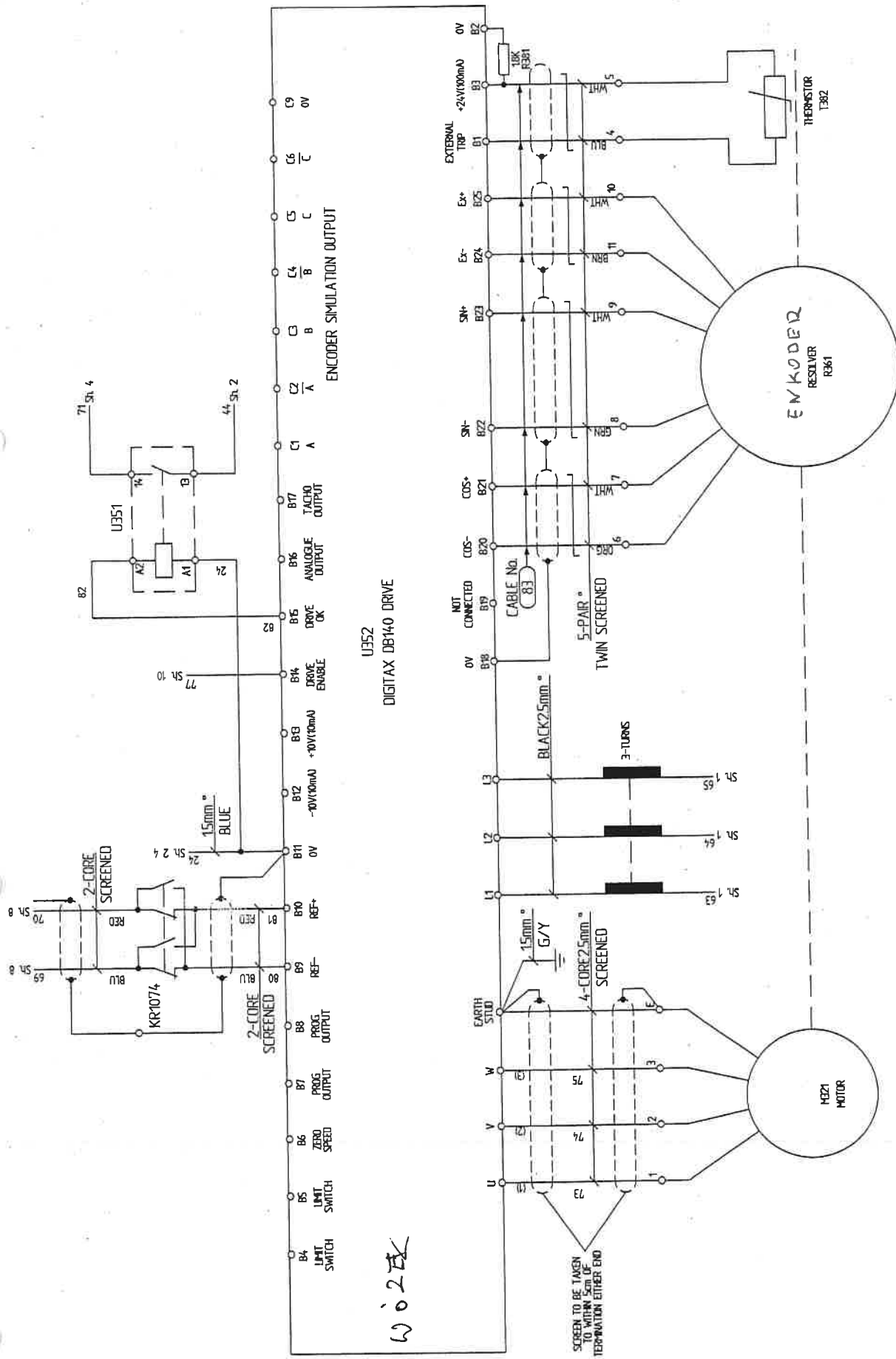
THURNE

JUNIOR

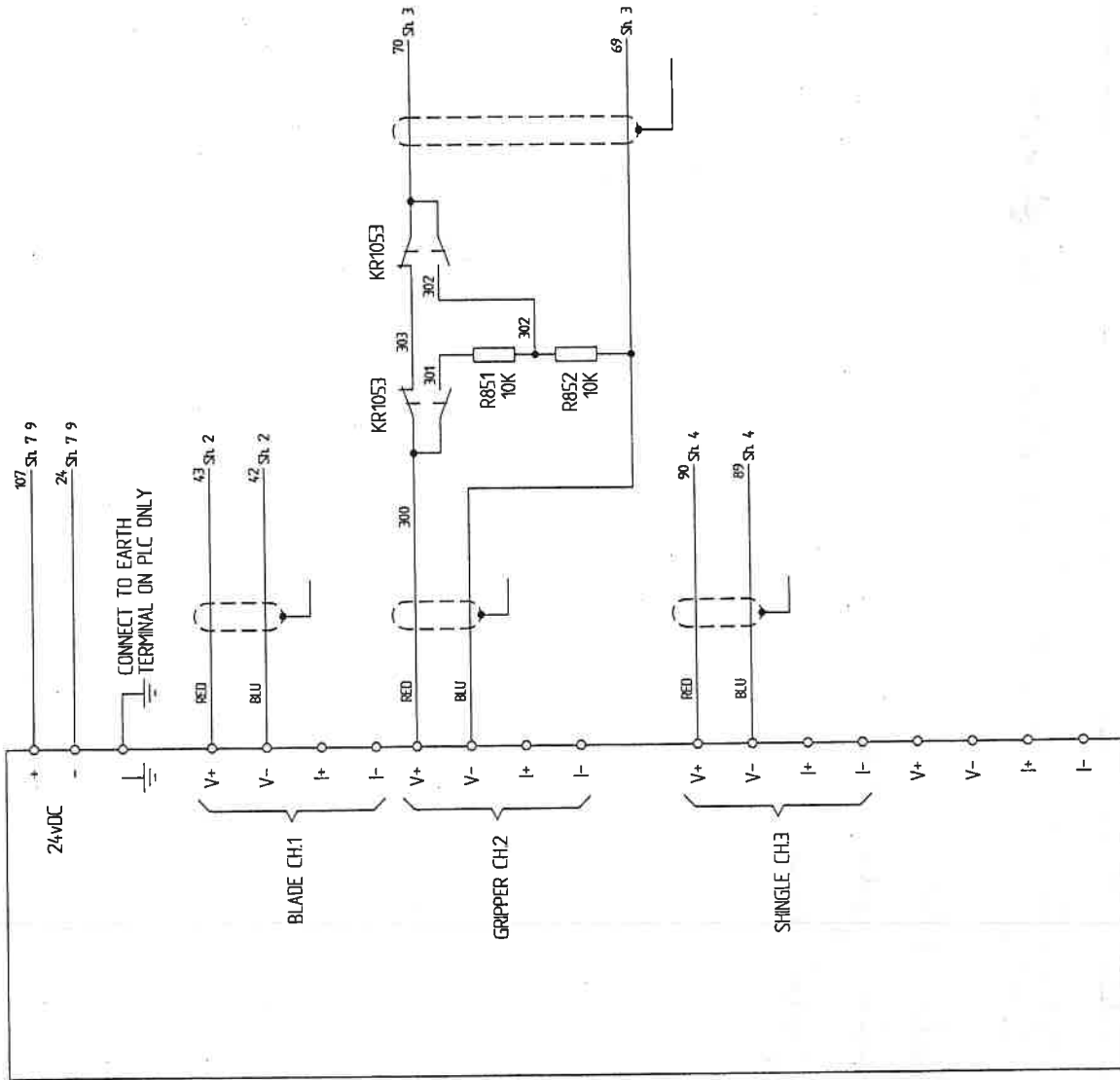
SECTION 10 - ELECTRICAL DIAGRAMS



[illegible]

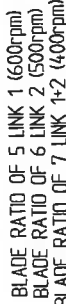
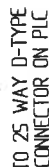
[illegible]

E821



MOD No.	CHANGE	SIGN.	DATE	MACHINE: POLY JUNIOR	TITLE: ANALOGUE OUTPUTS	© THURNE ENGINEERING LTD. 4 - 8 MASON ROAD NORWICH NORFOLK NR8 6RF TEL: +44 (0)1603-775800 FAX: +44 (0)1603-775801	DRAWN BY D.J.P.	SHEET 8
				NOTES		THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE DISCLOSED TO THIRD PARTIES. REPRODUCED OR USED, OR THE CONTENT THEREON COPIED OR REPRODUCED WITHOUT THE COMPANY'S WRITTEN CONSENT	DATE 22/9/99	CONT SHEET 9
				ALL WIRES 0.75mm TRI-RATED UNLESS SHOWN OTHERWISE			DRAWING NUMBER 86351	Issue 1

D.O. MASTER



TITLE: PLC INPUTS X0 - X27

MACHINE: POLY JUNIOR

NOTES

ALL WIRES 0.75mm TRI-RATED UNLESS SHOWN OTHERWISE

S SHOWN OTHERWISE
D. O. MASTER

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ENGINEERING LTD.

4 - 8 WASON ROAD NORWICH NORFOLK NR6 6RF
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DRAWN BY	SHEET
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DATE:

2000

DRAWING: N
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12078

15200

	Iron	Nitrogen	Change
1980-1984	1.7	1.6	-0.1
1985-1989	1.7	1.6	-0.1
1990-1994	1.7	1.6	-0.1
1995-1999	1.7	1.6	-0.1
2000-2004	1.7	1.6	-0.1
2005-2009	1.7	1.6	-0.1
2010-2014	1.7	1.6	-0.1
2015-2019	1.7	1.6	-0.1
2020-2024	1.7	1.6	-0.1
2025-2029	1.7	1.6	-0.1
2030-2034	1.7	1.6	-0.1
2035-2039	1.7	1.6	-0.1
2040-2044	1.7	1.6	-0.1
2045-2049	1.7	1.6	-0.1
2050-2054	1.7	1.6	-0.1
2055-2059	1.7	1.6	-0.1
2060-2064	1.7	1.6	-0.1
2065-2069	1.7	1.6	-0.1
2070-2074	1.7	1.6	-0.1
2075-2079	1.7	1.6	-0.1
2080-2084	1.7	1.6	-0.1
2085-2089	1.7	1.6	-0.1
2090-2094	1.7	1.6	-0.1
2095-2099	1.7	1.6	-0.1
2100-2104	1.7	1.6	-0.1
2105-2109	1.7	1.6	-0.1
2110-2114	1.7	1.6	-0.1
2115-2119	1.7	1.6	-0.1
2120-2124	1.7	1.6	-0.1
2125-2129	1.7	1.6	-0.1
2130-2134	1.7	1.6	-0.1
2135-2139	1.7	1.6	-0.1
2140-2144	1.7	1.6	-0.1
2145-2149	1.7	1.6	-0.1
2150-2154	1.7	1.6	-0.1
2155-2159	1.7	1.6	-0.1
2160-2164	1.7	1.6	-0.1
2165-2169	1.7	1.6	-0.1
2170-2174	1.7	1.6	-0.1
2175-2179	1.7	1.6	-0.1
2180-2184	1.7	1.6	-0.1
2185-2189	1.7	1.6	-0.1
2190-2194	1.7	1.6	-0.1
2195-2199	1.7	1.6	-0.1
2200-2204	1.7	1.6	-0.1
2205-2209	1.7	1.6	-0.1
2210-2214	1.7	1.6	-0.1
2215-2219	1.7	1.6	-0.1
2220-2224	1.7	1.6	-0.1
2225-2229	1.7	1.6	-0.1
2230-2234	1.7	1.6	-0.1
2235-2239	1.7	1.6	-0.1
2240-2244	1.7	1.6	-0.1
2245-2249	1.7	1.6	-0.1
2250-2254	1.7	1.6	-0.1
2255-2259	1.7	1.6	-0.1
2260-2264	1.7	1.6	-0.1
2265-2269	1.7	1.6	-0.1
2270-2274	1.7	1.6	-0.1
2275-2279	1.7	1.6	-0.1
2280-2284	1.7	1.6	-0.1
2285-2289	1.7	1.6	-0.1
2290-2294	1.7	1.6	-0.1
2295-2299	1.7	1.6	-0.1
2300-2304	1.7	1.6	-0.1
2305-2309	1.7	1.6	-0.1
2310-2314	1.7	1.6	-0.1
2315-2319	1.7	1.6	-0.1
2320-2324	1.7	1.6	-0.1
2325-2329	1.7	1.6	-0.1
2330-2334	1.7	1.6	-0.1
2335-2339	1.7	1.6	-0.1
2340-2344	1.7	1.6	-0.1
2345-2349	1.7	1.6	-0.1
2350-2354	1.7	1.6	-0.1
2355-2359	1.7	1.6	-0.1
2360-2364	1.7	1.6	-0.1
2365-2369	1.7	1.6	-0.1
2370-2374	1.7	1.6	-0.1
2375-2379	1.7	1.6	-0.1
2380-2384	1.7	1.6	-0.1
2385-2389	1.7	1.6	-0.1
2390-2394	1.7	1.6	-0.1
2395-2399	1.7	1.6	-0.1
2400-2404	1.7	1.6	-0.1
2405-2409	1.7	1.6	-0.1
2410-2414	1.7	1.6	-0.1
2415-2419	1.7	1.6	-0.1
2420-2424	1.7	1.6	-0.1
2425-2429	1.7	1.6	-0.1
2430-2434	1.7	1.6	-0.1
2435-2439	1.7	1.6	-0.1

SIGN.	DATE
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SIGN:

CHANGE

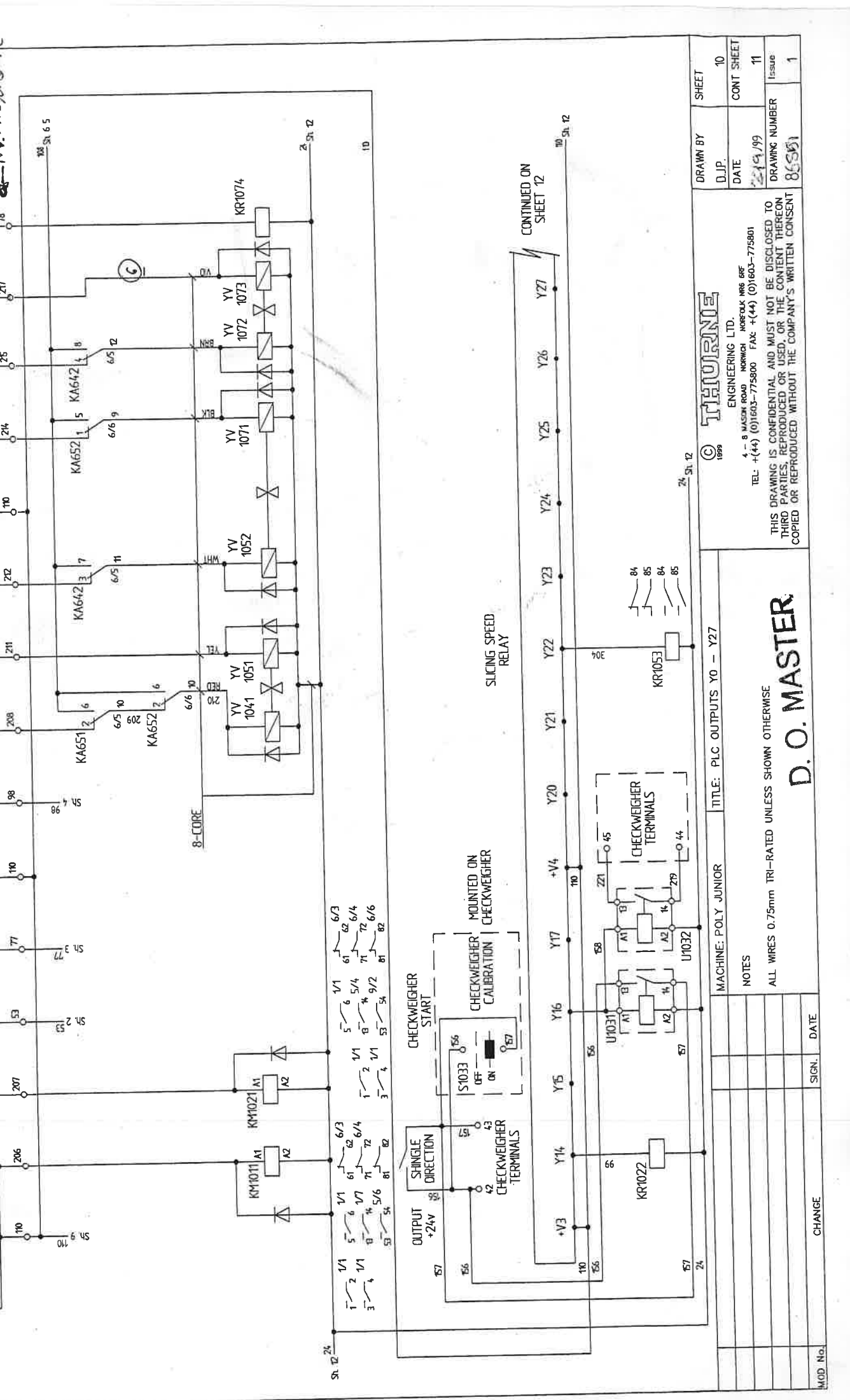
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2-ALIKENIEN

101 102 103 104 105 106 107 108

101	102	103	104	105	106	107	108
MAIN POWER CONTACTOR	MAIN POWER CONTACTOR	BLADE ENABLE	GRIPPER ENABLE	JPUT +24V	SHINGLE ENABLE	LD UP S4	LD DOWN S3
						LD HIGH PRESSURE S1	LD LOW PRESSURE S2
						SLIDE GATE OPEN S5	SLIDE GATE CLOSED S6
						GRIPPER DIRECTION	

101 102 103 104 105 106 107 108

101	102	103	104	105	106	107	108
MAIN POWER CONTACTOR	MAIN POWER CONTACTOR	BLADE ENABLE	GRIPPER ENABLE	JPUT +24V	SHINGLE ENABLE	LD UP S4	LD DOWN S3
						LD HIGH PRESSURE S1	LD LOW PRESSURE S2
						SLIDE GATE OPEN S5	SLIDE GATE CLOSED S6
						GRIPPER DIRECTION	



MOD No.	CHANGE	SIGN.	DATE

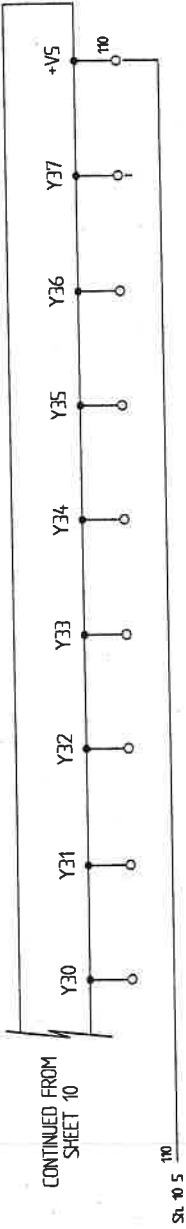
TITLE: PLC OUTPUTS Y0 - Y27	
MACHINE: POLY JUNIOR	NOTES
ALL WIRES 0.75mm TRI-RATED UNLESS SHOWN OTHERWISE	

THORNE	
ENGINEERING LTD.	4 - 8 MASON ROAD NORTON N66 6RF
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DRAWN BY	SHEET
D.J.P.	10
DATE	CONT SHEET
22/9/99	11
DRAWING NUMBER	Issue
86551	1

111	112	113	114	115	116	117	118
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CONTINUED FROM
SHEET 9

MOD No.								
							CHANGE	
							SIGN.	DATE
	MACHINE: POLY JUNIOR NOTES ALL WIRES 0.75mm TRI-RATED UNLESS SHOWN OTHERWISE							TITLE: PLC INPUTS X30 - X37
© THURNE ENGINEERING LTD. 4 - 8 MASON ROAD NORWICH NORFOLK NR5 6RF TEL: +{(44) (0)1603-775800 FAX: +{(44) (0)1603-775801 THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE DISCLOSED TO THIRD PARTIES, REPRODUCED OR USED, OR THE CONTENT THEREON COPIED OR REPRODUCED WITHOUT THE COMPANY'S WRITTEN CONSENT								
DRAWN BY							SHEET	
D.J.P.							11	
DATE							CONT SHEET	
20/9/99							12	
DRAWING NUMBER							Issue	
8695							1	



MOD No.	CHANGE	SIGN.	DATE	MACHINE: POLY JUNIOR	TITLE: PLC OUTPUTS Y30 - Y37	ENGINEERING LTD. 4 - B MASON ROAD NORWICH NORFOLK NR6 6RF TEL: +(44) (0)1603-775800 FAX: +(44) (0)1603-775801 THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE DISCLOSED TO THIRD PARTIES, REPRODUCED OR USED, OR THE CONTENT THEREON COPIED OR REPRODUCED WITHOUT THE COMPANY'S WRITTEN CONSENT	DRAWN BY D.J.P.	SHEET 12
				NOTES			DATE 20/9/99	CONT SHEET 13
				ALL WIRES 0.75mm TRI-RATED UNLESS SHOWN OTHERWISE			DRAWING NUMBER 86851	Issue 1

D. O. MASTER

131	132	133	134	135	136	137	138
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PARAMETER	TYPE	DESCRIPTION	VALUE
1	R/W	OPERATING MODE	0
2	R/W	PARAMETER SET	0
4	R/W	SWITCH ON DISPLAY	0
7	R/W	TERMINAL CONFIGURATION	0
8	R/W	RELAY FUNCTION	1
9	R/W	CONTROLLER ADDRESS	0
10	R/W	MIN FIELD FREQUENCY	50.7
11	R/W	MAX FIELD FREQUENCY	10.0
12	R/W	ACCELERATION TIME	10.0
13	R/W	DECELERATION TIME	2
14	R/W	CONTROL MODE	2
15	R/W	V/F RATED FREQUENCY	50
16	R/W	V/min SETTING	20
17	R/W	THRESHOLD Q/min	0
18	R/W	CHOPPER FREQUENCY	1
21	R/W	SLIP COMPENSATOR	1
22	R/W	Imax LIMIT (MOTOR MODE)	150
23	R/W	Imax LIMIT (GENERATION MODE)	80
34	R/W	MASTER CURRENT	0
36	R/W	VOLTAGE FOR DC INJECTION BRAKE	5.50
37	R/W	JOG 1 VALUE	20
38	R/W	JOG 2 VALUE	30
39	R/W	JOG 3 VALUE	40
50	R/O	OUTPUT FREQUENCY	DISPLAY
52	R/O	MOTOR VOLTAGE	DISPLAY
54	R/O	MOTOR CURRENT	DISPLAY
56	R/O	INVERTER LOAD	DISPLAY
61	R/O	HEATSINK TEMPERATURE	7.5
88	R/W	RATED MOTOR CURRENT	50
89	R/W	RATED MOTOR FREQUENCY	0.80
91	R/W	MOTOR COS 0	8.202
93	R/O	INVERTER TYPE	DISPLAY
99	R/O	SOFTWARE VERSION	0
105	R/W	DECELERATION TIME FOR QUICK STOP	0.02
106	R/W	HOLDING TIME FOR AUTOMATIC DC INJECTION BRAKE	128
108	R/W	GAIN FOR C11	0
111	R/W	MONITOR SIGNAL	DISPLAY
120	R/O	I/T SURVALLANCE	0
125	R/W	BAUD RATE	1
142	R/W	START OPTIONS	1
144	R/W	CHOPPER FREQUENCY REDUCTIONS	DISPLAY
161	R/O	PRESENT FAULT	DISPLAY
162	R/O	PREVIOUS FAULT	DISPLAY
163	R/O	LAST BUT ONE FAULT	DISPLAY
164	R/O	LAST BUT TWO FAULT	0
170	R/W	SELECTION OF TRIP RESET	0
171	R/W	DELAY FOR AUTO TRIP RESET	0
178	R/O	OPERATING TIME	DISPLAY
179	R/O	RUNNING TIME	DISPLAY

MACHINE: POLY JUNIOR	TITLE: BLADE PARAMETERS	© THURNE ENGINEERING LTD. 4 - 8 MASON ROAD NORMICH NORMOLK NR6 6BF TEL: +(44) (0)1603-775800 FAX: +(44) (0)1603-775801	DRAWN BY D.J.P.	SHEET 13
NOTES ALL WIRES 0.75mm TRI-RATED UNLESS SHOWN OTHERWISE			DATE 20/9/99	CONT SHEET 14
			DRAWING NUMBER 86851	Issue 1

MOD No.	CHANGE	SIGN.	DATE
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141	142	143	144	145	146	147	148
GRIPPER DRIVE DB140 V3.00 4.00 SETTING							
ITEM		DESCRIPTION		DEFAULT	SETTING		
P00	DIGITAL SPEED	0	0	0	0		
P01	DIGITAL SPEED	0	0	0	0		
P02	DIGITAL SPEED	0	0	0	0		
P03	DIGITAL SPEED	0	0	0	0		
P05	AUTO STOP FUNCTION	0	0	0	0		
P06	ANALOGUE REFERENCE INPUT OFFSET	0	0	0	0		
P07	DIGITAL CURRENT REFERENCE	0	0	0	0		
P08	DIGITAL CURRENT REFERENCE	0	0	0	0		
P09	FORWARD ACCELERATION RAMP	200	200	200	200		
P10	REVERSE ACCELERATION RAMP	200	200	200	200		
P11	FORWARD DECELERATION RAMP	200	200	200	200		
P12	REVERSE DECELERATION RAMP	200	200	200	200		
P13	SYSTEM PROPORTIONAL GAIN (TP)	40	40	40	40		
P14	SYSTEM DERIVATIVE GAIN	70	70	70	70		
P15	SYSTEM INTEGRAL GAIN	25	25	25	25		
P16	RESOLVER PHASING	0	0	0	0		
P19	DIGITAL REFERENCE SCAN TIME	10	10	10	10		
P20	DIGITAL REFERENCE SELECTION OR MOTORIZED POT	0	0	0	0		
P21	DIGITAL SELECTOR ENABLE	0	0	0	0		
P22	DRIVE ADDRESS	1	1	1	1		
P23	BAUD RATE	9600	9600	9600	9600		
P25	SECURITY CODE	0	0	0	0		
P27	ORIENTATION POSITION	0	0	0	0		
P30	OUTPUT PARAMETER SELECTION	0	0	0	0		
P31	OUTPUT PARAMETER SELECTION	1	1	1	1		
P37	INTEGRAL GAIN FOR POSITION LOOP	255	255	255	255		
P42	MAX CURRENT GAIN	100	100	100	100		
P45	NOMINAL CURRENT	50	50	50	50		
P54	SPEED REFERENCE DURING ORIENTATION	750	750	750	750		
P55	MOTOR THERMAL CONSTANT	2	2	2	2		
P56	"AT SPEED" LOW LIMIT	-5	-5	-5	-5		
P57	"AT SPEED" HIGH LIMIT	5	5	5	5		
P58	MAX SPEED	3200	3200	3200	3200		
P68	ENCODER RESOLUTION	1	1	1	1		
P70	POSITION LOOP SCALING	4	4	4	4		
P95	POLES NUMBER SELECTOR	6	6	6	6		
P99	FULL SCALE SPEED	3000	3000	3000	3000/2200		
B00	SECURITY CODE CHANGE ENABLE	0	0	0	0		
B01	RECALL LAST PARAMETER SETTINGS	0	0	0	0		
B02	S/W DRIVE ENABLE	1	1	1	1		
B03	ALARM RESET	0	0	0	0		
B05	DEFAULT TABLE RECALL	0	0	0	0		
B06	CURRENT REFERENCE SOURCE SELECTION	0	0	0	0		
B07	RAMPS ENABLE	0	0	0	0		
B08	CURRENT LOOP INPUT SELECTION	0	0	0	0		
B11	EXTERNAL CURRENT LIMIT ENABLE	0	0	0	0		
B12	ANALOGUE OUTPUT SELECTION	1	1	1	1		
B13	TPRC SIGNAL TO TERMINAL 16	0	0	0	0		
B14	ANALOGUE REFERENCE SELECTOR	1	1	1	1		
B15	FREQUENCY SPEED/POSITION REFERENCE	0	0	0	0		
B16	DIGITAL INPUTS FUNCTION SELECTION	1	1	1	1		
B17	SPEED REFERENCE INPUT SELECTION	0	0	0	0		
B18	HOLD ZERO SPEED OR ORIENTATION SELECTION	0	0	0	0		
B21	BCC ENABLE	1	1	1	1		
B22	ZERO SPEED FUNCTION RAMP	0	0	0	0		
B23	RAMPS ON LIMIT SWITCHES ENABLE	0	0	0	0		
B49	RESOLVER PHASING	0	0	0	0		
B50	DISPLAY RETURN FUNCTION	0	0	0	0		
B51	SERIAL DATA FORMAT	0	0	0	0		
B52	ANSI MODE	0	0	0	0		
B53	INPUT TERMINAL 6 FUNCTION	1	1	1	1		
B56	EXTERNAL TRIP ENABLE	1	1	1	1		
B88	INVERT POLARITY OF STOP INPUT	1	1	1	1		
B96	"AT SPEED" RELATIVE/ABSOLUTE	1	1	1	1		
B99	SAVE EEPROM PARAMETERS	0	0	0	0		
FULL SCALE ADJUST POTENTIOMETER							
WHEN MACHINE RUNNING							
SET LOAD							
SPEED = 2000							
SET DIGTAX							
DRIVE TO 2377 RPM							
WHEN RUNNING AT							
LOAD SPEED							
AT SLICING SPEED							
WITH BLADE 250							
SLEE THICKNESS 10mm							
DRIVE RPM=31/32							
FOR CHECKWEIGHER FEEDBACK							
OPTION SET P-99 TO 1400							
FOR CHECKWEIGHER FEEDBACK							
OPTION SET P-58 TO 1600							
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DRIVE FUNCTION	DRIVE TYPE	SOFTWARE VERSION	ITEM	DESCRIPTION	DEFAULT	SETTING
SHINGLE	DB140	V3.00 +V4.00	P-00	DIGITAL SPEED	0	0
			P-01	DIGITAL SPEED	0	0
			P-02	DIGITAL SPEED	0	0
			P-03	DIGITAL SPEED	0	0
			P-05	AUTO STOP FUNCTION	0	3
			P-06	ANALOGUE REFERENCE INPUT OFFSET	0	0
			P-07	DIGITAL CURRENT REFERENCE	0	0
			P-08	DIGITAL CURRENT REFERENCE	0	1
			P-09	FORWARD ACCELERATION RAMP	200	40
			P-10	REVERSE ACCELERATION RAMP	200	40
			P-11	FORWARD DECELERATION RAMP	200	40
			P-12	REVERSE DECELERATION RAMP	200	40
			P-13	SYSTEM PROPORTIONAL GAIN (IP)	10	25
			P-14	SYSTEM DERIVATIVE GAIN	10	80
			P-15	SYSTEM INTEGRAL GAIN	25	10
			P-16	RESOLVER PHASING	0	0
			P-17	DIGITAL REFERENCE SCAN TIME	10	10
			P-20	DIGITAL REFERENCE SELECTION OR MOTORISED POT	0	0
			P-21	DIGITAL SELECTOR ENABLE	0	0
			P-22	DRIVE ADDRESS	1	1
			P-23	BAUD RATE	9600	9600
			P-25	SECURITY CODE	0	0
			P-27	ORIENTATION POSITION	0	0
			P-30	OUTPUT PARAMETER SELECTION	0	0
			P-31	OUTPUT PARAMETER SELECTION	1	1
			P-37	INTEGRAL GAIN FOR POSITION LOOP	255	128
			P-42	MAX CURRENT GAIN	100	100
			P-45	NOMINAL CURRENT	50	50
			P-54	SPEED REFERENCE DURING ORIENTATION	150	150
			P-55	MOTOR THERMAL CONSTANT	2	2
			P-56	*AT SPEED* LOW LIMIT	-5	-5
			P-57	*AT SPEED* HIGH LIMIT	5	5
			P-58	MAX SPEED	3200	1350
			P-68	ENCODER RESOLUTION	1	1
			P-70	POSITION LOOP SCALING	4	4
			P-95	POLES NUMBER SELECTION	6	6
			P-99	FULL SCALE SPEED	3000	1400
			P00	SECURITY CODE CHANGE ENABLE	0	0
			P01	RECALL LAST PARAMETER SETTINGS	0	0
			P02	S/W DRIVE ENABLE	1	1
			P03	ALARM RESET	0	0
			P05	DEFAULT TABLE RECALL	0	0
			P06	CURRENT REFERENCE SOURCE SELECTION	0	0
			P07	RAMPs ENABLE	0	1
			P08	CURRENT LOOP INPUT SELECTION	0	0
			P11	EXTERNAL CURRENT LIMIT ENABLE	0	0
			P12	ANALOGUE OUTPUT SELECTION	1	0
			P13	TFRQ SIGNAL TO TERMINAL %	1	0
			P14	ANALOGUE REFERENCE SELECTION	1	0
			P15	FREQUENCY SPEED/POSITION REFERENCE	0	0
			P16	DIGITAL INPUTS FUNCTION SELECTION	1	0
			P17	SPEED REFERENCE INPUT SELECTION	0	0
			P18	HOLD ZERO SPEED OR ORIENTATION SELECTION	0	0
			P21	BRC ENABLE	1	1
			P22	ZERO SPEED FUNCTION RAMPs	0	1
			P23	RAMPs ON LIMIT SWITCHES ENABLE	0	1
			P49	RESOLVER PHASING	0	0
			P50	DISPLAY RETURN FUNCTION	0	1
			P51	SERIAL DATA FORMAT	0	0
			P52	ANXI MODE	0	0
			P53	INPUT TERMINAL & FUNCTION	1	0
			P56	EXTERNAL TRIP ENABLE	1	0
			P88	INVERT POLARITY OF STOP INPUT	1	1
			P96	*AT SPEED* RELATIVE/ABSOLUTE	0	0
			P99	SAVE EEPROM PARAMETERS	0	0

FULL SCALE ADJUST POTENTIOMETER		1242rpm
SET JUMP SPEED TO 2000	AT JUMP SPEED SET DRIVE TO	1242rpm

PARAMETER	TYPE	DESCRIPTION	VALUE
1	R/W	OPERATING MODE	0
2	R/W	PARAMETER SET	0
4	R/W	SWITCH ON DISPLAY	0
7	R/W	TERMINAL CONFIGURATION	0
8	R/W	RELAY FUNCTION	1
9	R/W	CONTROLLER ADDRESS	0
10	R/W	MIN FIELD FREQUENCY	40.90
11	R/W	MAX FIELD FREQUENCY	0.05
12	R/W	ACCELERATION TIME	0.05
13	R/W	DECELERATION TIME	2
14	R/W	CONTROL MODE	50
15	R/W	V/F RATED FREQUENCY	10.00
16	R/W	V/min SETTING	0
17	R/W	THRESHOLD Qmin	1
21	R/W	SLIP COMPENSATOR	150
22	R/W	IMAX LIMIT (MOTOR MODE)	80
23	R/W	IMAX LIMIT (GENERATION MODE)	0
34	R/W	MASTER CURRENT	5.35
36	R/W	VOLTAGE FOR DC INJECTION BRAKE	20
37	R/W	JOG 1 VALUE	30
38	R/W	JOG 2 VALUE	40
39	R/W	JOG 3 VALUE	DISPLAY
50	R/O	OUTPUT FREQUENCY	DISPLAY
52	R/O	MOTOR VOLTAGE	DISPLAY
54	R/O	MOTOR CURRENT	DISPLAY
56	R/O	INVERTER LOAD	DISPLAY
61	R/O	HEATSINK TEMPERATURE	8201
93	R/O	INVERTER TYPE	DISPLAY
99	R/O	SOFTWARE VERSION	0
106	R/W	HOLDING TIME FOR AUTOMATIC DC INJECTION BRAKE	220
108	R/W	GAIN FOR C111	0
111	R/W	MONITOR SIGNAL	DISPLAY
120	R/O	IT SURVALLANCE	0
125	R/W	BAUD RATE	1
142	R/W	START OPTIONS	DISPLAY
161	R/O	PRESENT FAULT	DISPLAY
162	R/O	PREVIOUS FAULT	DISPLAY
163	R/O	LAST BUT ONE FAULT	DISPLAY
164	R/O	LAST BUT TWO FAULT	0
170	R/W	SELECTION OF TRIP RESET	0
171	R/W	DELAY FOR AUTO TRIP RESET	DISPLAY
178	R/O	OPERATING TIME	DISPLAY
179	R/O	RUNNING TIME	DISPLAY



ENGINEERING LTD.
 4 - 8 MASON ROAD NORWICH NORFOLK NR6 6RF
 TEL: + (44) (0)1603-775800 FAX: + (44) (0)1603-775801

DRAWN BY	SHEET
D.J.P.	17
DATE	CONT SHEET
20/9/99	-
DRAWING NUMBER	Issue
86651	1

MACHINE: POLY JUNIOR TITLE: JUMP DRIVE PARAMETERS

NOTES

ALL WIRES 0.75mm TRI-RATED UNLESS SHOWN OTHERWISE

D.O. MASTER

MOD No.	CHANGE	SIGN.	DATE