FUTURTEK

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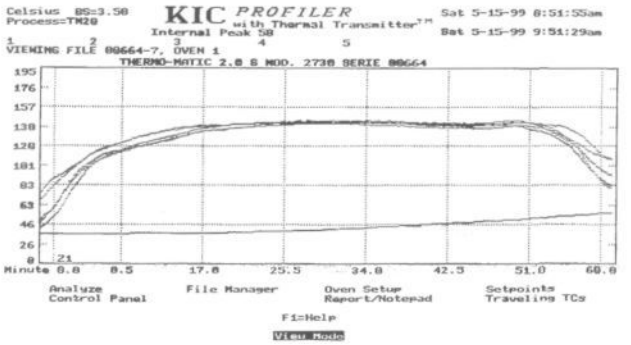
E-mail: futurtek@libero.it Codice Fiscale e Partita IVA 10033830158 - R.E.A. di Milano n. 1335824

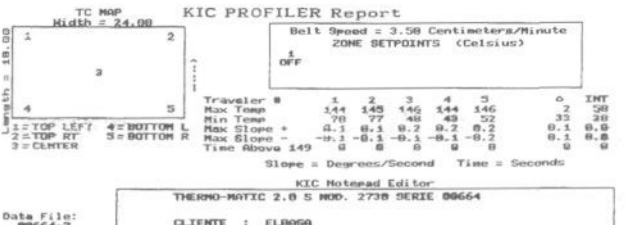
FAX MESSAGE

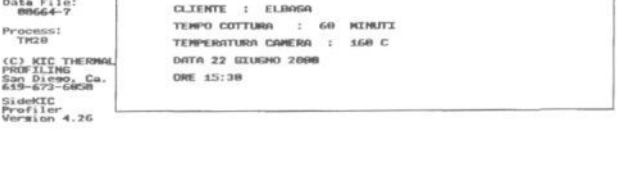
Total number of pages including this one

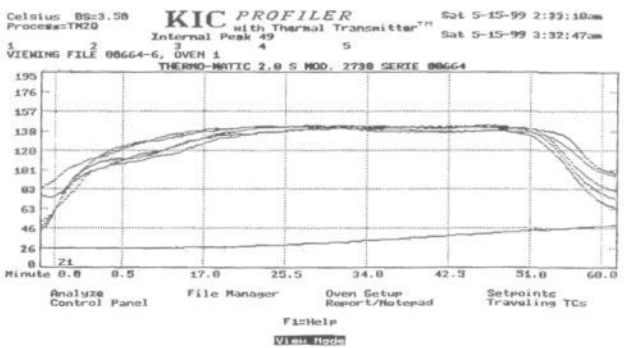
To NICO HORN	Company Vitech International BV
From Mrs. Arianna	Date 03/11/2006
Fax No. 0031/464236655	

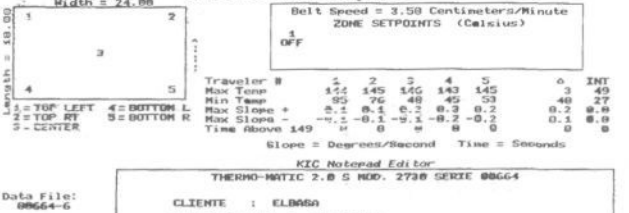
FUTURTEK
THERMO-MATIC 2.0
ELECTRICAL DRAWINGS


Celsius BS=3.50
Process=TM20
KIC PROFILER
with Thermal Transmitter™
Internal Peak 58
Sat 5-15-99 8:51:55am
Sat 5-15-99 9:51:29am
1 2 3 4 5
VIEWING FILE 00664-7, OVEN 1
THERMO-MATIC 2.0 S MOD. 2730 SERIE 00664
195
176
157
138
120
101
83
63
46
26
0
Z1
Minute 0.0 8.5 17.0 25.5 34.0 42.5 51.0 60.0
Analyze
Control Panel
File Manager
Oven Setup
Report/Notepad
Setpoints
Traveling TCs
F1=Help
View Mode


TC MAP
Width = 24.00
Length = 18.00
1
2
3
4
5
1=TOP LEFT
2=TOP RT
3=CENTER
4=BOTTOM L
5=BOTTOM R
KIC PROFILER Report
Belt Speed = 3.50 Centimeters/Minute
ZONE SETPOINTS (Celsius)
1
OFF
Traveler # 1 2 3 4 5 6 INT
Max Temp 144 145 146 144 146 2 38
Min Temp 78 77 48 43 52 33 28
Max Slope + 0.1 0.1 0.2 0.2 0.2 0.1 0.0
Max Slope - -0.1 -0.1 -0.1 -0.1 -0.2 0.1 0.0
Time Above 149 0 0 0 0 0 0 0
Slope = Degrees/Second Time = Seconds


KIC Notepad Editor
THERMO-MATIC 2.0 S MOD. 2730 SERIE 00664
CLIENTE : ELBAGA
TEMPO COTTURA : 60 MINUTI
TEMPERATURA CAMERA : 160 C
DATA 22 GIUGNO 2000
ORE 15:30
Data File:
00664-7
Process:
TM20
(C) KIC THERMAL
PROFILING
San Diego, Ca.
619-673-6850
SideKIC
Profiler
Version 4.26


Celsius BS=3.58
Process=TM20
KIC PROFILER
with Thermal Transmitter™
Internal Peak 49
Sat 5-15-99 2:33:10am
Sat 5-15-99 3:32:47am
1 2 3 4 5
VIEWING FILE 00664-6, OVEN 1
THERMO-MATIC 2.0 S MOD. 2730 SERIE 00664
195
176
157
138
120
101
83
63
46
26
0
Z1
Minute 0.0 8.5 17.0 25.5 34.0 42.5 51.0 60.0
Analyze
Control Panel
File Manager
Oven Setup
Report/Notepad
Setpoints
Traveling TCs
F1=Help
View Mode


TC MAP
Width = 24.00
Length = 18.00
1
2
3
4
5
1 = TOP LEFT
2 = TOP RT
3 = CENTER
4 = BOTTOM L
5 = BOTTOM R
KIC PROFILER Report
Belt Speed = 3.58 Centimeters/Minute
ZONE SETPOINTS (Celsius)
1
OFF
Traveler # 1 2 3 4 5 Δ INT
Max Temp 144 145 146 143 145 3 49
Min Temp 99 76 48 45 53 48 27
Max Slope + 0.1 0.1 0.2 0.2 0.2 0.2 0.0
Max Slope - -0.1 -0.1 -0.1 -0.2 -0.2 0.1 0.0
Time Above 149 0 0 0 0 0 0 0
Slope = Degrees/Second Time = Seconds
KIC Notepad Editor
THERMO-MATIC 2.0 S MOD. 2730 SERIE 00664
CLIENTE : ELBASA
TEMPO COTTURA : 60 MINUTI
TEMPERATURA CAMERA : 160 C
DATA : 22 GIUGNO 2000
ORE : 9:30
Data File:
00664-6
Process:
TM20
(C) KIC THERMAL PROFILING
San Diego, Ca.
619-673-6850
SideKIC
Profiler
Version 4.26

07/11 '06 MAR 16:05 FAX 0397198746 FUTURTEK S.R.L. 002

FUTURTEK

SUBJECT

THERMOMATIC I 1.7 – 2.0

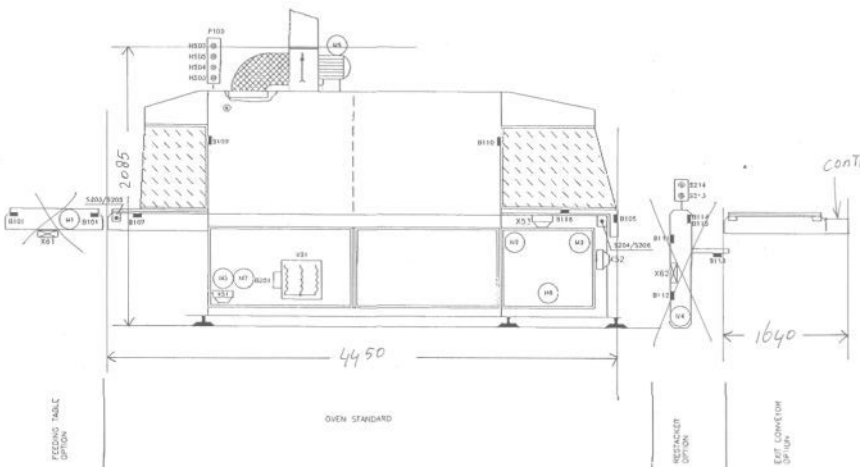
Mod. 1827 – 2727 – 2730

SEMIAUTOMATIC / AUTOMATIC

WITH OPTIONS

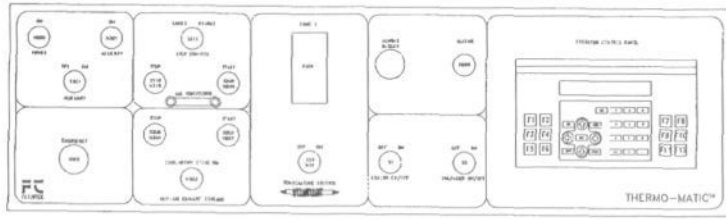
DRAWING FILE Nr	TM13R0xx . DWG
SOFTWARE PLC FILE Nr.	TM1_3R0 . STX
SOFTWARE OPERATOR CONTROL PANEL FILE Nr	TM1_3R0 . OOP

FUTURTEK	CUSTOMER	DRAW	GORLA	DATE 25. 02. 98	MODIFICATION	DRAWING N.	SHEET / SHEETS
	SUBJECT	CHECKED	SCRIVANI	COVER	1		0 / 32
		APPROV.	SCRIVANI	LAST MOD.	2		
					3		

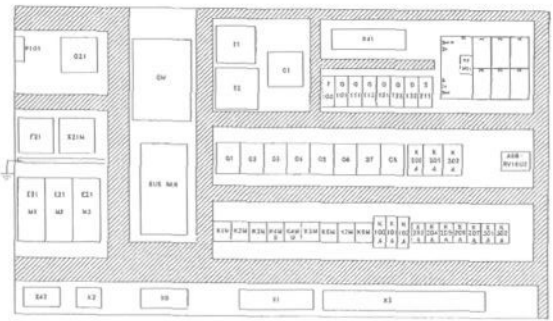


FUTURTEK	CUSTOMER	DRAW. GORLA	DATE 25 02 98	MODIFICATION	DRAWING N.	SHEET	SHEETS
	SUBJECT THERMOMATIC 1	CHECKED SCRIVANI	DRAW	1		1	32
		APPROV. SCRIVANI	LAST MOD.	2			
				3			

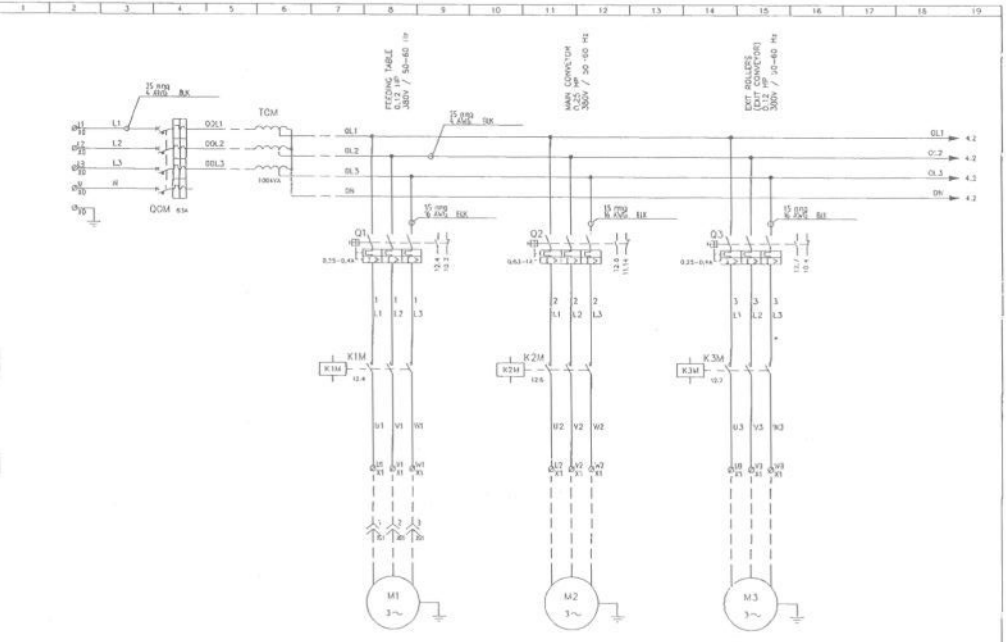
SCALE 1:5



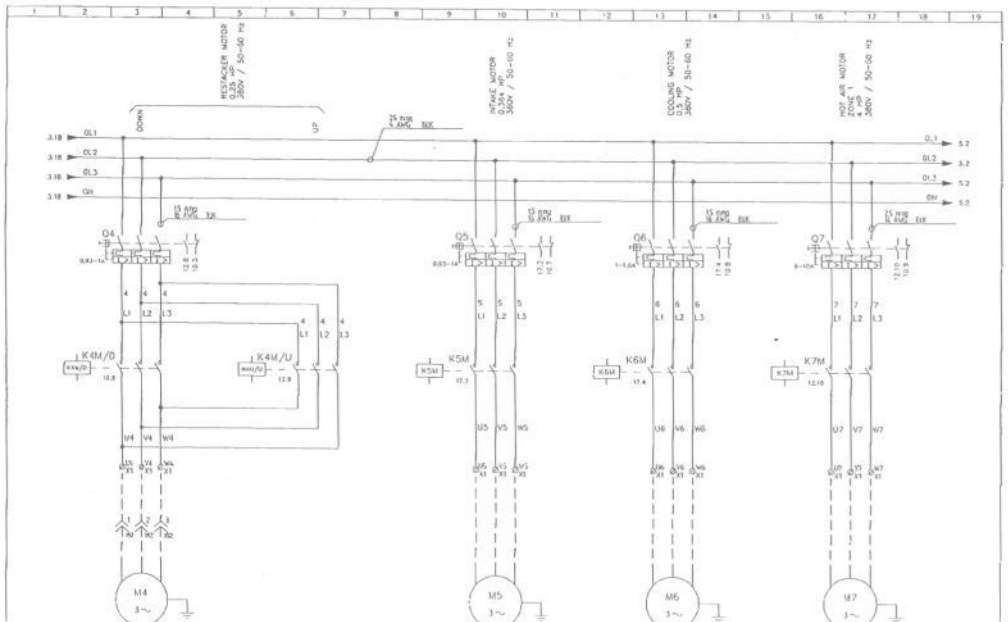
SCALE 1:10



FUTURTEK	CUSTOMER	DRAW	GORLA	DATE	25. 02. 98	KOOK CHECK	DRAWING N.	SHEET 2 / SHEETS 32
	SUBJECT THERMOMATIC I	CHECKER	SCRIVANI	COMM		1		
		APPROV.	SCRIVANI	LAST MAN		2		
						3		



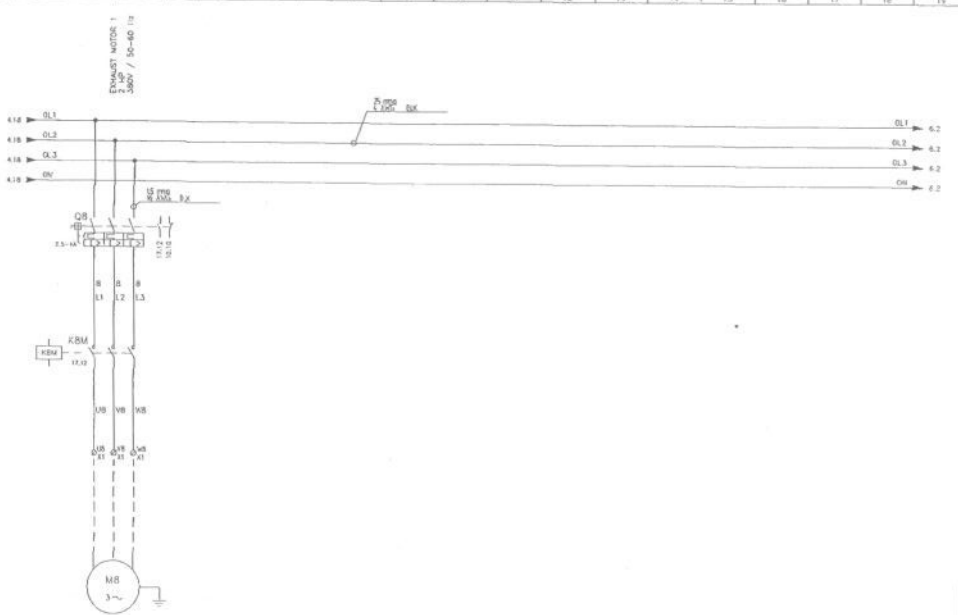
FUTURTEK	CUSTOMER	DRAW	GORLA	DATE	25. 02. 98	MODIFICATION	DRAWING N	SHEET	SHEETS
	SUBJECT THERMOMATIC I	CHECKER	SCRIVANI	COMM		1		3	32
		APPROV.	SCRIVANI	LAST TYPE		2			
						3			



FUTURTEK

THERMOMATIC I

DRAW	GORLA	DATE	25. 02. 98	MODIFICATION	DRAWING NR.	SHEET	SHEETS
CHECKED	SCRIVANI	COVM		1		4	32
APPROV	SCRIVANI	LAST MOD		2			
				3			

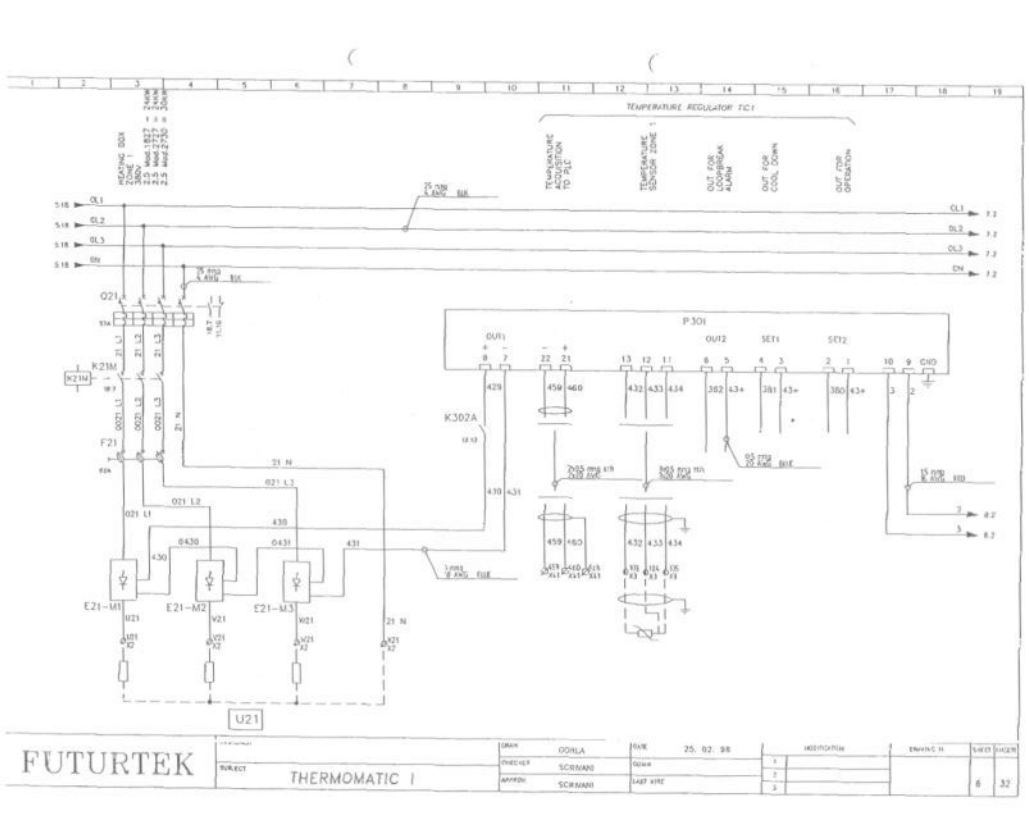


FUTURTEK

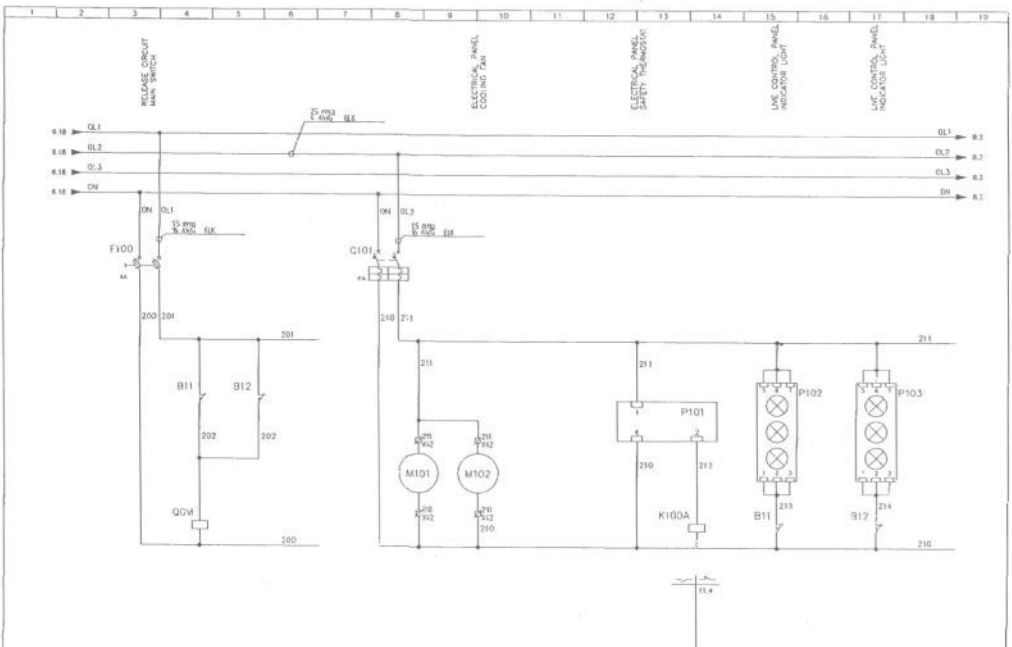
CUSTOMER

SUBJECT THERMOMATIC 1

DRAW.	CORLA	DATE	25. 02. 98	MODIFICATION	DRAWING N.	SHEET / SHEETS
CHECKED	SCRIVANI	COMM.		1		5 / 32
APPROV.	SCRIVANI	LAST WIRE		2		
				3		



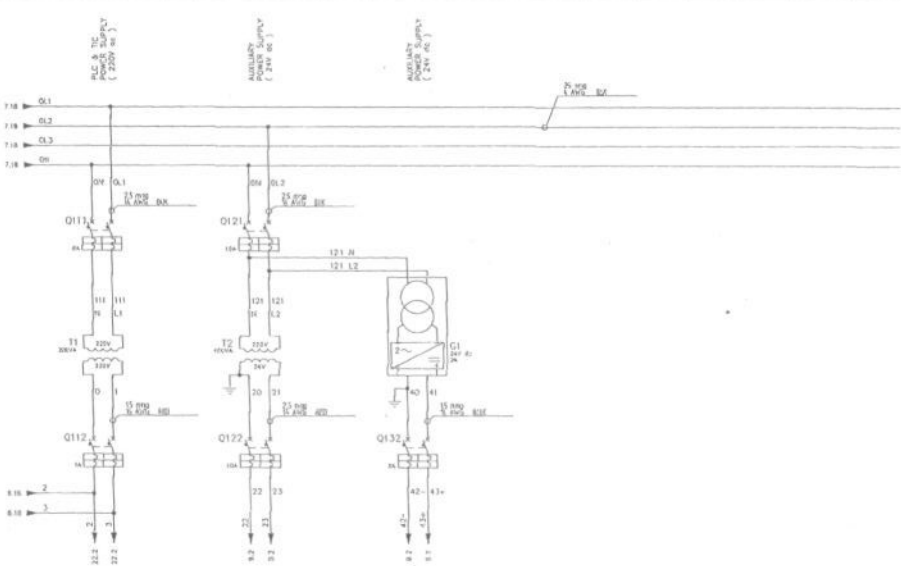
07/11 '06 MAR 16:08 FAX 0393718977746 FUTURTEK S.R.L. 010



FUTURTEK

SUBJECT	THERMOMATIC I	DRAWN	GORLA	DATE	25. 02. 98	MODIFICATION	DRAWING N.	SHEET	SHEETS
		CHECKER	SCRIVANI	FORM				7	32
		APPROV.	SCRIVANI	LAST WIRE					

07/11 06 MAR 16:10 FAX 0393139749

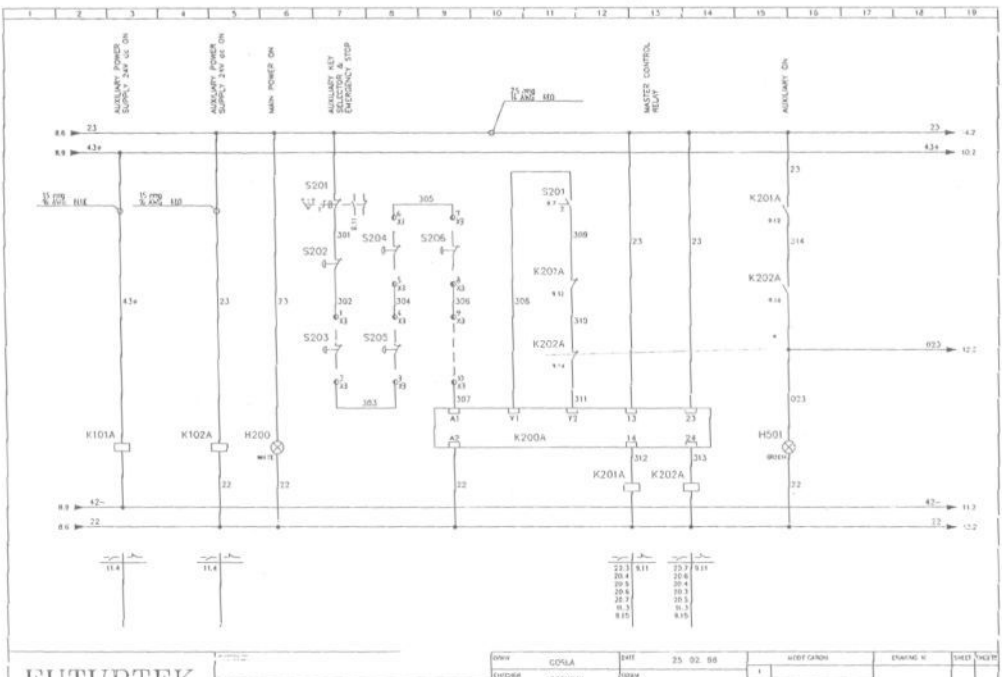


FUTURTEK

THERMOMATIC 1

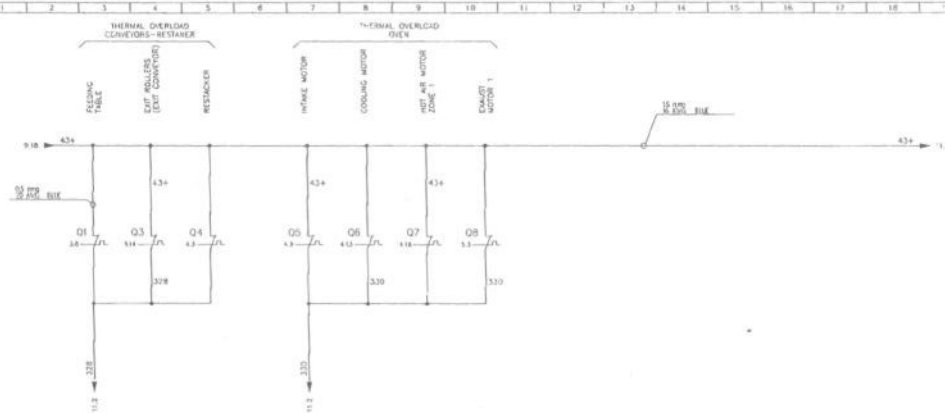
DRAW	GORLA	DATE	25. 02. 98	MODIFICATION	DRAWING No.
CHECKED	SCAVIANI	ISSUE		1	
APPROV.	SCAVIANI	LAST MOD.		2	
				3	

SHEET 8 SHEETS 32

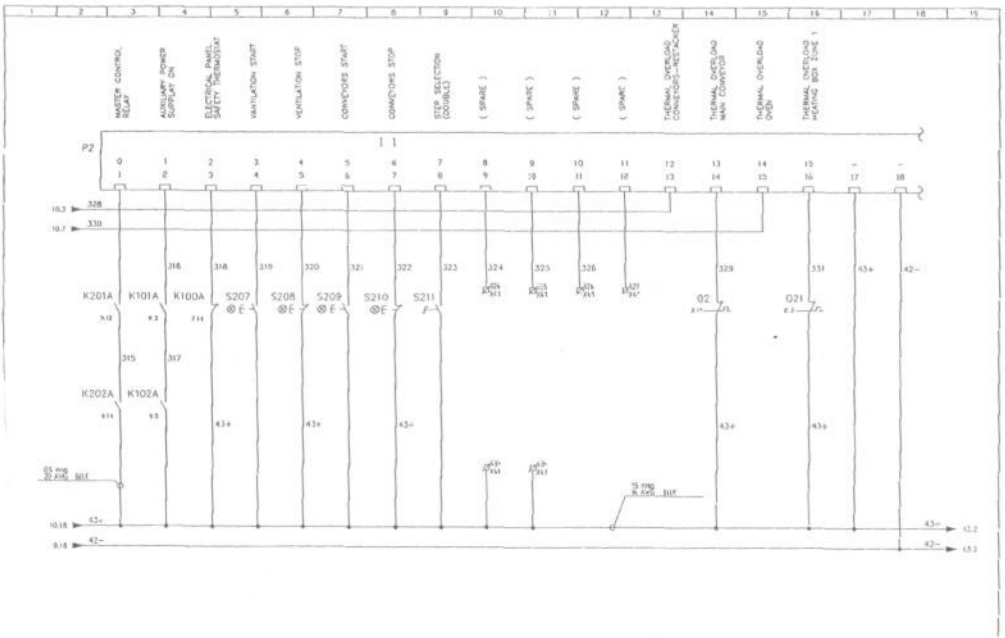


FUTURTEK	SUBJECT THERMOMATIC I	DRAW GOSLA	DATE 25 02 88	MODIFICATION	DRAWING N	SHEET 9	SHEETS 32
		CHECKER SCRIVANI	SIZE	1			
		APPROV. SCRIVANI	LAST WIRE	2			
				3			

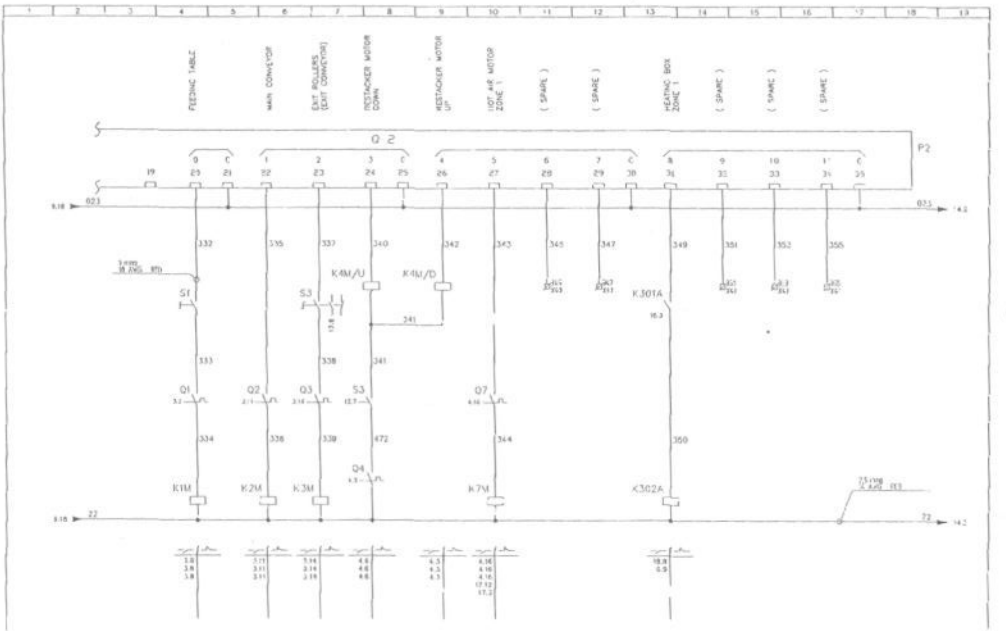
07/11 06 MAR 16:11 FAX 0393718740



FUTURTEK	CUSTOMER:	DRAW: GORLA	DATE: 25. 02. 98	MODIFICATION	DRAWING N.	SHEET	SHEETS
	SUBJECT: THERMOMATIC 1	CHECKED: SCRIVANI	DRAWN:	1		10	32
		APPROV: SCRIVANI	LAST MOD:	2			
				3			

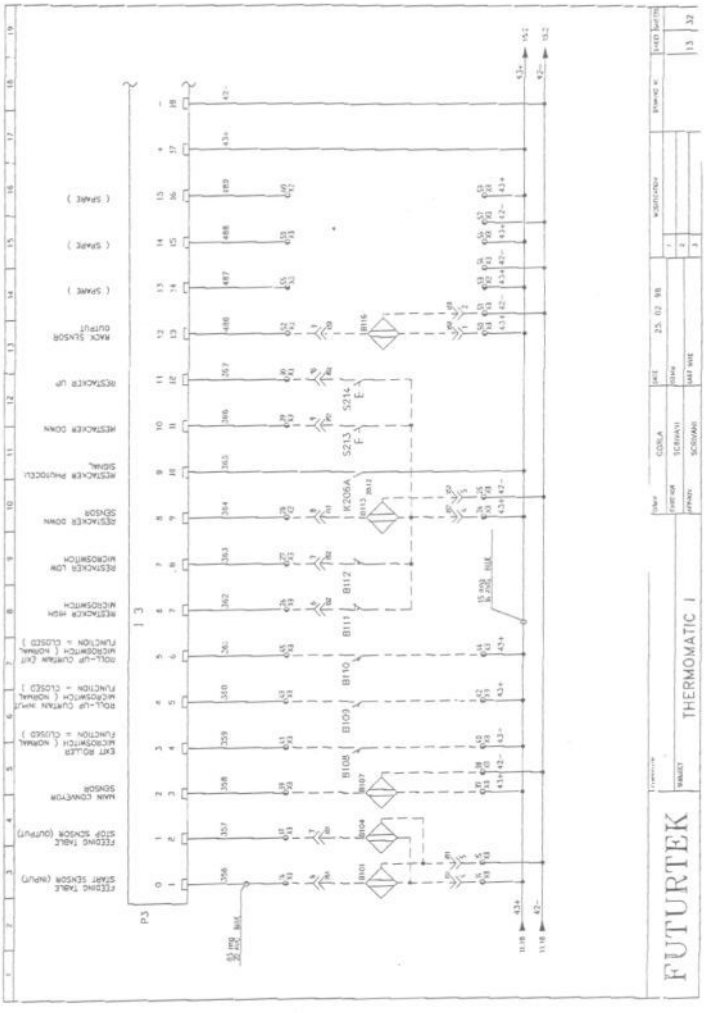


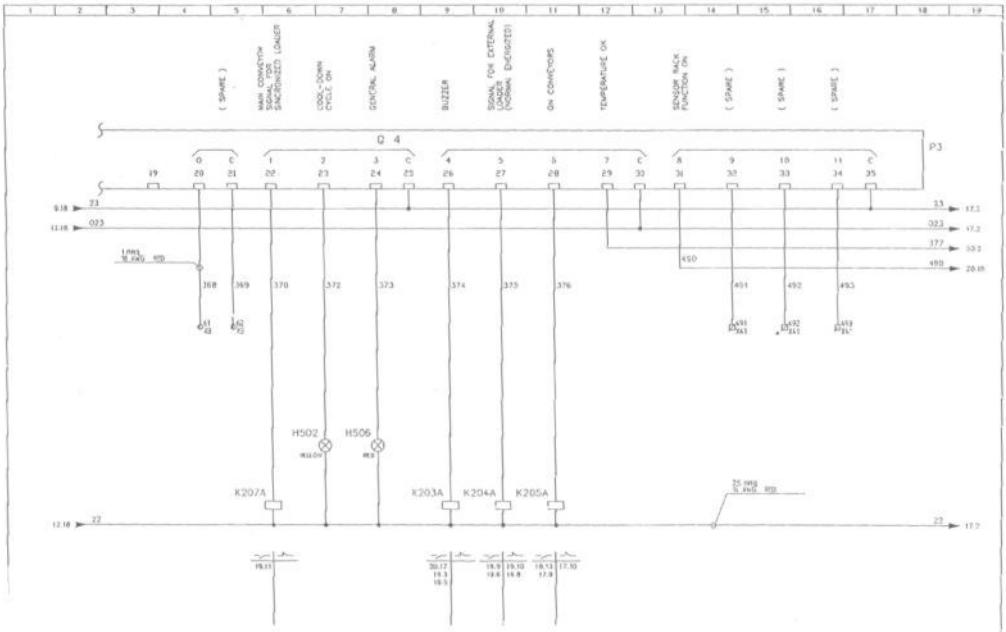
FUTURTEK		DRAW	DORLA	DATE	25. 02. 98	MODIFICATION	DRAWING N.	SHEET 11 / SHEETS 32
	SUBJECT THERMOMATIC I	CHECKER	SCRIVANI	CSMM		1		
		APPROV.	SCRIVANI	LAST VIEW		2		
						3		



FUTURTEK

SUBJECT	THERMOMATIC I	DRAW	GORLA	DATE	25 02 98	MODIFICATION	DRAWING N.	SHEET	SHEETS
		CHECKER	SCRIVANI	CDWN				12	32
		APPROV.	SCRIVANI	LAST WIRE					

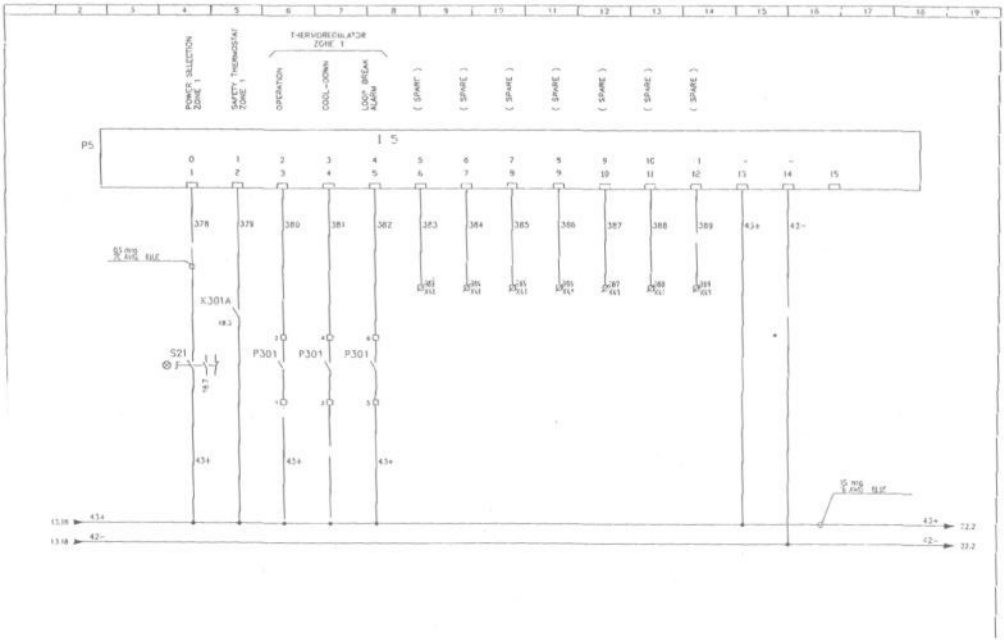

FUTURTEK
THERMOMATIC I
FEEDING TABLE START SENSOR (INPUT)
FEEDING TABLE STOP SENSOR (OUTPUT)
MAIN CONVEYOR SENSOR
EXIT ROLLER MICROSWITCH (NORMAL FUNCTION = CLOSED)
ROLL-UP CURTAIN (MULTI MICROSWITCH (NORMAL FUNCTION = CLOSED)
ROLL-UP CURTAIN EXIT MICROSWITCH (NORMAL FUNCTION = CLOSED)
RESTACKER HIGH MICROSWITCH
RESTACKER LOW MICROSWITCH
RESTACKER DOWN SENSOR
RESTACKER PHOTOCELL SIGNAL
RESTACKER DOWN
RESTACKER UP
MACX SENSOR OUTPUT
(SPARE)
(SPARE)
(SPARE)
P3
K206A
S213
S214
B101
B102
B103
B104
B107
B108
B109
B110
B111
B112
B113
B116



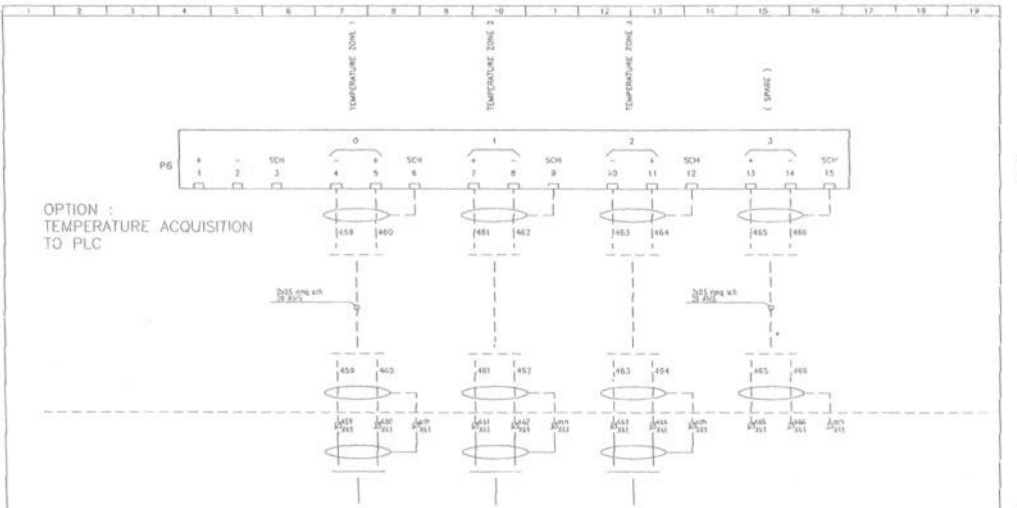
FUTURTEK

SUBJECT: THERMOMATIC I

DRAWN	GORIA	DATE	25. 02. 98	MODIFICATION	SHEET 14 / SHEETS 32
CHECKED	SCRIVANI				
APPROV.	SCRIVANI				

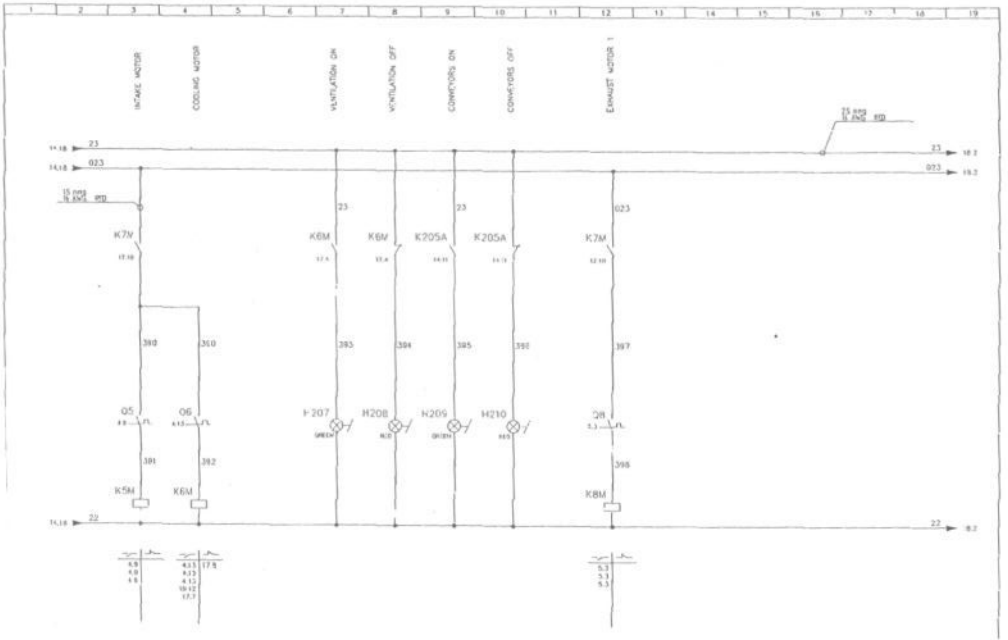


FUTURTEK	CUSTOMER	DRAWN	GORLA	DATE	25. 02. 98	MODIFICATION	DRAWING N.	SHEET	SHEETS
	SUBJECT	CHECKER	SCRIVANI	DOWN		1		15	32
	THERMOMATIC 1	APPROV.	SCRIVANI	LAST MODIF.		2			
						3			

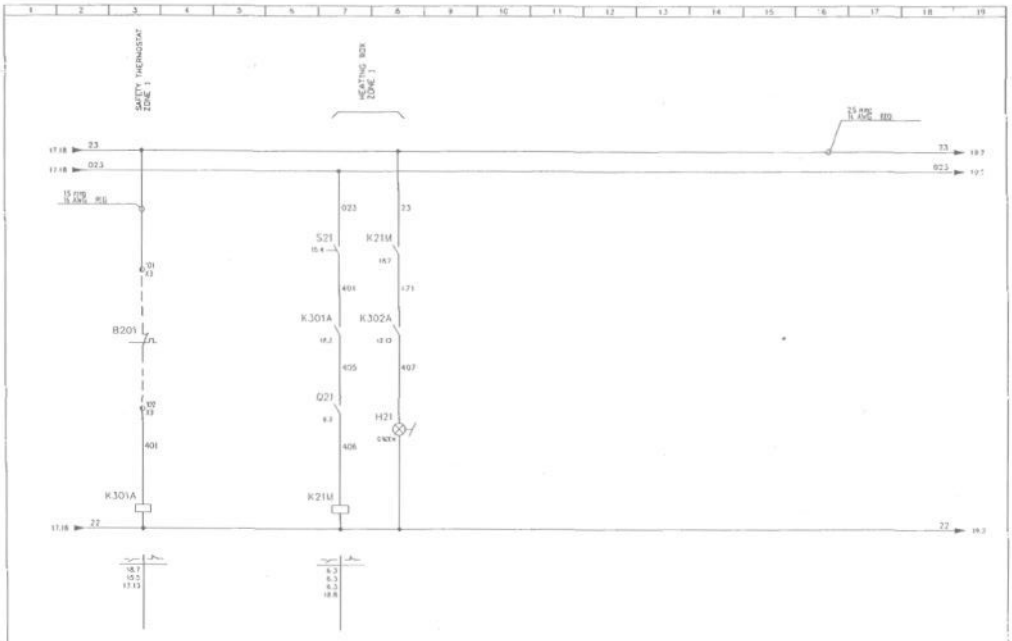


FUTURTEK	CUSTOMER	DRAW GORLA	DATE 25. 02. 98	MODIFICATION	DRAWING N	SHEET 16 / SHEETS 32
	SUBJECT THERMOMATIC I	CHECKED SCRIVANI	ISSUE	1		
		APPROVED SCRIVANI	LAST MODIFICATION	2		
				3		

07/11 '08 MAR 16:12 FAX 0393716746 FUTURTEK S.R.L.

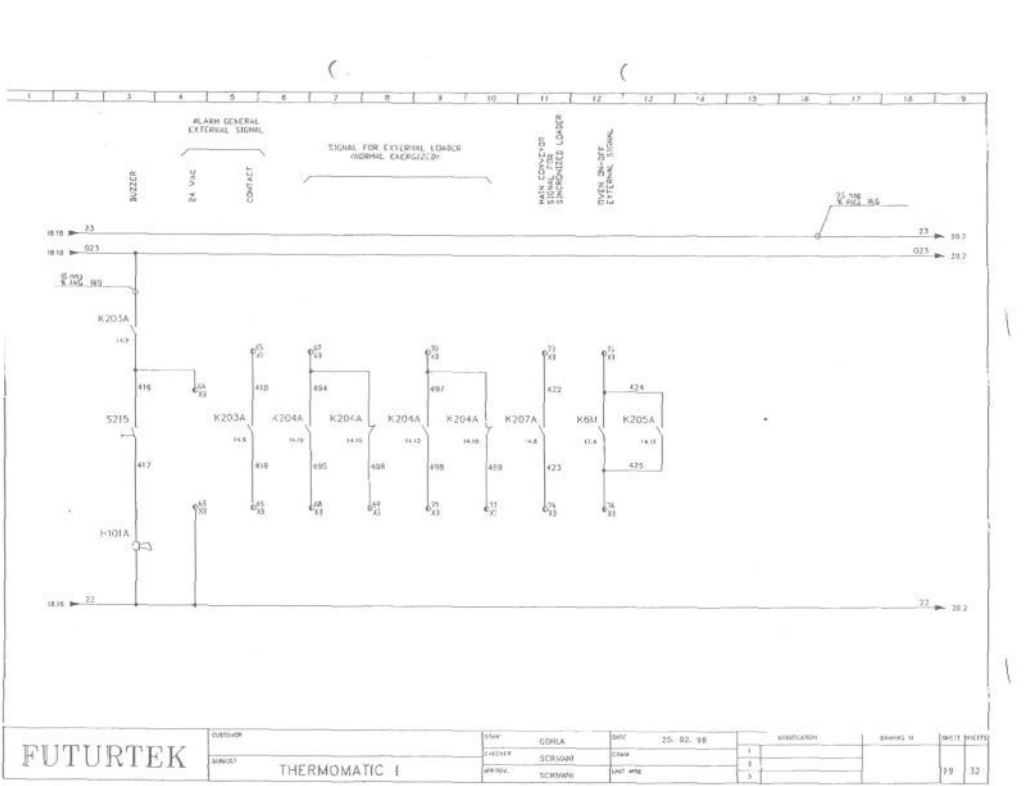


FUTURTEK	CUSTOMER	DRAW GORLA	DATE 25. 02. 98	MODIFICATION	DRAWING N	SHEET	SHEETS
	SUBJECT THERMOMATIC I	CHECKER SCRIVANI	CENW	1		17	32
		APPROV SCRIVANI	CAST WIRE	2			
				3			

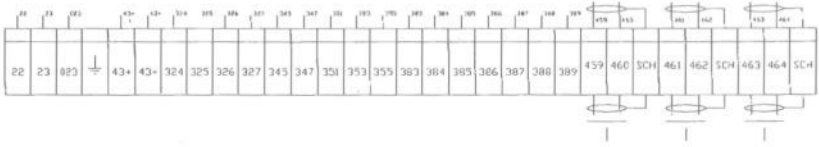


FUTURTEK	DESIGNER		DRAW	GORLA	DATE	20 02 98	MODIFICATION	DRAWING N.	SHEET	SHEETS
	SUBJECT	THERMOMATIC 1	CHECKER	SCRIVANI	DRAW		1		18	32
			APPROV.	SCRIVANI	LAST MOD.		2			
							3			

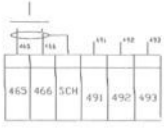
07/11 '98 MAR 16:14 FAX 0393718746 FUTURTEK S.R.L. 001



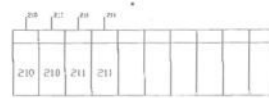
FUTURTEK	CUSTOMER	DRAW.	GORLA	DATE	25. 02. '98	MODIFICATION	DRAWING N.	SHEET 19 / SHEETS 32
	SUBJECT: THERMOMATIC 1	CHECKER	SCRIVANI	DRAW.		1		
		APPROV.	SCRIVANI	UNIT MEAS.		2		
						3		



INTERNAL AUXILIARY TERMINAL BOARD X41

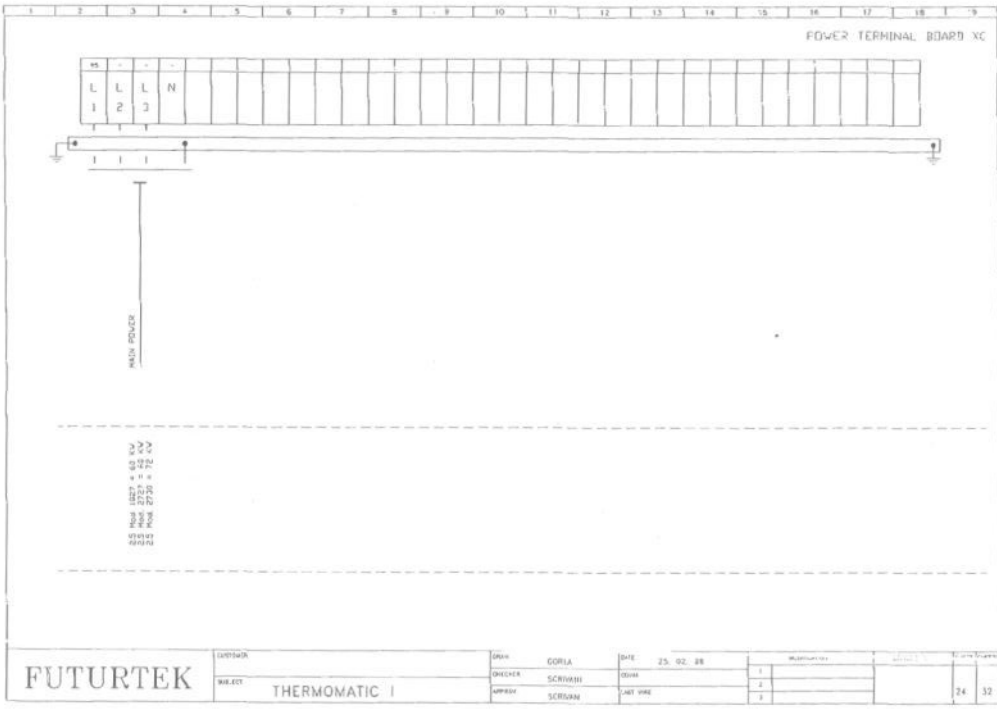


INTERNAL AUXILIARY TERMINAL BOARD X41

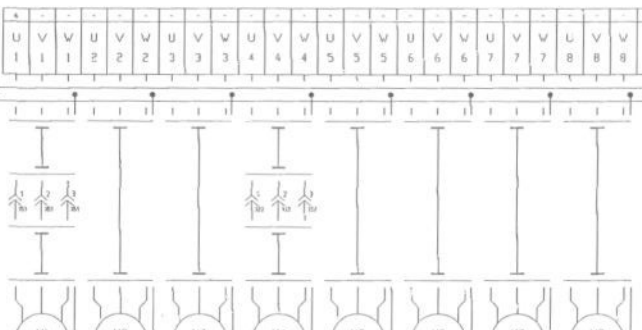


INTERNAL AUXILIARY TERMINAL BOARD X42

FUTURTEK	CUSTOMER	DRAW CORLA	DATE 25. 02. 98	VERIFICATION	DRAWING NO.	SHEET	SHEETS
	SUBJECT THERMOMATIC I	CHECKER SCRIVANI	COMM	1		23	32
		APPROV. SCRIVAN	LAST MODE	2			
				3			


FOWER TERMINAL BOARD XC
L 1
L 2
L 3
N
MAIN POWER
Mod 1827 = 60 KV
Mod 2727 = 90 KV
Mod 2730 = 72 KV
FUTURTEK
THERMOMATIC I
GORLA
SCRIVANI
SCRIVANI
25. 02. 98
24
32

POWER TERMINAL BOARD X1



FEEDING TABLE 0.12 HP 380 V 730-60 Hz

MAIN CONVEYOR 3/25 HP 380 V / 50-60 Hz

EXIT ROLLERS (EXIT CONVEYOR) 0.12 HP 380 V / 50-60 Hz

ACCUMULATOR MOTOR 0.25 HP 380 V / 50-60 Hz

INTAKE MOTOR 1/4 HP 380 V / 50-60 Hz

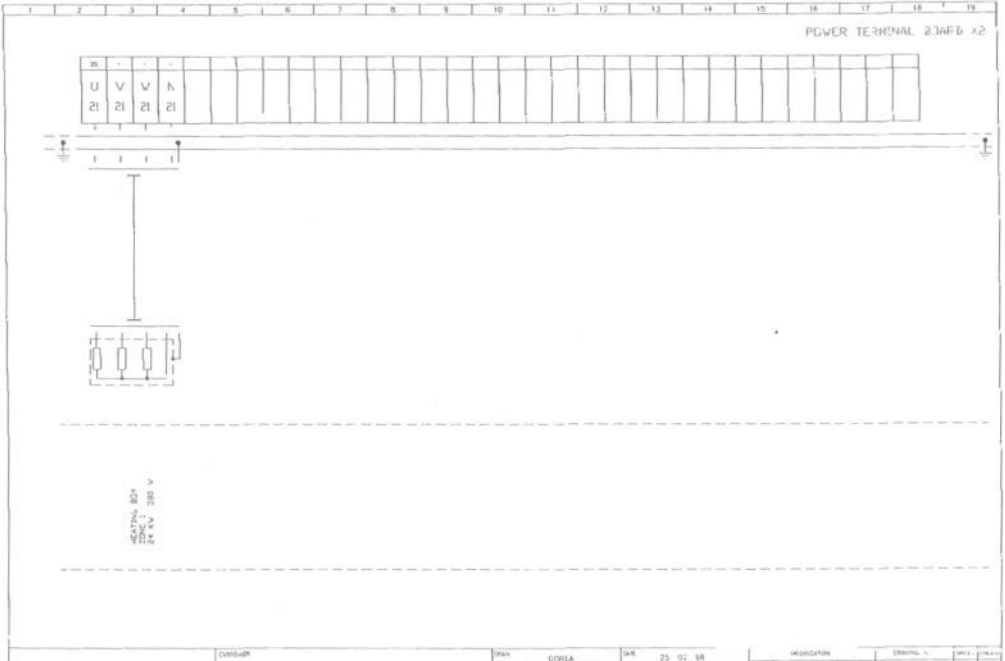
COOLING MOTOR 0.5 HP 380 V / 50-60 Hz

HOT AIR MOTOR ZONE 1 1 HP 380 V / 50-60 Hz

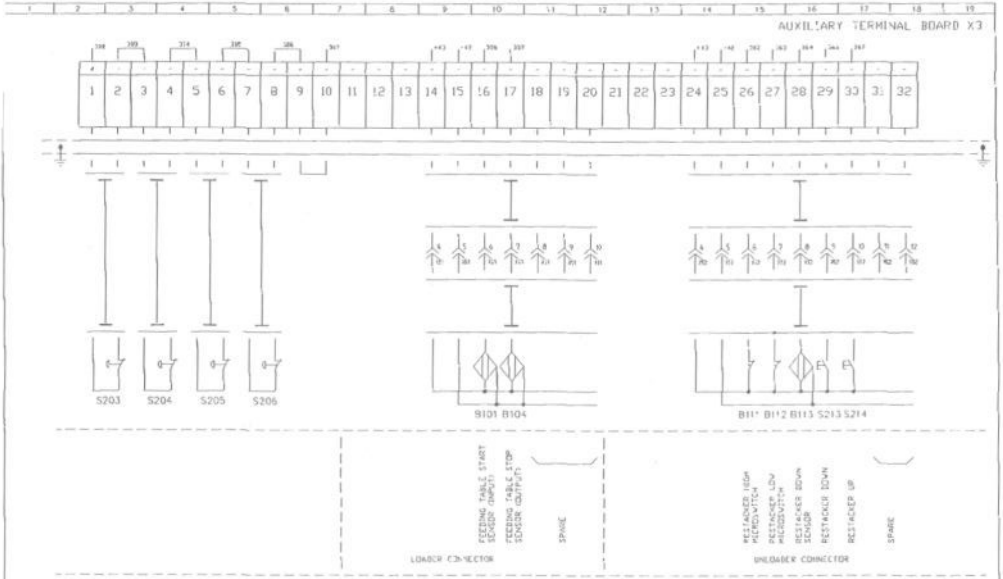
EXHAUST MOTOR 1 2 HP 380 V / 50-60 Hz

FUTURTEK	CUSTOMER		DRAW	GORLA	DATE	25. 02. 08	
	SUBJECT	THERMOMATIC I	CHECKED	SCRIVANI	DOMI		25 / 32
			APPROV.	SCRIVANI	LAST WIRE		

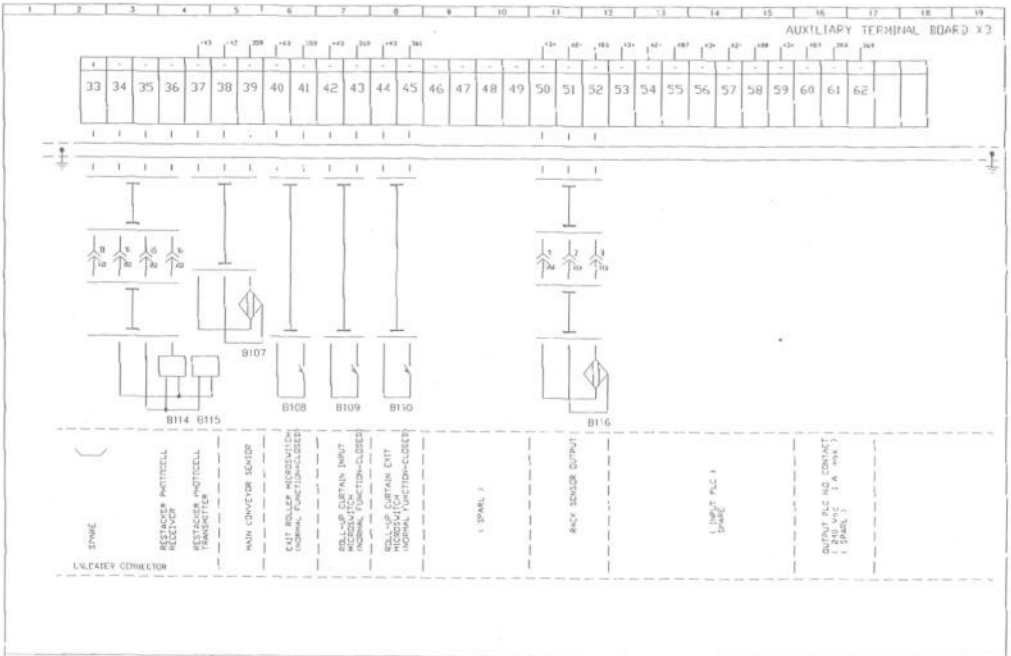
FUTURTEK S.R.L.



FUTURTEK	CUSTOMER	DRAW	GORIA	DATE	25 01 98	MODIFICATION	DRAWING N.	SHEET 26 / SHEETS 32
	SUBJECT THERMOMATIC I	CHECKER	SCRIVANI	COMM		1		
		APPROV.	SCRIVANI	LAST MODIF.		2		
						3		



FUTURTEK	CUSTOMER	DRAW.	CORLA	DATE	25. 02. 08		
	SUBJECT	CHECKER	SCRIVANI				
	THERMOMATIC I	APPROV.	SCRIVANI			27	32



FUTURTEK

CUSTOMER

SUBJECT THERMOMATIC I

DRAW	CORLA	DATE	25. 02. 98
CHECKER	SCRIVANI	DOWN	
APPROV	SCRIVAN	CAST WIRE	

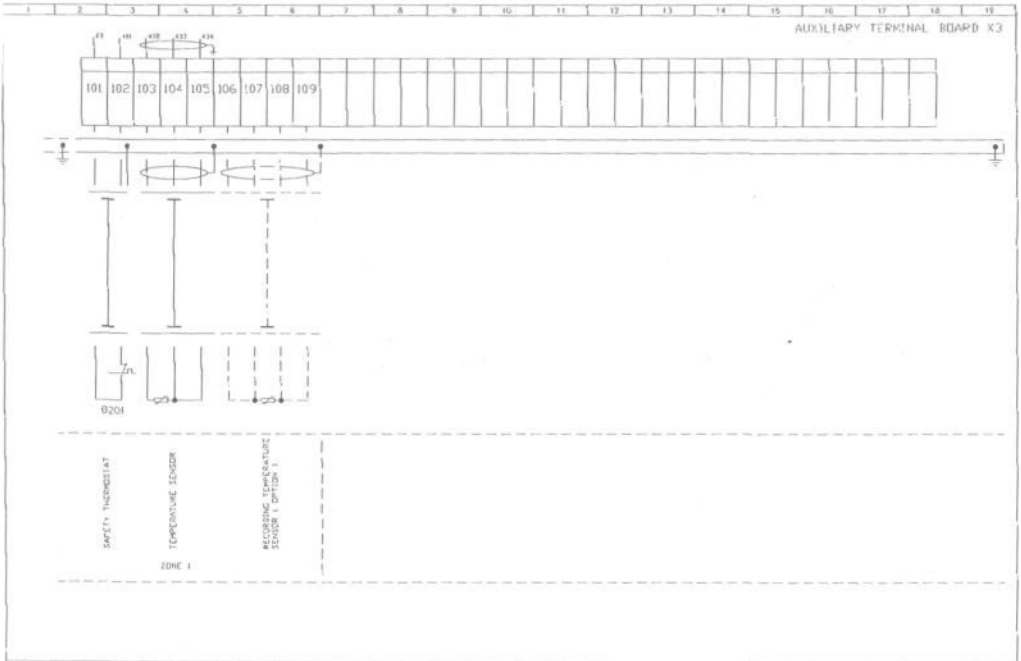
REVISION

1	
2	
3	

SHEET 28 32

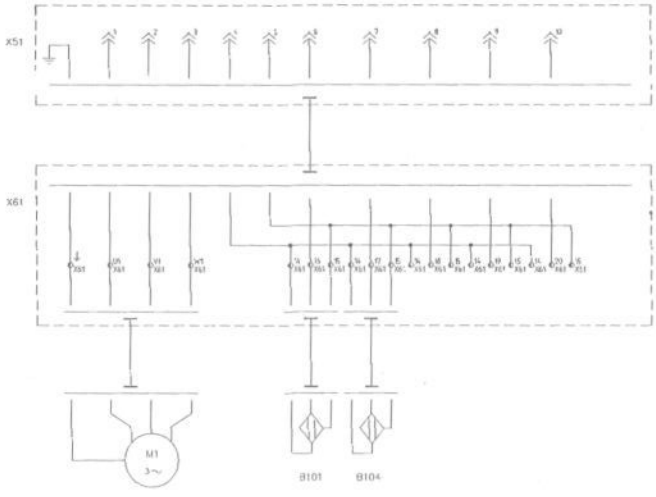
FUTURTEK S.R.L.

AUXILIARY TERMINAL BOARD X3
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96
H503
H504
H505
H507
SENSOR BACK FUNCTION ON (BLUE)
GENERAL ALARM (RED)
TEMPERATURE ON (GREEN)
AUXILIARY ON (WHITE)
POWER PILOT LIGHT
(SPARE)
MASTER CONTROL RELAY EXTERNAL SIGNAL
(EMERGENCY STOP)
(NO. CONTACT 240 Vac 5 A max.)
(SPARE)
OVEN ON-OFF EXTERNAL SIGNAL
N.O. CONTACT
(240 Vac 2 A max.)
MAIN CONVEYOR SIGNAL FOR SINCRONIZED LOADER
N.O. CONTACT
(240 Vac 2 A max.)
SIGNAL FOR EXTERNAL LOADER
(NORMAL ENERGIZED)
COM
N.O.
N.C.
CONTACT
(240 Vac
2 A max.)
ALARM GENERAL EXTERNAL SIGNAL
N.O. CONTACT
(240 Vac
2 A max.)
24 Vac
max 2 A
FUTURTEK
THERMOMATIC I
DORLA
25. 02. 98
29
32



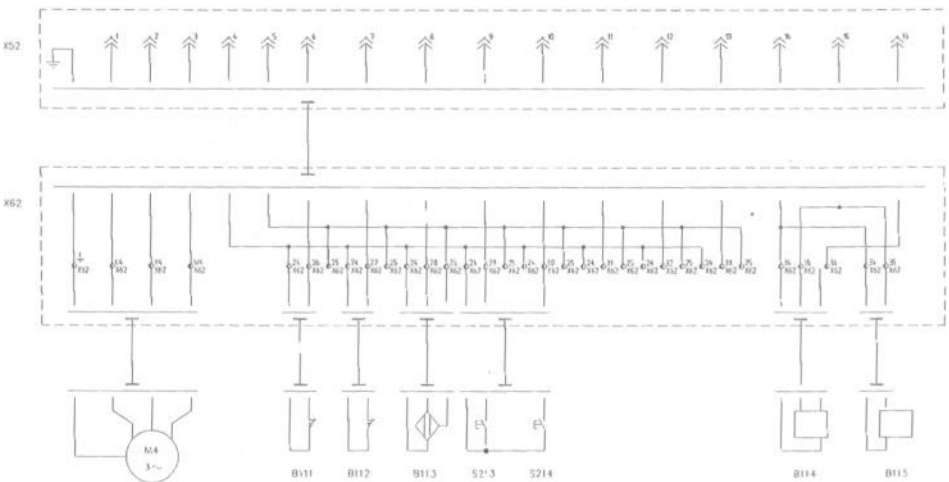
FUTURTEK	CUSTOMER	DRAW GORLA	DATE 25 02 98	VISUALIZATION			
	SUBJECT THERMOMATIC I	CHECKER SCRIVANI	DRAW	1			
		APPROV SCRIVANI	LAST MODE	2		30	32
				3			

CONNECTOR X51 AND TERMINAL BOARD X61 LOADER



FUTURTEK	CUSTOMER	DRAW	CORLA	DATE	25. 02. 98		
	SUBJECT THERMOMATIC 1	CHECKER	SCRIVANI	DOWN			
		APPROV.	SCRIVAN	LAST MIRE			

CONNECTOR X52 AND TERMINAL BOARD X62 UNLOADER



FUTURTEK	CUSTOMER	DRAW	GORLA	DATE	25 02 98		DRAWING N	SHEET / SHEETS
	SUBJECT THERMOMATIC I	DESIGNER	SCRIVANI	CHKD				32 / 32
		APPROV	SCRIVANI	LAST VERS				