MONO

www.monoequip.com

Bx OVEN

ELECTRICAL INFORMATION

CLASSIC

FOR ENGINEERS USE ONLY.
DO NOT ATTEMPT ANY ALTERATIONS.
IF IN DOUBT, CONTACT MONO FOR ADVICE

ELECTRICAL SAFETY AND ADVICE REGARDING SUPPLEMENTARY ELECTRICAL PROTECTION:

Commercial bakeries, kitchens and food service areas are environments where electrical appliances may be located close to liquids, or operate in and around damp conditions, or where restricted movement for installation and service is evident.

The installation and periodic inspection of the appliance should only be undertaken by a qualified, skilled and competent electrician, and connected to the correct supply suitable for the load as stipulated by the appliance data label.

The electrical installation and connections should meet the necessary requirements of the local electrical wiring regulations and any electrical safety guidelines.

We Recommend:

- Supplementary electrical protection with the use of a residual current device (RCD)
- Fixed wiring appliances incorporate a locally situated switch disconnector to connect to, which is easily accessible for switching off and safe isolation purposes. The switch disconnector must meet the specification requirements of IEC 60947.

Your attention is drawn to:
BS 7671:2018 – Guidance Note 8 – 8.13 : Other locations of increased risk

It is recognised that there may be locations of increased risk of electrical shock other than those specifically addressed in Part 7 of BS 7671. Examples of such locations could include laundries where there are washing and drying machines in close proximity, and water is present, and commercial kitchens with stainless steel units, where once again, water is present. Where, because of the perception of additional risks being likely, the installation designer decides that an installation or location warrants further protective measures, the options available includes:

- Automatic Disconnection of Supply (ADS) by means of a residual current device having a residual operating current not exceeding 30 mA;
- Supplementary protective equipotential bonding; and
- Reduction of maximum fault clearance time.

The provision of RCDs and supplementary bonding must be specified by the host organisation's appointed installation designer or electrical contractor and installed by a suitably qualified and competent electrician so as to comply with Regulations 419.2 and 544.2.

The supply to this machine must be protected by a **30mA RCD**

CONTENTS

BX CLASSIC WIRING DIAGRAMS

FG149/150 CLASSIC 10 TRAY

SECTION 1

FOR ENGINEERS USE ONLY.
DO NOT ATTEMPT ANY ALTERATIONS.
IF IN DOUBT, CONTACT MONO FOR ADVICE

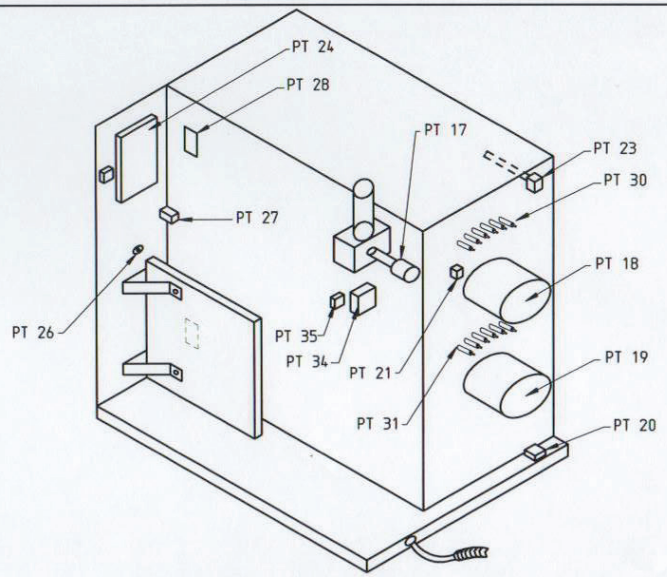
IF IN ANY DOUBT - ASK

DRAWING PT-Ref	DESCRIPTION	MONO PART NUMBER
PT-2	CONTROL CIRCUIT M.C.B.	B872-22-062
PT-4a	FAN MOTOR OVERLOAD UNIT N'1 (TOP)	B801-03-020
PT-4b	FAN MOTOR OVERLOAD N'1 AUXILIARY CONTACT	B801-14-012
PT-5a	FAN MOTOR OVERLOAD UNIT N'2 (BOTTOM)	B801-03-020
PT-5b	FAN MOTOR OVERLOAD N'2 AUXILIARY CONTACT	B801-14-012
PT-10a	FAN MOTOR CONTACTOR N'1-FORWARD (TOP MOTOR)	B801-08-031
PT-10b	FAN MOTOR CONTACTOR N'1-REVERSE (TOP MOTOR)	B801-08-031
PT-11a	FAN MOTOR CONTACTOR N'2-FORWARD (BTM MOTOR)	B801-08-031
PT-11b	FAN MOTOR CONTACTOR N'2-REVERSE (BTM MOTOR)	B801-08-031
PT-14	24V DC POWER SUPPLY UNIT	B801-93-005
PT-15	HEATING ELEMENT CONTACTOR	B801-08-020
PT-17	DAMPER SOLENOID (L/H)	B749-83-003
	DAMPER SOLENOID (R/H)	B749-83-004
PT-18	FAN MOTOR UNIT N'1 (TOP MOTOR)	B720-74-005
PT-19	FAN MOTOR UNIT N'1 (BOTTOM MOTOR)	B720-74-005
PT-20	WATER SOLENOID	150-07-00400
PT-21	OVERHEAT THERMOSTAT N'1 (TOP)	B888-30-014
PT-23	OVEN THERMOCOUPLE	B873-95-002
PT-24	MAIN P.C.B.	B705-97-013
PT-26	MAIN OFF/ON SWITCH	B836-07-004
PT-27	DOOR SWITCH	B842-07-037
PT-28B	INTERIOR LIGHT BULB	B855-94-009

8KW ELEMENT OVENS ONLY			
PT-30	HEATING ELEMENT UNIT N'1 (TOP)	240v	B847-04-068
PT-31	HEATING ELEMENT UNIT N'2 (BOTTOM)	240v	B847-04-068
PT-30	HEATING ELEMENT UNIT N'1 (TOP)	220v	B847-04-073
PT-31	HEATING ELEMENT UNIT N'2 (BOTTOM)	220v	B847-04-073

7KW ELEMENT OVENS ONLY			
PT-30	HEATING ELEMENT UNIT N'1 (TOP)	240v	B847-04-067
PT-31	HEATING ELEMENT UNIT N'2 (BOTTOM)	240v	B847-04-067
PT-30	HEATING ELEMENT UNIT N'1 (TOP)	220v	B847-04-074
PT-31	HEATING ELEMENT UNIT N'2 (BOTTOM)	220v	B847-04-074

PT-34	REAR FAN UNIT	B869-75-018
PT-35	REAR FAN UNIT FUSE	B842-85-025
PT-36	AUX POWER OUTLET	B970-06-001
PT-37	AUX POWER OUTLET FUSE	B842-85-039



REV	SIG	DATE	REVISION	ECN NO.
M	JC	02-05-19	PT-27 WAS B842-07-023	BX-001-18-19
L	JC	27-11-18	PT-18 & PT-19 WERE B720-74-001	BX-009-17-18
K	RAC	11-11-09	PARTS 1,8,28A DELETED.28B WAS B857-94-004	315/09
J	JC	29-01-09	PT27 WAS ASSY 154-25-01200 (B801-11-001)	195/08
I	RAC	29-03-07	PT22 O/HEAT THERMOSTAT DELETED;PT36/37 ADDED	2946
H	JC	30-10-06	PT-17 WAS B749-83-001 & B749-83-002	2868
G	RAC	31-10-05	B859- NOW B801-	2573
F	JC	27-7-05	PT-23 WAS B873-95-001	2525
E	JC	13-6-05	PT-14 WAS B705-93-006	2483
D	JC	7-4-05	PT-28A WAS B721-67-001	2435
C	JC	22-11-04	PT-26 WAS B842-07-014	2329
B	JC	22-11-04	PT-34 WAS B869-75-023	2318
A	JC	14-2-03	EXISTING SMALL FAN DELETED (IN CONJUNCTION WITH ECN 1925)	1927

MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE: ELECTRICAL COMPONENTS LAYOUT 10 TRAY CLASSIC OVEN

ELECTRICAL SPECIFICATIONS:- 380V/415V 3PH+N 50Hz

DRAWN: JC

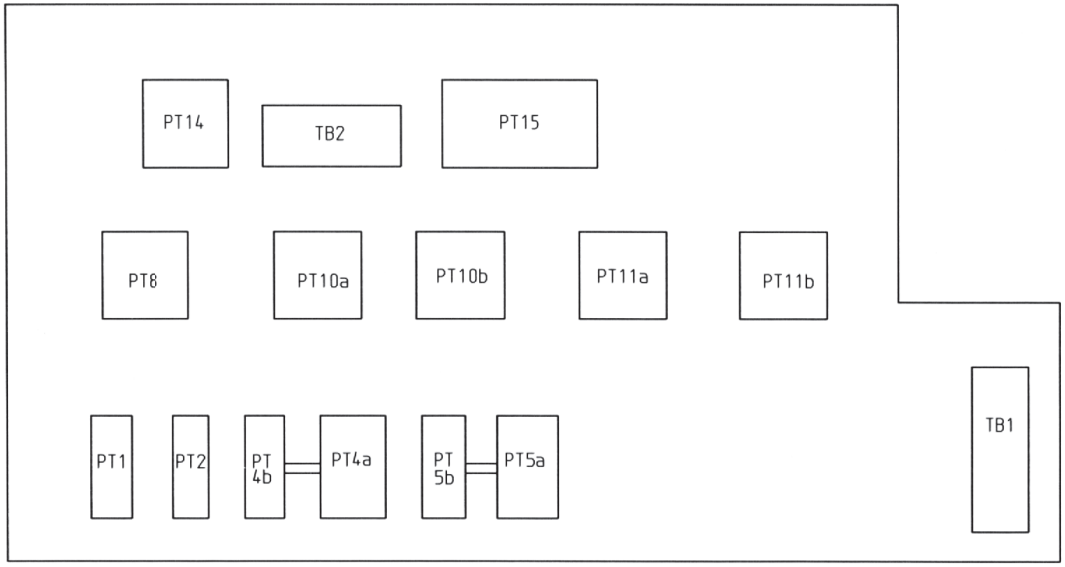
ELECTRICALLY APPROVED BY:-

DATE: 25-1-01

DRAWING NO. M150E25-04200

REV: M

IF IN ANY DOUBT - ASK



REV	SIG	DATE	REVISION	ECN NO.

MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE: 10 TRAY OVEN
WITH FAN REVERSING
MAIN CONTROL PANEL LAYOUT

ELECTRICAL SPECIFICATIONS:-

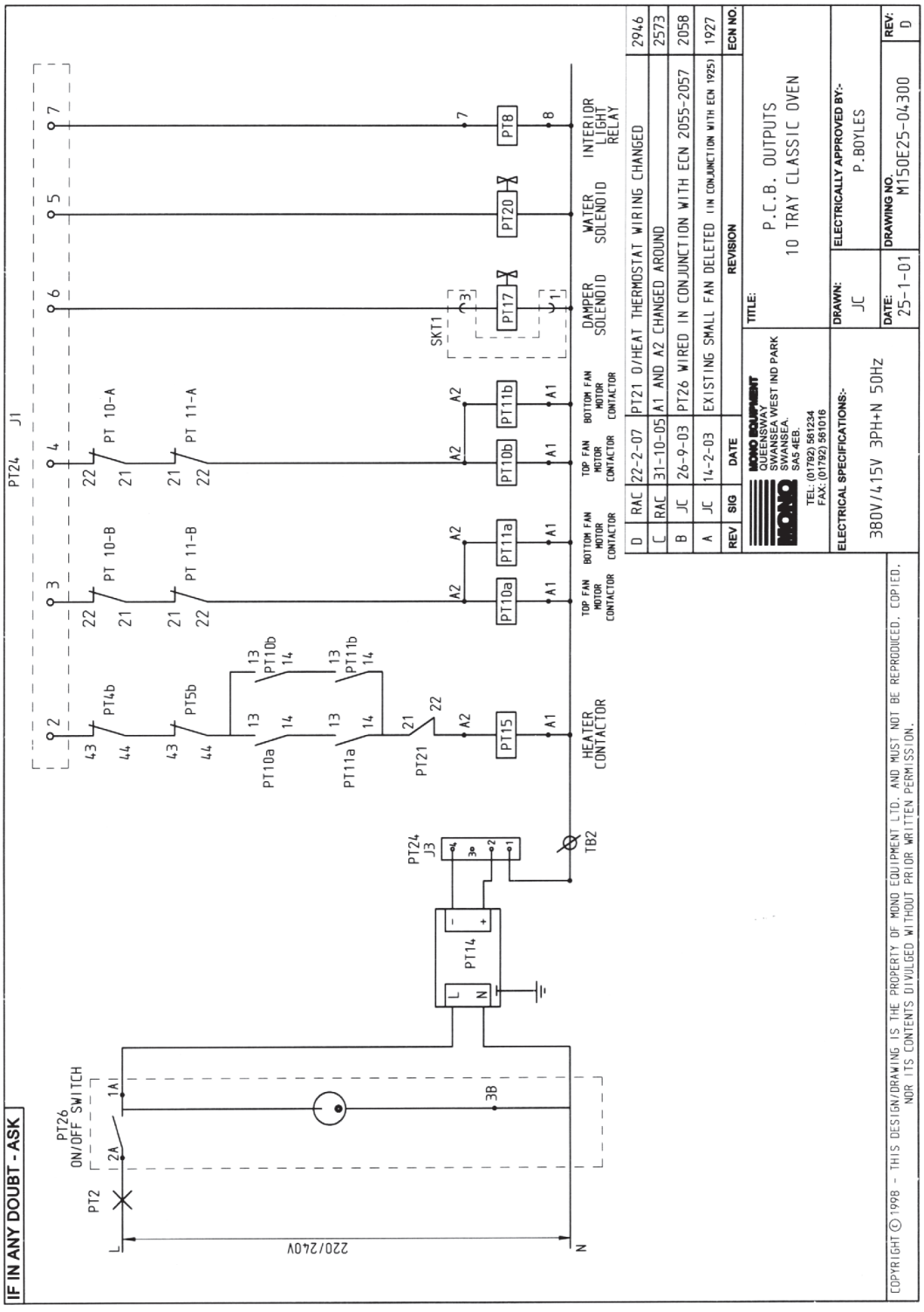
DRAWN: JC

ELECTRICALLY APPROVED BY:- P.BOYLES

DATE: 24-1-01

DRAWING NO. M150E25-04100

REV: -


IF IN ANY DOUBT - ASK
PT24 J1
PT26 ON/OFF SWITCH
PT2
220/240V
L
N
PT14
PT24 J3
TB2
HEATER CONTACTOR
PT15
PT21
PT10a
PT11a
PT10b
PT11b
PT4b
PT5b
PT 10-B
PT 11-B
PT 10-A
PT 11-A
TOP FAN MOTOR CONTACTOR
BOTTOM FAN MOTOR CONTACTOR
SKT1
PT17
DAMPER SOLENOID
PT20
WATER SOLENOID
PT8
INTERIOR LIGHT RELAY
D RAC 22-2-07 PT21 O/HEAT THERMOSTAT WIRING CHANGED 2946
C RAC 31-10-05 A1 AND A2 CHANGED AROUND 2573
B JC 26-9-03 PT26 WIRED IN CONJUNCTION WITH ECN 2055-2057 2058
A JC 14-2-03 EXISTING SMALL FAN DELETED (IN CONJUNCTION WITH ECN 1925) 1927
REV SIG DATE REVISION ECN NO.
MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016
TITLE:
P.C.B. OUTPUTS
10 TRAY CLASSIC OVEN
ELECTRICAL SPECIFICATIONS:-
380V/415V 3PH+N 50Hz
DRAWN: JC
DATE: 25-1-01
ELECTRICALLY APPROVED BY:- P.BOYLES
DRAWING NO. M150E25-04300
REV: D
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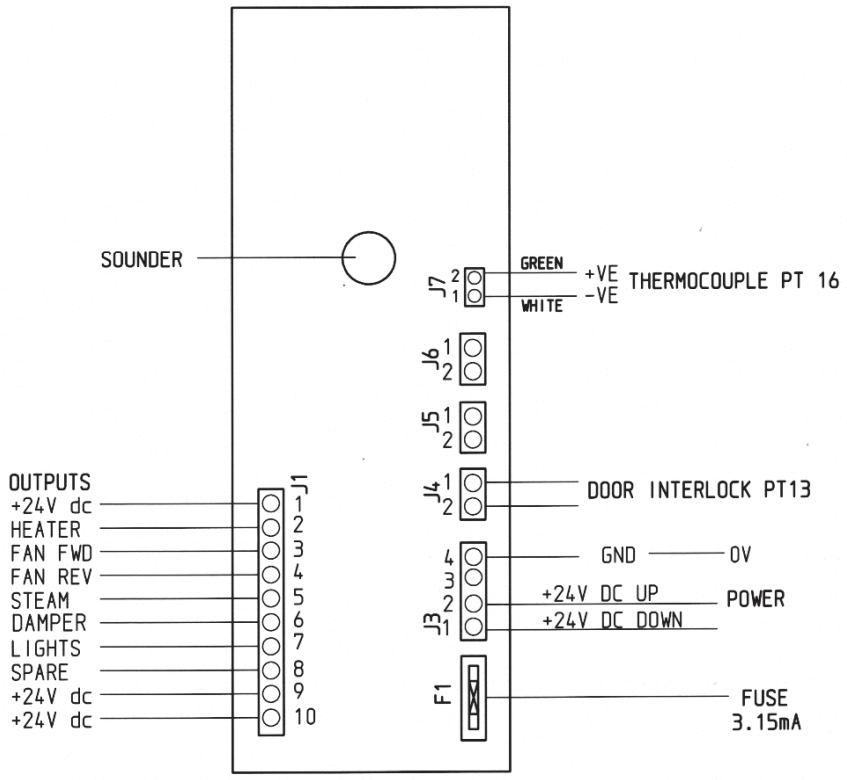
IF IN ANY DOUBT - ASK

CONTROLLER BOARD AS VIEWED FROM COMPONENT SIDE

'CLASSIC' OVEN CONTROLLER



REV	SIG	DATE	REVISION	ECN NO.
D	RAC	4-11-16	PICTORIAL CHANGES. BOARD WAS B705-97-013 NOW B705-97-027	BX-006-16-17
C	JC	24-1-03	DELETE SMALL COOLING FAN (IN CONJUNCTION WITH ECN 1927)	1925
B	JC	22-1-03	ADD WIRING FOR REAR FAN UNIT	1927
A	JC	22-2-01	RE-ARRANGE POWER CIRCUIT WIRES TO PCB	14/19

MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE: MAIN P.C.B. CONNECTIONS
4 TRAY CLASSIC OVEN

DRAWN: MT

ELECTRICALLY APPROVED BY:-

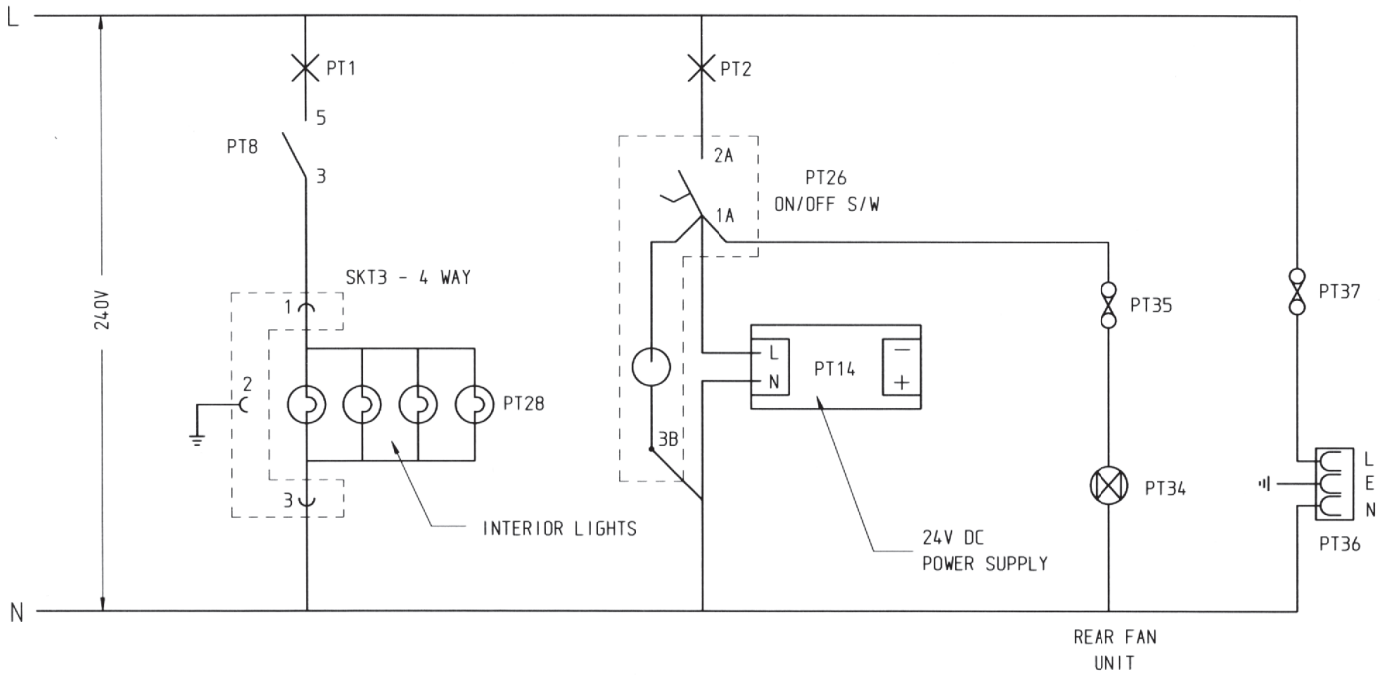
ELECTRICAL SPECIFICATIONS:-

DATE: 1-12-98

DRAWING NO. M158E25-50800

REV: D

IF IN ANY DOUBT - ASK



REV	SIG	DATE	REVISION	ECN NO.
C	RAC	22-2-07	PT36 & PT37 ADDED	2946
B	JC	26-9-03	PT26 WIRED IN CONJUNCTION WITH ECN 2055-2057	2058
A	JC	14-2-03	EXISTING SMALL FAN DELETED (IN CONJUNCTION WITH ECN 1925)	1927

MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE: INTERIOR LIGHT & POWER SUPPLY CIRCUIT
CLASSIC 10 TRAY OVEN

ELECTRICAL SPECIFICATIONS:- 380/415V 3PH+N 50Hz

DRAWN: JC

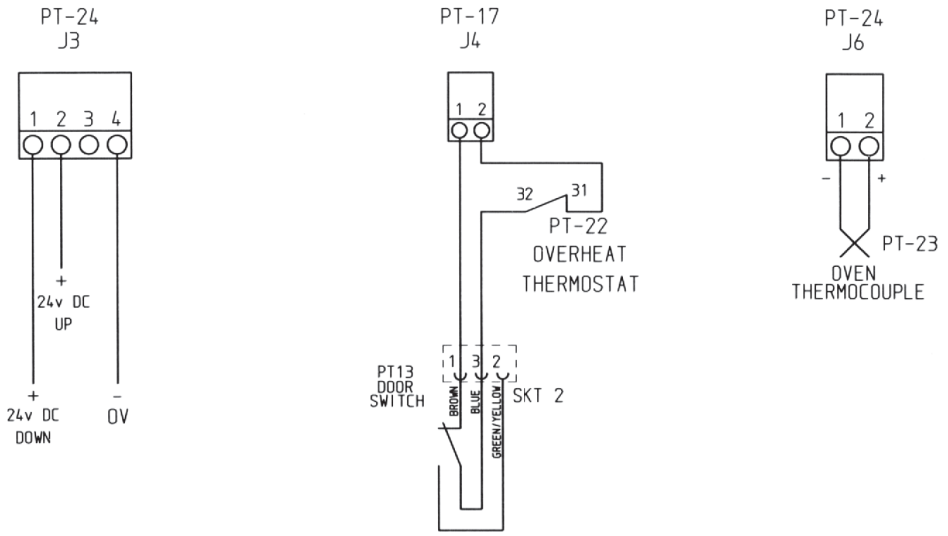
ELECTRICALLY APPROVED BY:- P. BOYLES

DATE: 12-2-03

DRAWING NO. M150E25-04600

REV: C

IF IN ANY DOUBT - ASK



REV	SIG	DATE	REVISION	ECN NO.
B	RAC	22-2-07	PT22 O/HEAT THERMOSTAT WIRING ALTERED	2946
A	JC	14-2-03	EXISTING SMALL FAN DELETED (IN CONJUNCTION WITH ECN 1925)	1927

MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE:
P.C.B. INPUTS
10 TRAY CLASSIC L.E.D. OVEN

ELECTRICAL SPECIFICATIONS:-

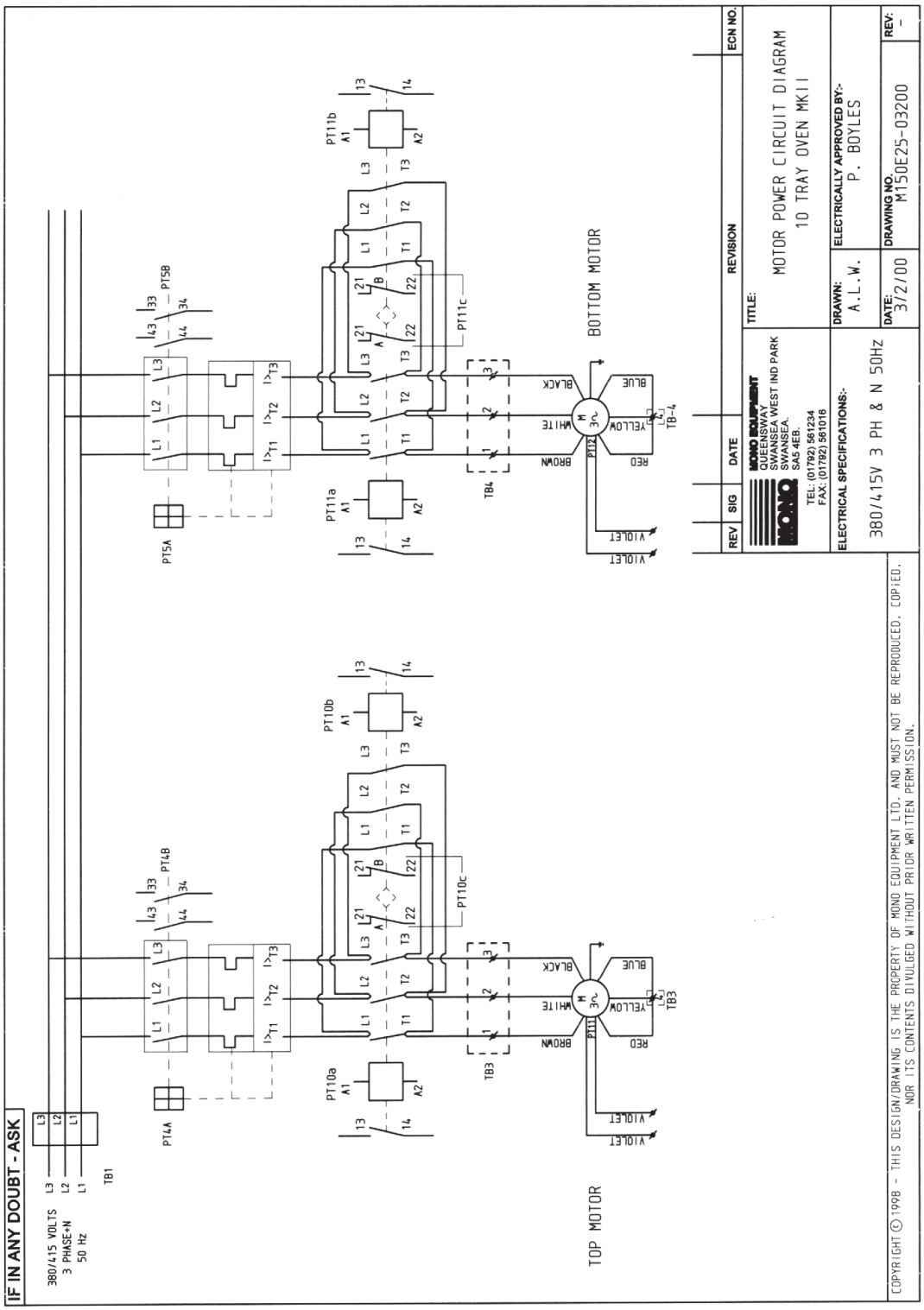
DRAWN: JC

ELECTRICALLY APPROVED BY:- P.BOYLES

DATE: 25-1-01

DRAWING NO. M150E25-04400

REV: B


IF IN ANY DOUBT - ASK
380/415 VOLTS
3 PHASE+N
50 Hz
TB1
TOP MOTOR
BOTTOM MOTOR
PT4A
PT4B
PT5A
PT5B
PT10a
PT10b
PT10c
PT11a
PT11b
PT11c
TB3
TB4
TB-4
BLACK
WHITE
BROWN
BLUE
YELLOW
RED
VIOLET
REV
SIG
DATE
REVISION
ECN NO.
MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016
TITLE:
MOTOR POWER CIRCUIT DIAGRAM
10 TRAY OVEN MKII
ELECTRICAL SPECIFICATIONS:-
380/415V 3 PH & N 50Hz
DRAWN:
A.L.W.
DATE:
3/2/00
ELECTRICALLY APPROVED BY:-
P. BOYLES
DRAWING NO.
M150E25-03200
REV:
-
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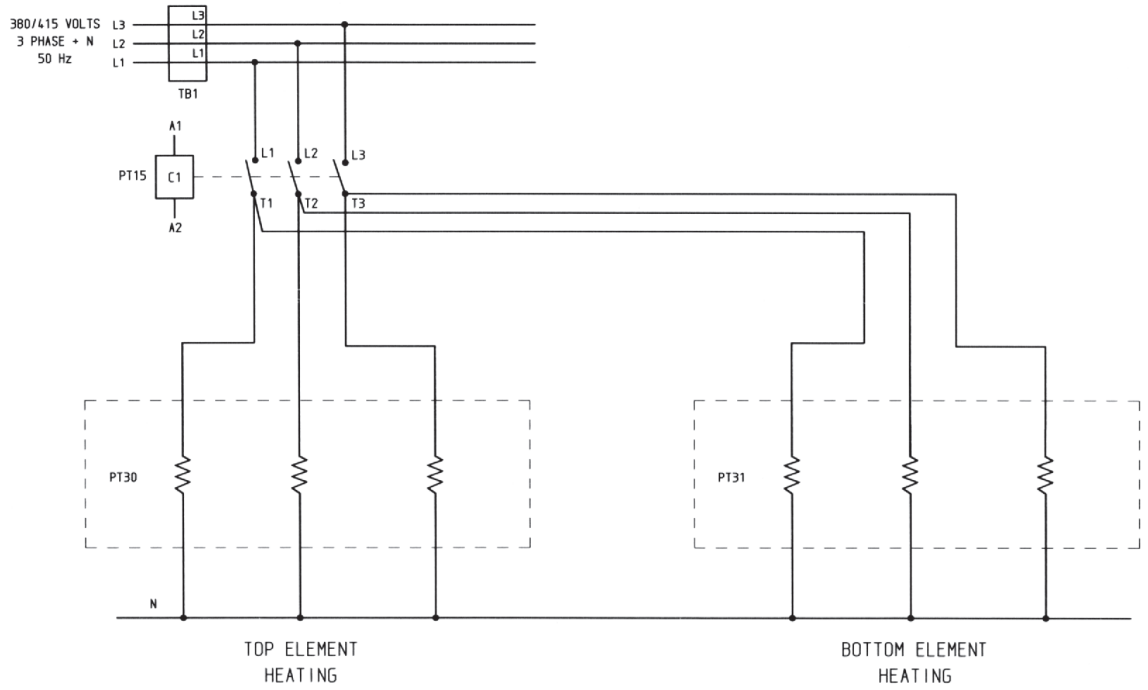
IF IN ANY DOUBT - ASK



REV	SIG	DATE	REVISION	ECN NO.
A	RAC	22-2-07	PT21 & PT22 O/HEAT THERMOSTATS REMOVED	2946

MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE: HEATING POWER CIRCUIT DIAGRAM
10 TRAY OVEN MKII

ELECTRICAL SPECIFICATIONS:- 380/415V 3 PHASE+N 50Hz

DRAWN: A.L.W.

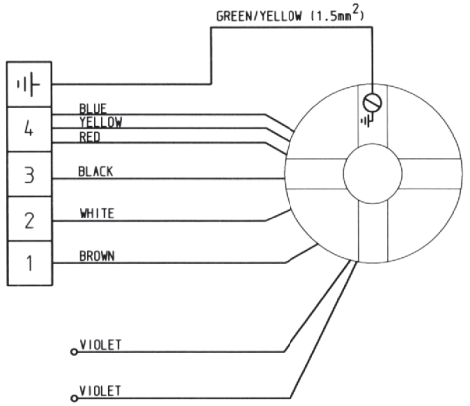
ELECTRICALLY APPROVED BY:- P.BOYLES

DATE: 3/2/00

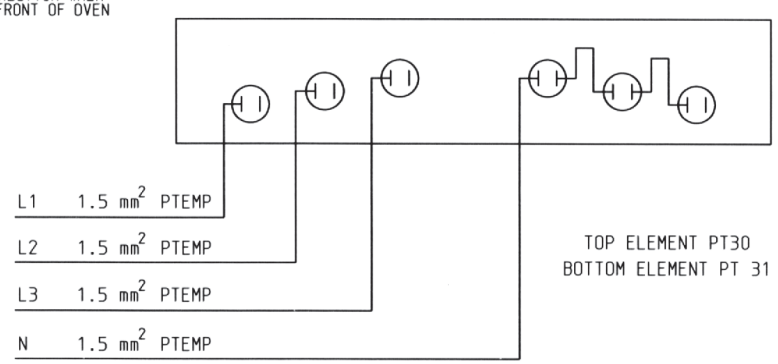
DRAWING NO. M150E25-03300

REV: A

IF IN ANY DOUBT - ASK

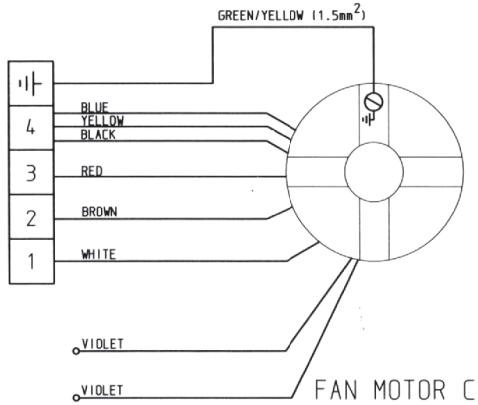


TOP MOTOR PT 18
CLOCKWISE DIRECTION WHEN
VIEWED FROM FRONT OF OVEN



TOP ELEMENT PT30
BOTTOM ELEMENT PT 31

HEATING ELEMENT WIRING



BOTTOM MOTOR PT 19
ANTI-CLOCKWISE DIRECTION WHEN
VIEWED FROM FRONT OF OVEN

FAN MOTOR CONNECTIONS

REV	SIG	DATE	REVISION	ECN NO.

MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE: FAN MOTOR CONNECTIONS & HEATING ELEMENT WIRING 10 TRAY OVEN

ELECTRICAL SPECIFICATIONS:- 380/415V 3PH+N 50Hz

DRAWN: A.L.W.

ELECTRICALLY APPROVED BY:- P. BOYLES

DATE: 3/2/00

DRAWING NO. M150E25-03400

REV: -

FG156 CLASSIC 2 TRAY

SECTION 2

FOR ENGINEERS USE ONLY.
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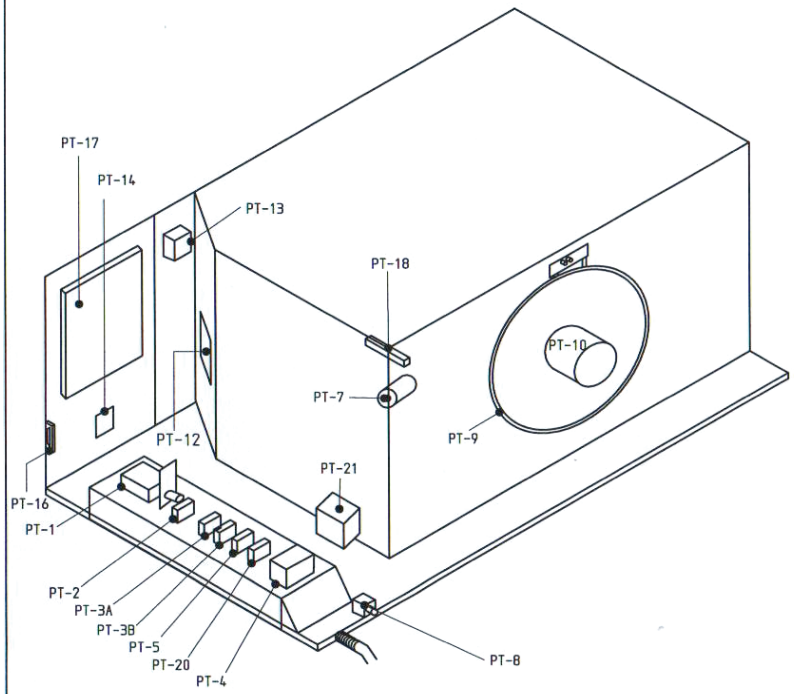
IF IN DOUBT, CONTACT MONO FOR ADVICE

IF IN ANY DOUBT - ASK



DRAWING PT-Ref		DESCRIPTION	MONO PART NUMBER
PT-1		24V DC POWER SUPPLY	B801-93-005
PT-2		INTERNAL LIGHT RELAY	B723-37-021
PT-3A		FAN MOTOR RELAY	B723-37-021
PT-3B		FAN MOTOR RELAY	B723-37-021
PT-4		HEATING ELEMENT CONTACTOR	3801-08-021
PT-5		CONTROL FUSE	B842-85-039
PT-7		DAMPER SOLENOID	B749-83-003
PT-8		2T WATER INLET ASSY	156-37-00400
* PT-9	(240V)	HEATING ELEMENT	B854-04-117
PT-10		FAN MOTOR	B720-74-004
PT-12a		INTERIOR LIGHT UNIT	B721-67-011
PT-12b		INTERIOR LIGHT BULB (HAL)	B857-94-007
PT-13		DOOR SWITCH	B842-07-023
PT-14		ON/OFF SWITCH	B836-07-004
PT-16		DATA LINK SOCKET LEAD	B705-25-005
PT-17a		PCB ASSEMBLY	B705-97-013
PT-18		OVEN THERMOCOUPLE	B873-95-002
PT-20		INTERIOR LIGHT FUSE	B842-85-042
PT-21		OVERHEAT THERMOSTAT	B888-30-014
PT-23		CAPACITOR	B720-23-003

REV	SIG	DATE	REVISION	ECN NO.

MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE:
ELECTRICAL COMPONENTS LAYOUT
2 TRAY 1 PHASE CLASSIC
TWO-WAY FAN

ELECTRICAL SPECIFICATIONS:-
220/240V
1 PHASE

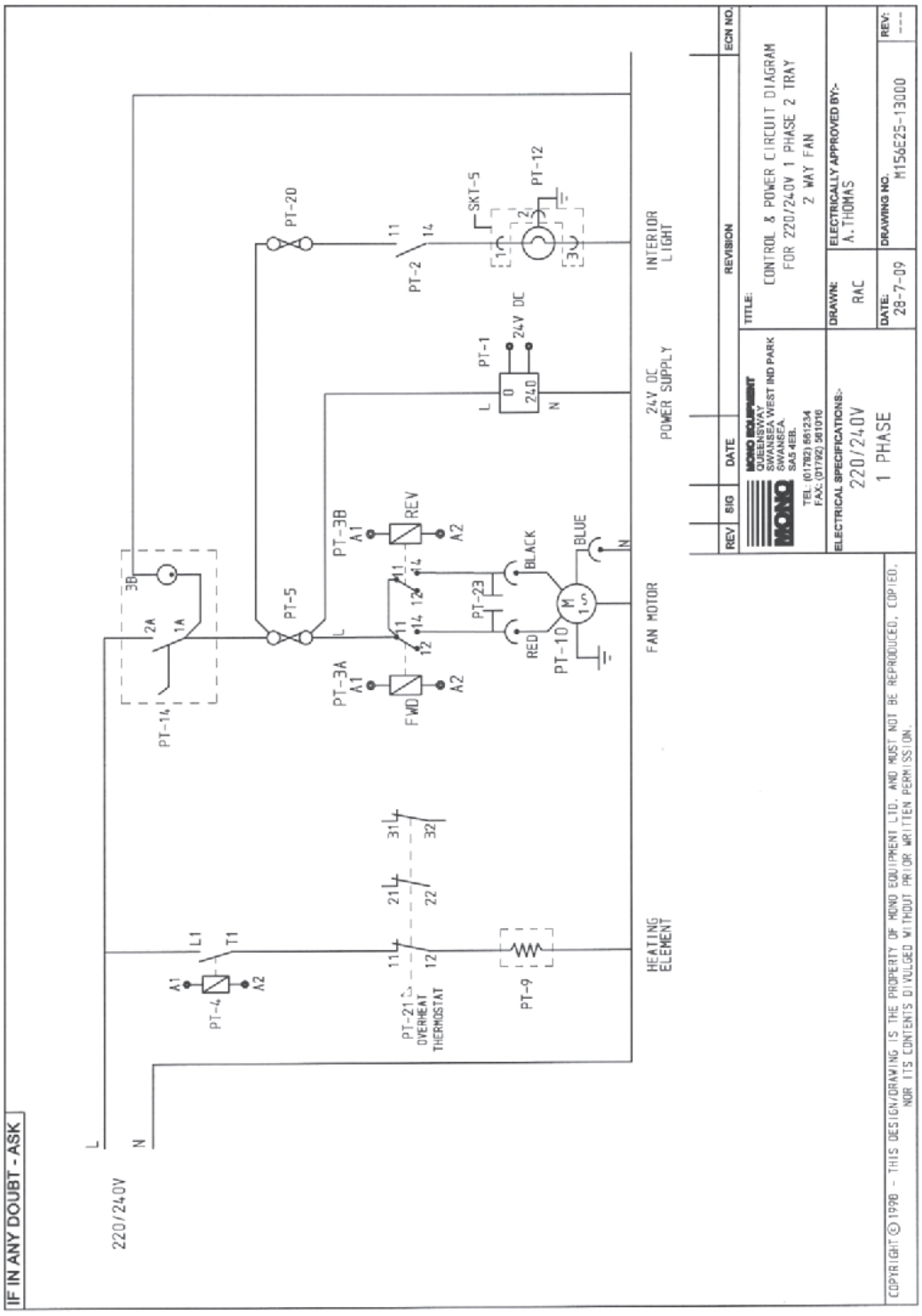
DRAWN: JC/RAC

ELECTRICALLY APPROVED BY:-

DATE: 70809

DRAWING NO. M156E25-13500

REV: --


IF IN ANY DOUBT - ASK
220/240V
L
N
PT-4
A1
A2
L1
T1
PT-21
OVERHEAT
THERMOSTAT
11
12
21
22
31
32
PT-9
HEATING
ELEMENT
PT-14
3B
2A
1A
PT-5
PT-3A
PT-3B
FWD
REV
A1
A2
PT-23
PT-10
BLACK
RED
BLUE
FAN MOTOR
PT-20
PT-2
PT-1
24V DC
POWER SUPPLY
SKT-5
PT-12
INTERIOR
LIGHT
REV
SIG
DATE
REVISION
ECN NO.
MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA
SA5 4EB
TEL: (01792) 561234
FAX: (01792) 561010
TITLE:
CONTROL & POWER CIRCUIT DIAGRAM
FOR 220/240V 1 PHASE 2 TRAY
2 WAY FAN
ELECTRICAL SPECIFICATIONS:-
220/240V
1 PHASE
DRAWN:
RAC
DATE:
28-7-09
ELECTRICALLY APPROVED BY:-
A.THOMAS
DRAWING NO.
M156E25-13000
REV:

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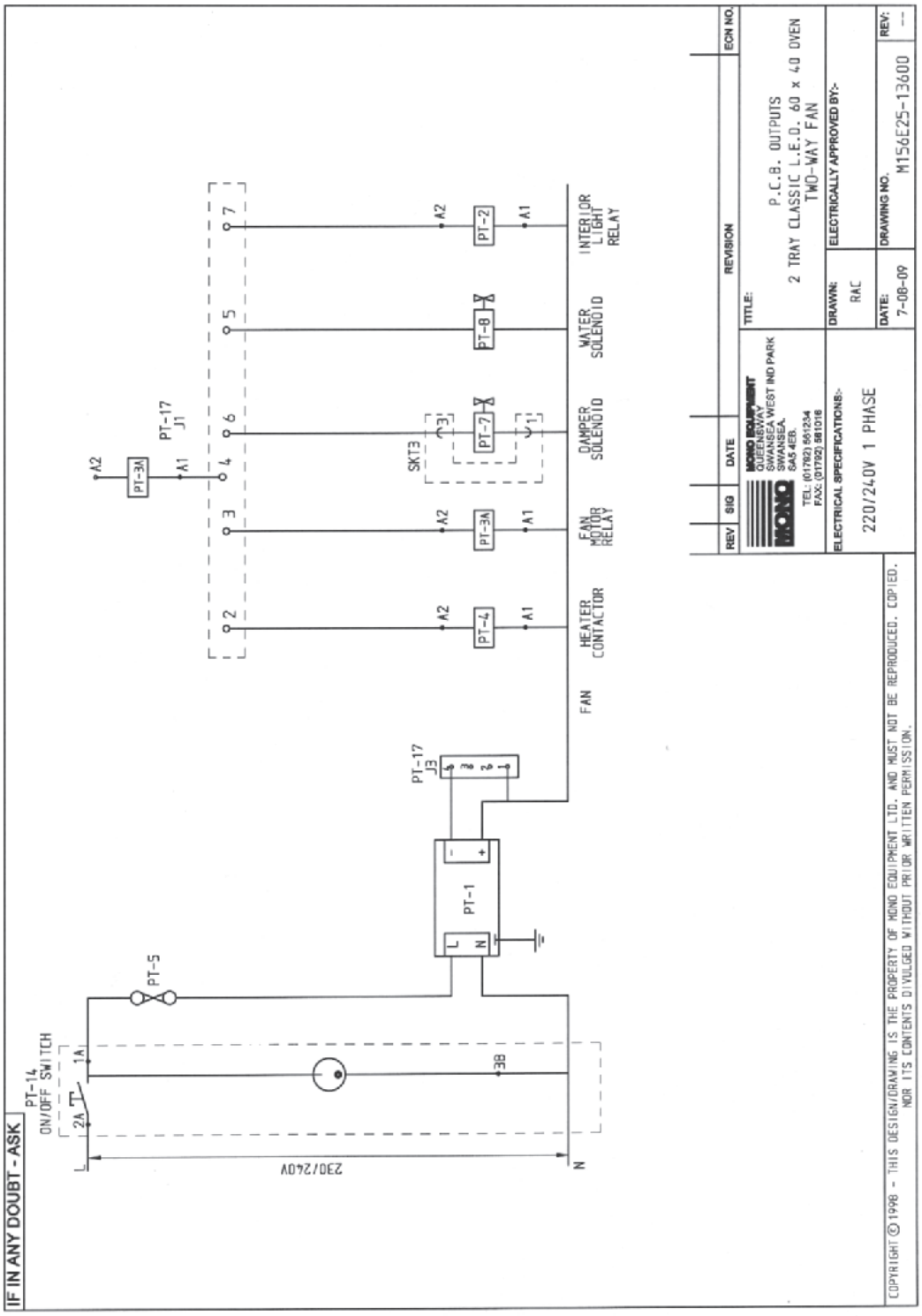
IF IN ANY DOUBT - ASK
PT-14
ON/OFF SWITCH
2A
1A
PT-5
3B
PT-1
L
N
230/240V
N
PT-17
J3
FAN
HEATER
CONTACTOR
PT-4
A2
A1
FAN
MOTOR
RELAY
PT-3A
SKT3
PT-7
DAMPER
SOLENOID
PT-8
WATER
SOLENOID
PT-2
INTERIOR
LIGHT
RELAY
PT-17
J1
PT-3M
2
3
4
5
6
7
REV
SIG
DATE
REVISION
ECN NO.
MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4ER.
TEL: (01792) 561234
FAX: (01792) 561016
TITLE:
P.C.B. OUTPUTS
2 TRAY CLASSIC L.E.D. 60 x 40 OVEN
TWO-WAY FAN
ELECTRICAL SPECIFICATIONS:-
220/240V 1 PHASE
DRAWN:
RAC
DATE:
7-08-09
ELECTRICALLY APPROVED BY:-
DRAWING NO.
M156E25-13600
REV:
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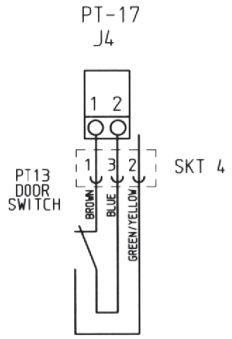
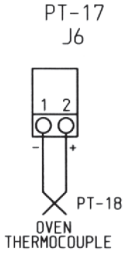
IF IN ANY DOUBT - ASK





REV	SIG	DATE	REVISION	ECN NO.

MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE: P.C.B. INPUTS 2 TRAY 'CLASSIC' L.E.D.

ELECTRICAL SPECIFICATIONS:- 220/240V 1 PHASE 380/415 2 PHASE + N

DRAWN: MT

ELECTRICALLY APPROVED BY:- P.BOYLES

DATE: 14-1-99

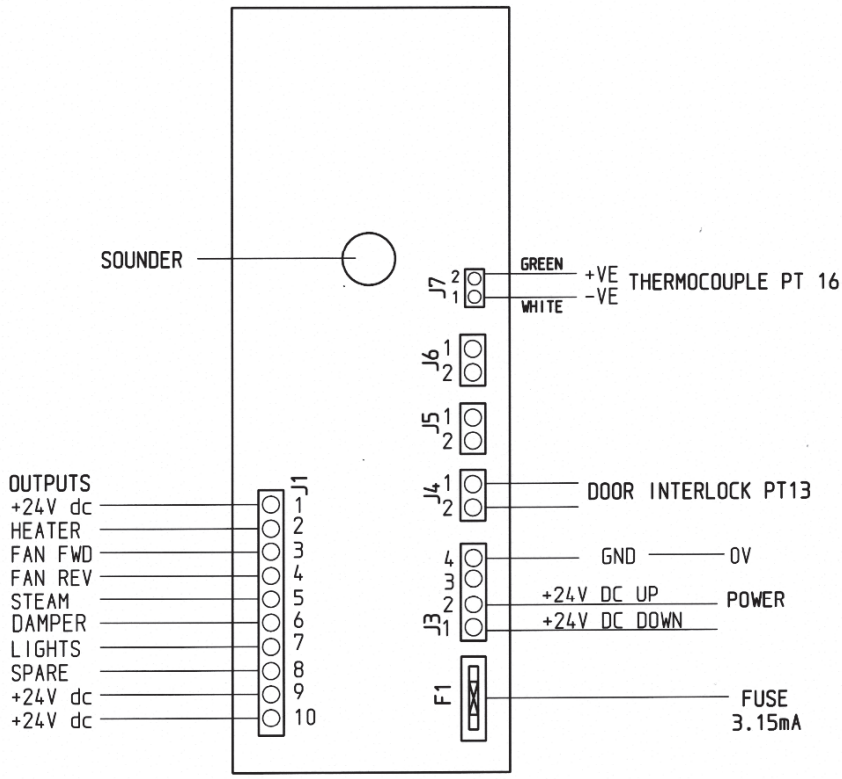
DRAWING NO. M156-25-50500

REV: -

IF IN ANY DOUBT - ASK

CONTROLLER BOARD AS VIEWED FROM COMPONENT SIDE

'CLASSIC' OVEN CONTROLLER



REV	SIG	DATE	REVISION	ECN NO.
D	RAC	4-11-16	PICTORIAL CHANGES. BOARD WAS B705-97-013 NOW B705-97-027	BX-006-16-17
C	JC	24-1-03	DELETE SMALL COOLING FAN (IN CONJUNCTION WITH ECN 1927)	1925
B	JC	22-1-03	ADD WIRING FOR REAR FAN UNIT	1927
A	JC	22-2-01	RE-ARRANGE POWER CIRCUIT WIRES TO PCB	14/19

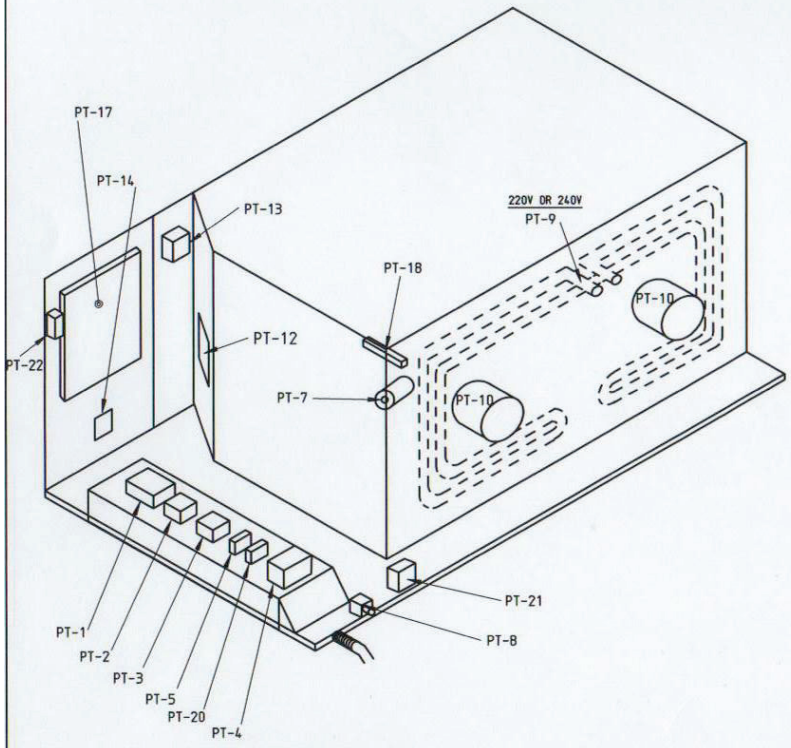
MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

ELECTRICAL SPECIFICATIONS:-

TITLE: MAIN P.C.B. CONNECTIONS
4 TRAY CLASSIC OVEN

DRAWN:	ELECTRICALLY APPROVED BY:-	
MT		
DATE:	**DRAWING NO.**	**REV:**
1-12-98	M158E25-50800	D

IF IN ANY DOUBT - ASK



DRAWING PT-Ref		DESCRIPTION	MONO PART NUMBER
PT-1		24V DC POWER SUPPLY	B801-93-005
PT-2		INTERNAL LIGHT RELAY	B723-37-001
PT-3		FAN MOTOR RELAY	B723-37-002
PT-4		HEATING ELEMENT CONTACTOR	B801-08-021
PT-5		CONTROL FUSE	B842-85-039
PT-7		DAMPER SOLENOID	B749-83-003
PT-8		WATER INLET ASSY	156-37-00400
* PT-9	(240V)	HEATING ELEMENT	B847-04-049
* PT-9	(220V)	HEATING ELEMENT	B847-04-053
PT-10		FAN MOTOR	B869-75-016
PT-12a		INTERIOR LIGHT UNIT	B721-67-011
PT-12b		INTERIOR LIGHT BULB	B857-94-007
PT-13		DOOR SWITCH	B842-07-037
PT-14		ON/OFF SWITCH	B836-07-004
PT-17		MAIN L.E.D. P.C.B.	B705-97-013
PT-18		OVEN THERMOCOUPLE	B873-95-002
PT-20		INTERIOR LIGHT FUSE	B842-85-042
PT-21		OVERHEAT THERMOSTAT	B888-30-014
PT-22		FAN	B842-75-002

REV	SIG	DATE	REVISION	ECN NO.
K	JC	02-05-19	PT-13 WAS B842-07-023	BX-007-18-19
J	RAC	29-03-10	PT-12A WAS B721-67-011, PT-12B WAS B857-94-007	315/09
I	JC	29-01-09	PT13 WAS ASSY 154-25-01200 (B801-11-001)	195/08
H	JC	30-10-06	PT-7 WAS B749-83-001	2868
G	RAC	20-10-05	Contactors B801 was B859	2573
F	JC	27-7-05	PT-18 WAS B873-95-001	2525
E	JC	11-7-05	PT-8 WAS B994-83-006	2507
D	JC	13-6-05	PT-1a WAS B705-93-006	2483
C	JC	7-4-05	PT-12A WAS B721-67-001	2435
B	JC	22-11-04	PT-14 WAS B842-07-014	2329
A	JC	3-3-99	PT-21 WAS B888-30-013	08/22

MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE: ELECTRICAL COMPONENTS LAYOUT
2 TRAY 1 PHASE 'CLASSIC'

ELECTRICAL SPECIFICATIONS:- 220/240V 1 PHASE

DRAWN: MT

ELECTRICALLY APPROVED BY:-

DATE: 14-1-99

DRAWING NO. M156E25-50200

REV: K

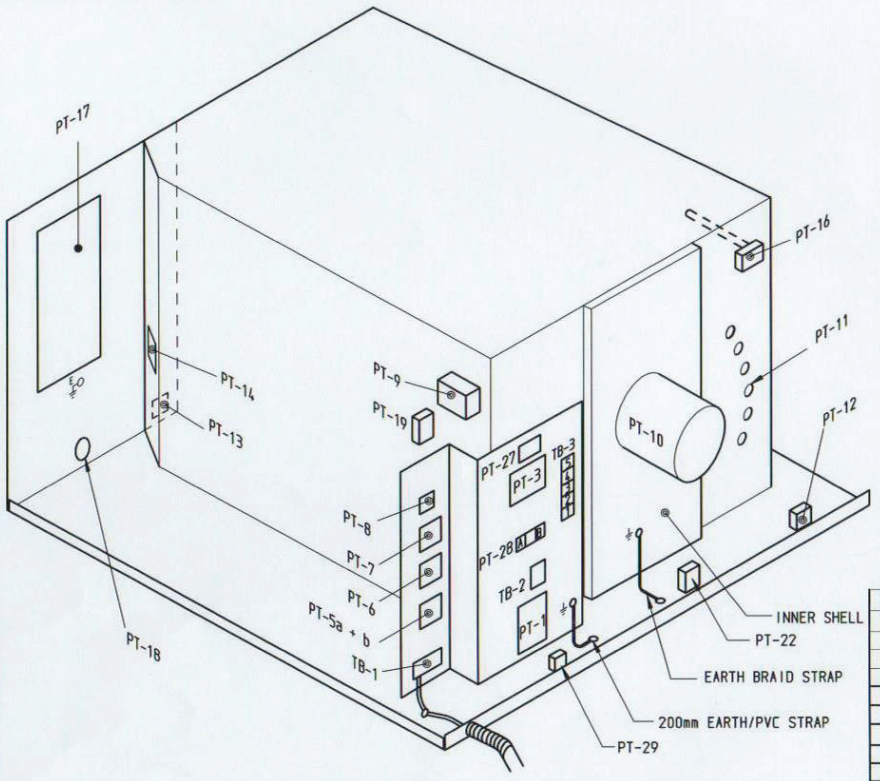
FG153/158/159 CLASSIC 4 TRAY 3 PHASE

M159E25-11300	COMPONENTS (159 ONLY)
M158E25-52000	COMPONENTS (153/158 ONLY)
M158E25-50800	PCB CONNECTIONS
M158E25-50500	PCB INPUTS
M158E25-50100	PCB OUTPUTS
M158E25-20700	CONTROL CIRCUIT
M158E25-01800	POWER CIRCUIT
M158E25-01900	FAN CONNECTIONS AND ELEMENT WIRING

SECTION 3

FOR ENGINEERS USE ONLY.
DO NOT ATTEMPT ANY ALTERATIONS.
IF IN DOUBT, CONTACT MONO FOR ADVICE

IF IN ANY DOUBT - ASK



DRAWING PT-Ref	DESCRIPTION	MONO PART NUMBER
PT-1	24V DC POWER SUPPLY UNIT	B801-93-002
PT-3	CONTROL CIRCUIT M.C.B.	B872-22-062
PT-5a	FAN MOTOR OVERLOAD UNIT	B801-03-023
PT-5b	FAN MOTOR OVERLOAD AUXILIARY CONTACT	B801-14-012
PT-6	FAN MOTOR FORWARD CONTACTOR	B801-08-031
PT-7	FAN MOTOR REVERSE CONTACTOR	B801-08-031
PT-8	HEATING ELEMENT CONTACTOR	B801-08-021
PT-9	DAMPER SOLENOID (L/H)	B749-83-003
	DAMPER SOLENOID (R/H)	B749-83-004
PT-10	FAN MOTOR UNIT	B720-74-005
PT-11	HEATING ELEMENT (240v)	B847-04-068
PT-12	4T WATER INLET ASSY	158-17-00400
PT-13	DOOR SWITCH	B842-07-037
PT-14B	INTERIOR LIGHT BULB	B855-94-009
PT-16	THERMOCOUPLE	B873-95-002
PT-17	MAIN P.C.B.	B705-97-013
PT-18	MAIN ON/OFF SWITCH	B836-07-004
PT-19	REAR COOLING FAN	B869-75-018
PT-22	OVERHEAT THERMOSTAT	B888-30-014
PT-27	FAN FUSE	B842-85-025
PT-28	AUX FUSE	B842-85-039
PT-29	AUX SUPPLY SOCKET	B970-06-001

REV	SIG	DATE	REVISION	ECN NO.
L	JC	02-05-19	PT-13 WAS B842-07-023	BX-001-18-19
K	JC	27-11-18	PT-10 WAS B720-74-001	BX-009-17-18
J	RAC	11-11-09	PT2, 25, 14A DELETED PT14B WAS B857-94-004	195/08
H	JC	29-01-09	PT13 WAS ASSY 154-25-01200 (B801-11-001)	195/08
G	JC	27-03-07	PT28 & 29 ADDED	2946
F	JC	30-10-06	PT-9 WAS B749-83-001 & B749-83-002	2868
E	JC	7-11-05	B801 WAS B859	2573
D	JC	3-8-05	PT-12 WAS B994-83-003	2528
C	JC	27-7-05	PT-16 WAS B873-95-001	2525
B	JC	13-6-05	PT-1 WAS B705-93-006	2483
A	JC	7-4-05	PT-14A WAS B721-67-001	2435

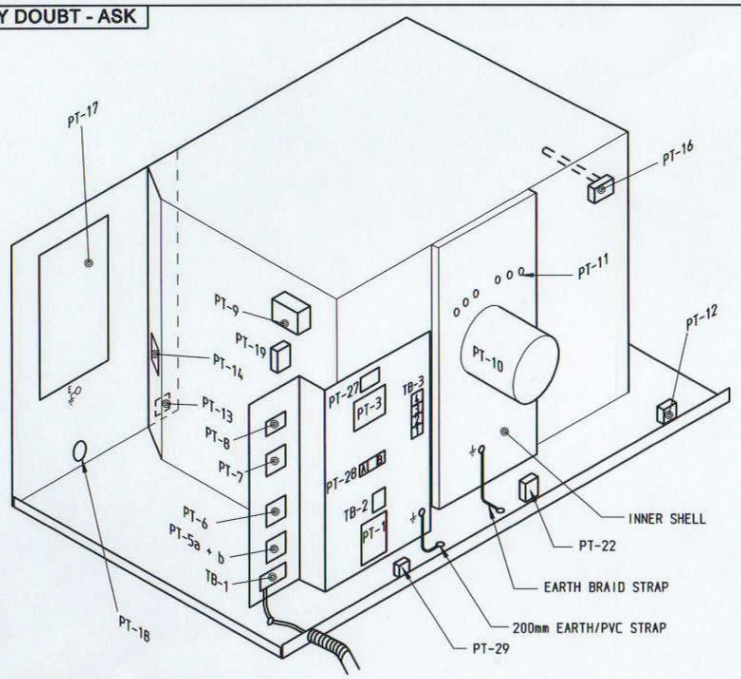
MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE:
ELECTRICAL COMPONENTS LAYOUT
4 TRAY 30 X 18 CLASSIC
WITH FORWARD & REVERSE FANS

ELECTRICAL SPECIFICATIONS:-
380/415v 3PH 50Hz

DRAWN: JC
ELECTRICALLY APPROVED BY:-
DATE: 24-02-05
DRAWING NO. M159E25-11300
REV: L

IF IN ANY DOUBT - ASK



DRAWING PT-Ref	DESCRIPTION	MONO PART NUMBER
PT-1	24V DC POWER SUPPLY UNIT	B801-93-005
PT-3	CONTROL CIRCUIT M.C.B.	B872-22-062
PT-5a	FAN MOTOR OVERLOAD UNIT	B801-03-023
PT-5b	FAN MOTOR OVERLOAD AUXILIARY CONTACT	B801-14-012
PT-6	FAN MOTOR FORWARD CONTACTOR	B801-08-031
PT-7	FAN MOTOR REVERSE CONTACTOR	B801-08-031
PT-8	HEATING ELEMENT CONTACTOR	B801-08-021
PT-9	DAMPER SOLENOID (L/H)	B749-83-003
	DAMPER SOLENOID (R/H)	B749-83-004
PT-10	FAN MOTOR UNIT	B720-74-005
• PT-11	HEATING ELEMENT (240v)	B847-04-067
• PT-11	HEATING ELEMENT (220v)	B847-04-074
PT-12	4T WATER INLET ASSY	158-17-00400
PT-13	DOOR SWITCH	B842-07-037
PT-14B	INTERIOR LIGHT BULB	B859-94-009
PT-16	THERMOCOUPLE	B873-95-002
PT-17	MAIN P.C.B.	B705-97-013
PT-18	MAIN ON/OFF SWITCH	B836-07-004
PT-19	REAR COOLING FAN	B869-75-018
PT-22	OVERHEAT THERMOSTAT	B888-30-014
PT-27	FAN FUSE	B842-85-025
PT-28	AUX FUSE	B842-85-039
PT-29	AUX SUPPLY SOCKET	B970-06-001

REV	SIG	DATE	REVISION	ECN NO.
P	JC	02-05-19	PT-13 WAS B842-07-023	BX-001-18-19
N	JC	27-11-18	PT-10 WAS B720-74-001	BX-009-17-18
M	RAC	11-11-09	PT 2, 14A, 25 DELETED PT14B WAS B857-94-004	315/09
L	JC	29-01-09	PT13 WAS ASSY 154-25-01200 (B801-11-001)	195/08
K	JC	27-03-07	PT-28 & 29 ADDED	2946
J	JC	30-10-06	PT-9 WAS B749-83-001 & B749-83-002	2868
I	JC	7-11-05	B801 WAS B859	2573
H	JC	3-8-05	PT-12 WAS B994-83-003	2528
G	JC	27-7-05	PT-16 WAS B873-95-001	2525
F	JC	13-6-05	PT-1 WAS B705-93-006	2483
E	JC	7-4-05	PT-14A WAS B721-67-001	2435
D	JC	22-11-04	PT-18 WAS B842-07-014	2329
C	JC	22-11-04	PT-19 WAS B869-75-023	2318
B	JC	24-1-03	DELETE EXISTING SMALL COOLING FAN (IN CONJUNCTION WITH ECN 1927)	1925
A	JC	22-1-03	PT-27 AND WIRING FOR REAR FAN UNIT ADDED	1927

MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE: ELECTRICAL COMPONENTS LAYOUT
60 X 40 'CLASSIC' 4 TRAY OVEN
WITH RING ELEMENTS

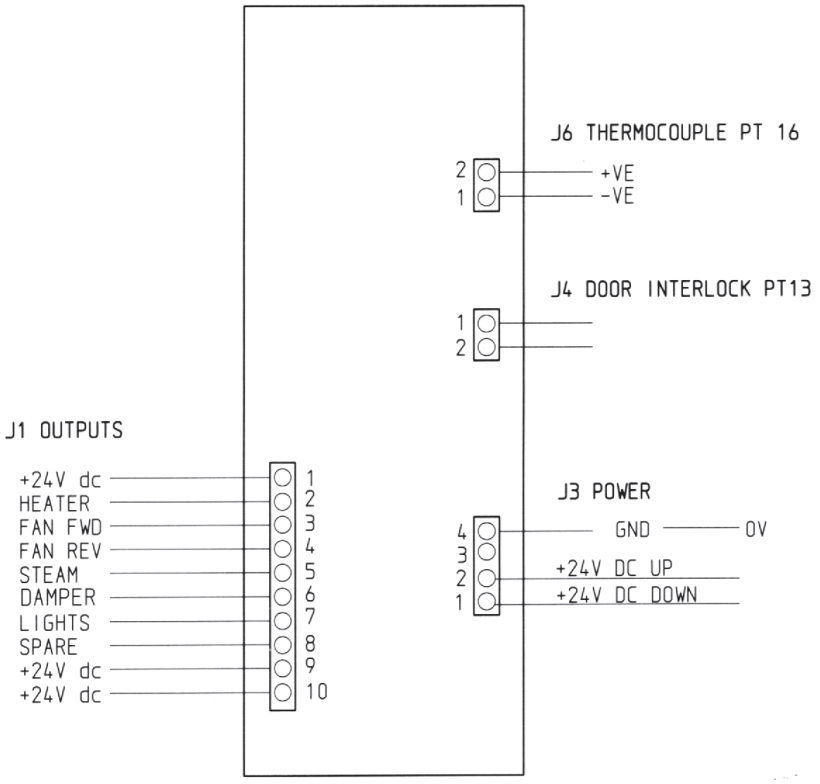
ELECTRICAL SPECIFICATIONS:-
380/415v 3PH 50Hz

DRAWN: MT/JC
ELECTRICALLY APPROVED BY:-
DATE: 26-11-98
DRAWING NO. M158E25-52000
REV: P

IF IN ANY DOUBT - ASK

CONTROLLER BOARD AS VIEWED FROM COMPONENT SIDE

MONO 'CLASSIC' OVEN CONTROLLER



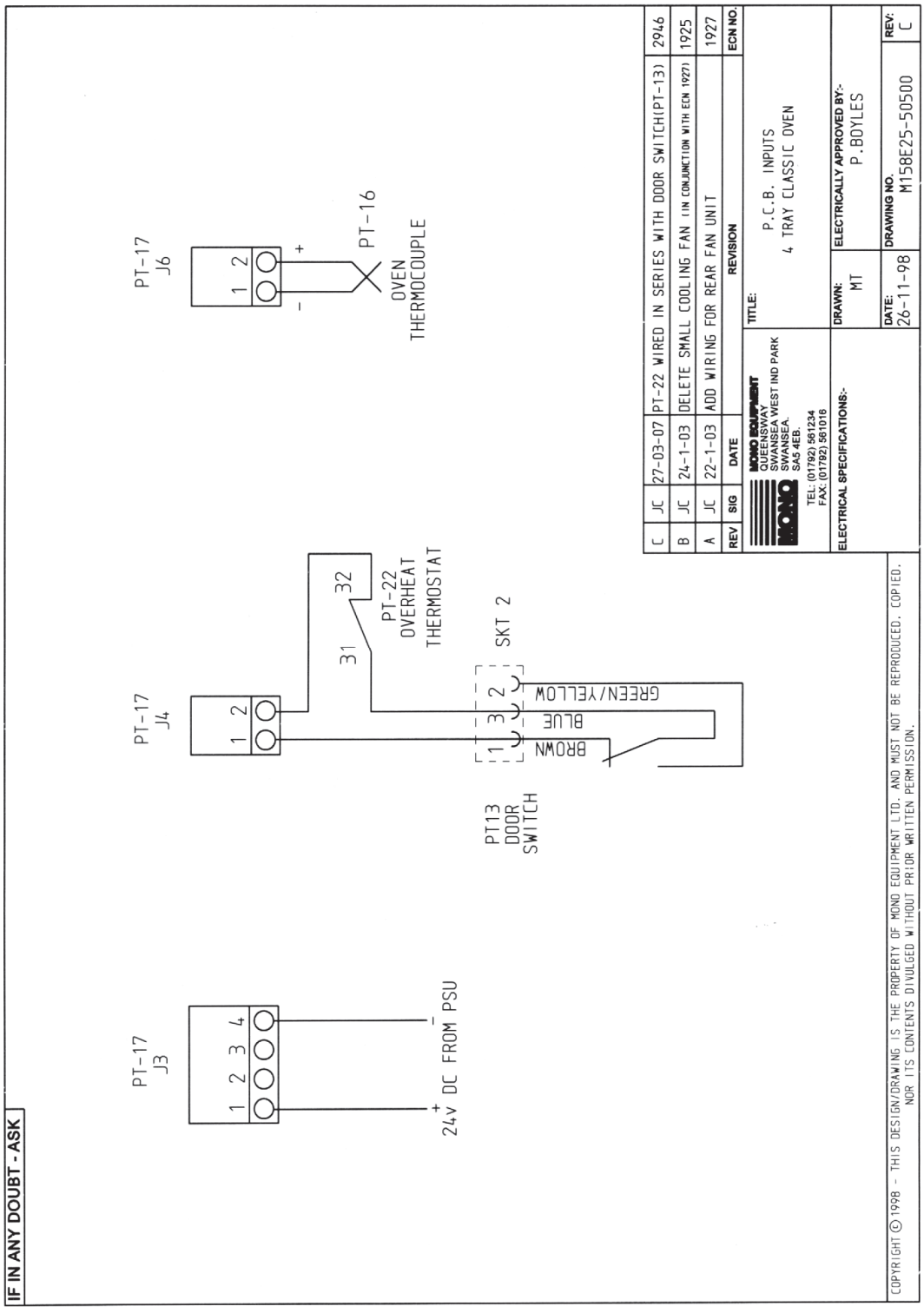
REV	SIG	DATE	REVISION	ECN NO.
C	JC	24-1-03	DELETE SMALL COOLING FAN (IN CONJUNCTION WITH ECN 1927)	1925
B	JC	22-1-03	ADD WIRING FOR REAR FAN UNIT	1927
A	JC	22-2-01	RE-ARRANGE POWER CIRCUIT WIRES TO PCB	14/19

MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

ELECTRICAL SPECIFICATIONS:-

TITLE: MAIN P.C.B. CONNECTIONS
4 TRAY CLASSIC OVEN

DRAWN:	ELECTRICALLY APPROVED BY:-	
MT	P.BOYLES	
DATE:	**DRAWING NO.**	**REV:**
1-12-98	M158E25-50800	C


IF IN ANY DOUBT - ASK
PT-17
J3
1 2 3 4
24v DC FROM PSU
+
-
PT-17
J4
1 2
31
32
PT-22
OVERHEAT
THERMOSTAT
PT13
DOOR
SWITCH
SKT 2
1 3 2
BROWN
BLUE
GREEN/YELLOW
PT-17
J6
1 2
+
-
PT-16
OVEN
THERMOCOUPLE
C JC 27-03-07 PT-22 WIRED IN SERIES WITH DOOR SWITCH(PT-13) 2946
B JC 24-1-03 DELETE SMALL COOLING FAN (IN CONJUNCTION WITH ECN 1927) 1925
A JC 22-1-03 ADD WIRING FOR REAR FAN UNIT 1927
REV SIG DATE REVISION ECN NO.
MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 581016
TITLE:
P.C.B. INPUTS
4 TRAY CLASSIC OVEN
ELECTRICAL SPECIFICATIONS:-
DRAWN: MT
ELECTRICALLY APPROVED BY:- P.BOYLES
DATE: 26-11-98
DRAWING NO. M158E25-50500
REV: C
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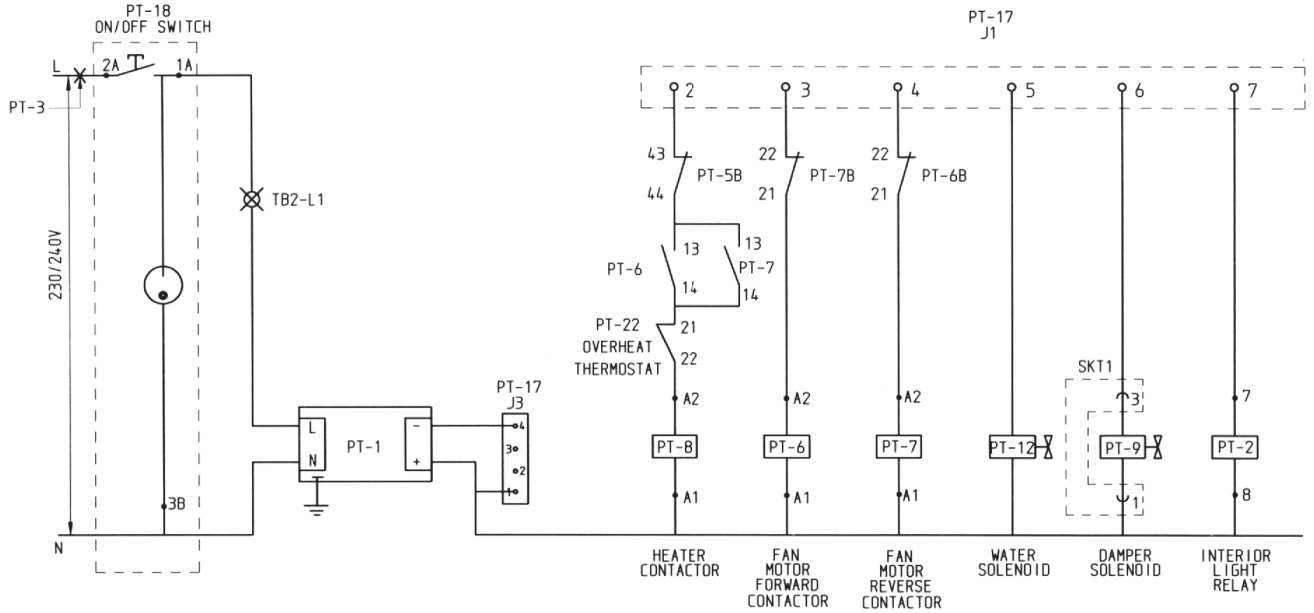
IF IN ANY DOUBT - ASK



REV	SIG	DATE	REVISION	ECN NO.
F	JC	27-03-07	PT-22 WIRING CHANGED	2946
E	JC	7-11-05	A1 AND A2 CHANGED AROUND	2573
D	JC	22-11-04	PT-18 WAS B869-75-023	2318
C	JC	26-9-03	PT18 WIRED IN CONJUNCTION WITH ECN 2055-2057	2058
B	JC	24-1-03	DELETE SMALL COOLING FAN (IN CONJUNCTION WITH ECN 1927)	1925
A	JC	22-1-03	ADD WIRING FOR REAR FAN UNIT	1927

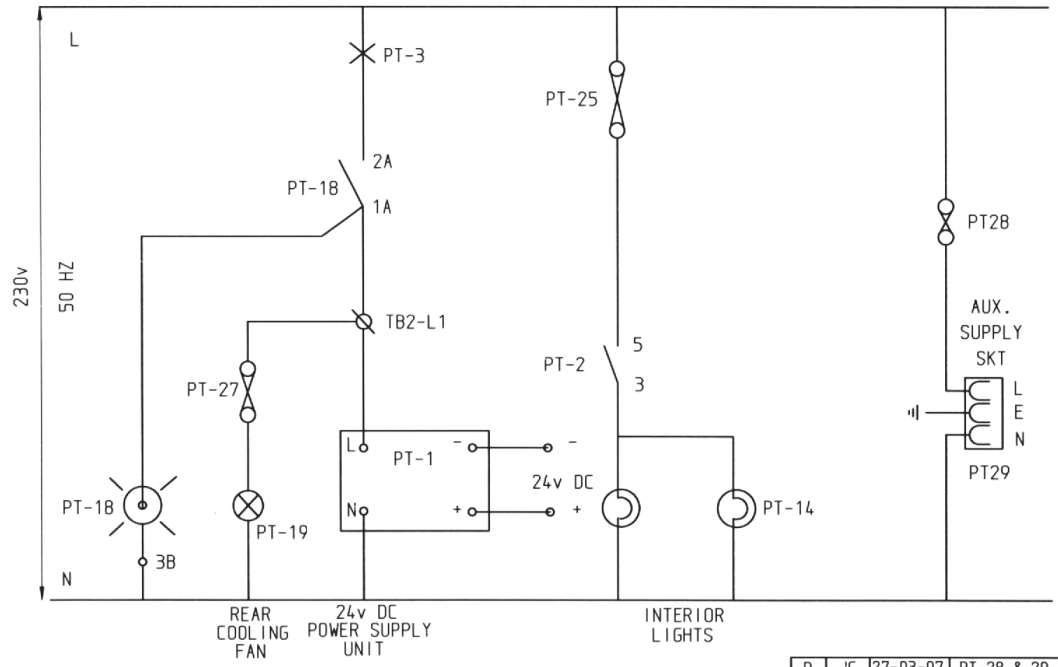
MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE:
P.C.B. OUTPUTS
4 TRAY CLASSIC L.E.D. OVEN

ELECTRICAL SPECIFICATIONS:-
380/415V 3 PHASE 50Hz

DRAWN: MT
ELECTRICALLY APPROVED BY:- P.BOYLES
DATE: 26-11-98
DRAWING NO. M158E25-50100
REV: F

IF IN ANY DOUBT - ASK



REV	SIG	DATE	REVISION	ECN NO.
D	JC	27-03-07	PT-28 & 29 ADDED	2946
c	JC	22-11-04	PT-18 CHANGED	2329
B	JC	25-9-03	SWITCH (PT-18) CHANGED	2057
A	JC	22-1-03	ADD WIRING FOR REAR FAN UNIT	1927

MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE: BX 4 TRAY OVEN CONTROL CIRCUIT

ELECTRICAL SPECIFICATIONS:-

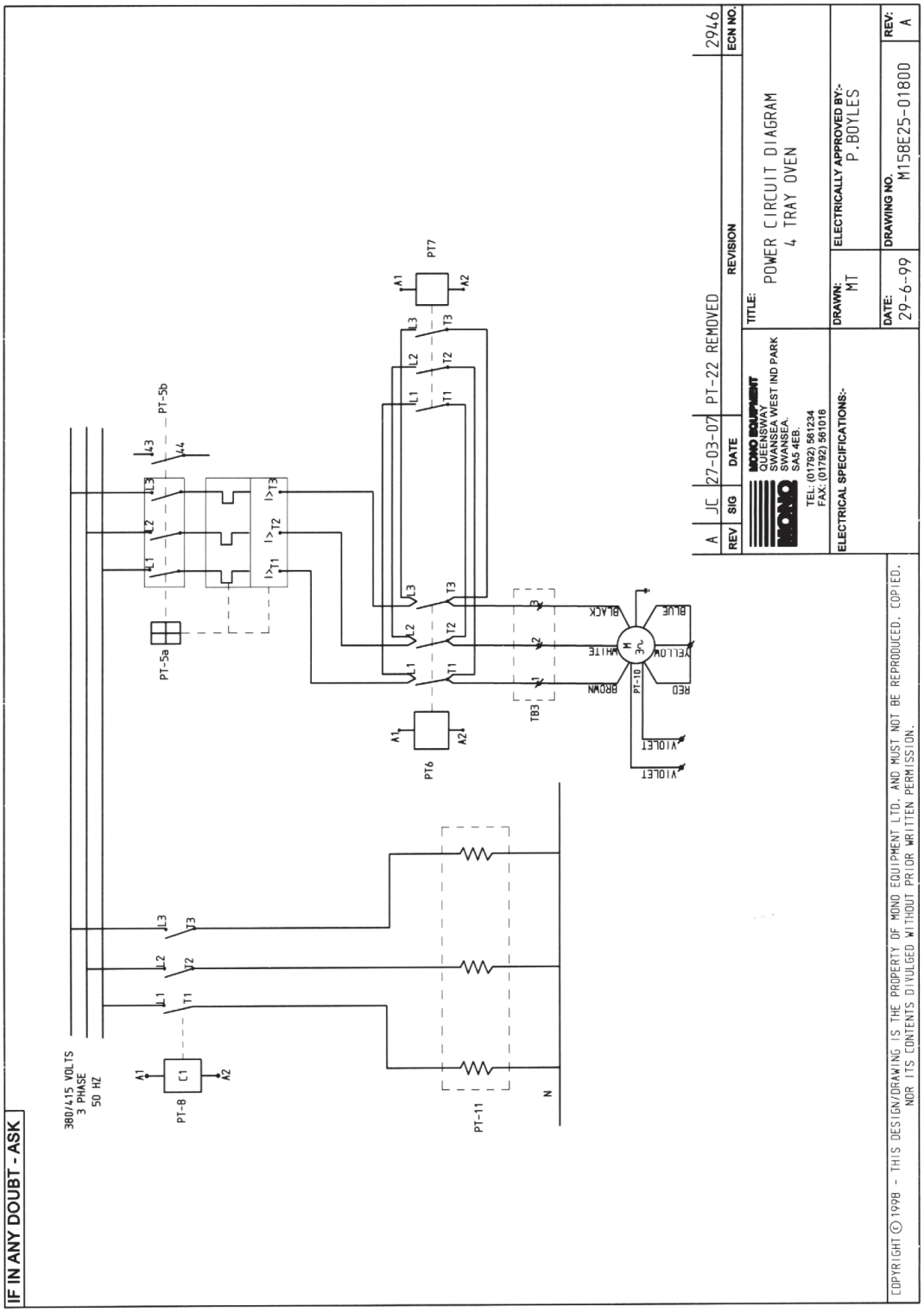
DRAWN: JC

ELECTRICALLY APPROVED BY:- P.BOYLES

DATE: 14/12/01

DRAWING NO. M158E25-20700

REV: D


IF IN ANY DOUBT - ASK
380/415 VOLTS
3 PHASE
50 HZ
PT-8
PT-11
PT-5a
PT-5b
PT6
PT7
PT-10
TB3
BLACK
WHITE
BROWN
BLUE
YELLOW
RED
VIOLET
VIOLET
N
A | JC | 27-03-07 | PT-22 REMOVED | 2946
REV | SIG | DATE | REVISION | ECN NO.
MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016
TITLE:
POWER CIRCUIT DIAGRAM
4 TRAY OVEN
ELECTRICAL SPECIFICATIONS:-
DRAWN: MT
ELECTRICALLY APPROVED BY:- P.BOYLES
DATE: 29-6-99
DRAWING NO. M158E25-01800
REV: A
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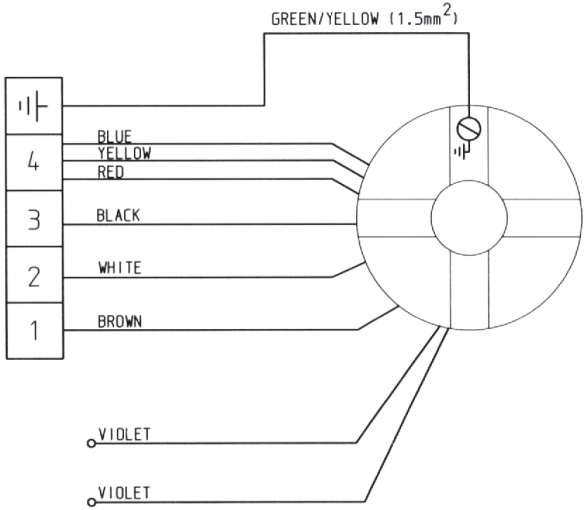
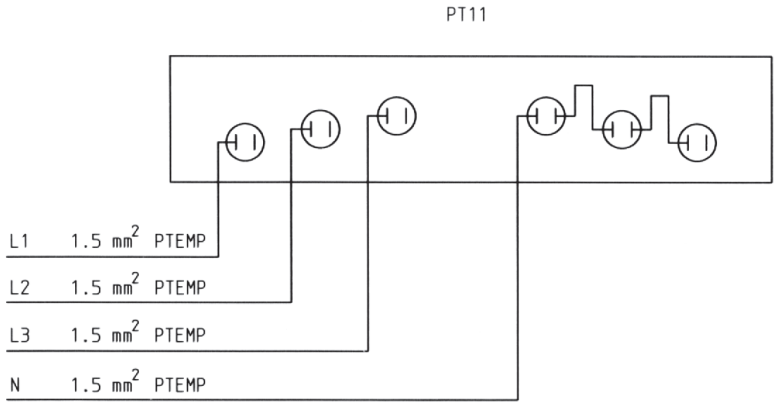
IF IN ANY DOUBT - ASK



FAN MOTOR CONNECTIONS



HEATING ELEMENT WIRING

REV	SIG	DATE	REVISION	ECN NO.

MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE: FAN MOTOR CONNECTIONS & HEATING ELEMENT WIRING (RING ELEMENT TYPE)

ELECTRICAL SPECIFICATIONS:- 380/415V 3PH 50Hz

DRAWN: MT

ELECTRICALLY APPROVED BY:- P. BOYLES

DATE: 29-6-99

DRAWING NO. M158-25-01900

REV: -

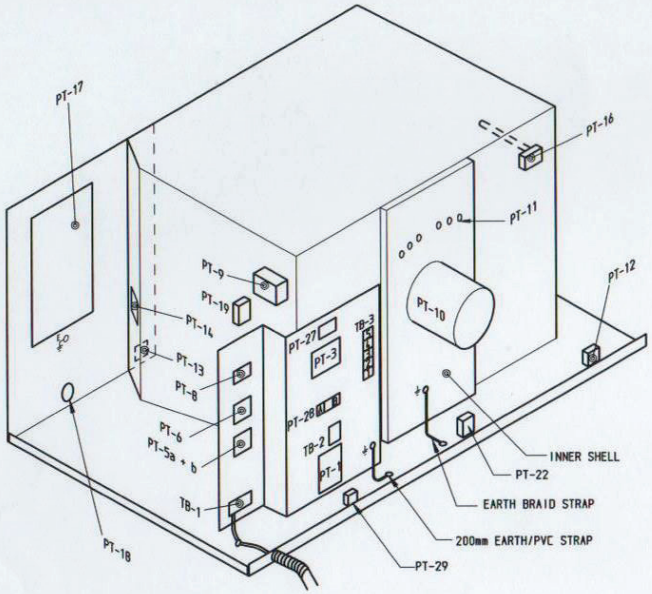
FG153/158/159 CLASSIC 4 TRAY 1 PHASE

M158E25-51200	COMPONENTS (153/158 ONLY)
M159E25-11200	COMPONENTS (159 ONLY)
M158E25-51400	PCB OUTPUTS
M158-25-51500	PCB CONNECTIONS
M158E25-50500	PCB INPUTS
M158E25-20700	CONTROL CIRCUIT
M158E25-51300	POWER CIRCUIT
M158E25-52200	FAN CONNECTIONS AND ELEMENT WIRING

SECTION 4

FOR ENGINEERS USE ONLY.
DO NOT ATTEMPT ANY ALTERATIONS.
IF IN DOUBT, CONTACT MONO FOR ADVICE

IF IN ANY DOUBT - ASK



DRAWING PT-Ref	DESCRIPTION	MONO PART NUMBER
PT-1	24V DC POWER SUPPLY UNIT	B801-93-005
PT-3	CONTROL CIRCUIT M.C.B.	B872-22-062
PT-5a	FAN MOTOR OVERLOAD UNIT	B801-03-023
PT-5b	FAN MOTOR OVERLOAD AUXILIARY CONTACT	B801-14-012
PT-6	FAN MOTOR FORWARD CONTACTOR	B801-08-031
PT-8	HEATING ELEMENT CONTACTOR	B801-08-021
PT-9	DAMPER SOLENOID (L/H)	B749-83-003
	DAMPER SOLENOID (R/H)	B749-83-004
PT-10	FAN MOTOR UNIT	B720-74-005
PT-11	HEATING ELEMENT	B847-04-067
PT-12	4T WATER INLET ASSY	158-17-00400
PT-13	DOOR SWITCH	B842-07-037
PT-14B	INTERIOR LIGHT BULB	B855-94-009
PT-16	THERMOCOUPLE	B873-95-002
PT-17	MAIN P.C.B.	B705-97-013
PT-18	MAIN ON/OFF SWITCH	B836-07-004
PT-19	REAR COOLING FAN	B869-75-018
PT-22	OVERHEAT THERMOSTAT	B888-30-014
PT-26	FAN MOTOR CAPACITOR	B720-23-001
PT-27	FAN FUSE	B842-85-025
PT-28	AUX FUSE	B842-85-039
PT-29	AUX SUPPLY SOCKET	B970-06-001

REV	SIG	DATE	REVISION	ECN NO.
Q	JC	02-05-19	PT-13 WAS B842-07-023	BX-001-18-19
P	JC	27-11-18	PT-10 WAS B720-74-001	BX-009-17-18
N	RAC	18/11/09	PT2,14A, 23 deleted. PT14B WAS B857-94-004	315/09
M	JC	29-01-09	PT13 WAS ASSY 154-25-01200 (B801-11-001)	195/08
L	JC	27-03-07	PT-28 & 29 ADDED	2946
K	JC	30-10-06	PT-9 WAS B749-83-001 & B749-83-002	2868
J	RAC	1-11-05	B801- was B859-	2573
I	JC	3-8-05	PT-12 WAS B994-83-003	2528
H	JC	27-7-05	PT-16 WAS B873-95-001	2525
G	JC	13-6-05	PT-1 WAS B705-93-006	2483
F	JC	7-4-05	PT-14A WAS B721-67-001	2435
E	JC	22-11-04	PT-18 WAS B842-07-014	2329
D	JC	22-11-04	PT-19 WAS B869-75-023	2318
C	JC	24-1-03	DELETE EXISTING SMALL COOLING FAN (IN CONJUNCTION WITH ECN 1927)	1925
B	JC	22-1-03	PT-27 AND WIRING FOR REAR FAN UNIT ADDED	1927
A	JC	27-1-00	PT-5a WAS B859-03-006	11/04

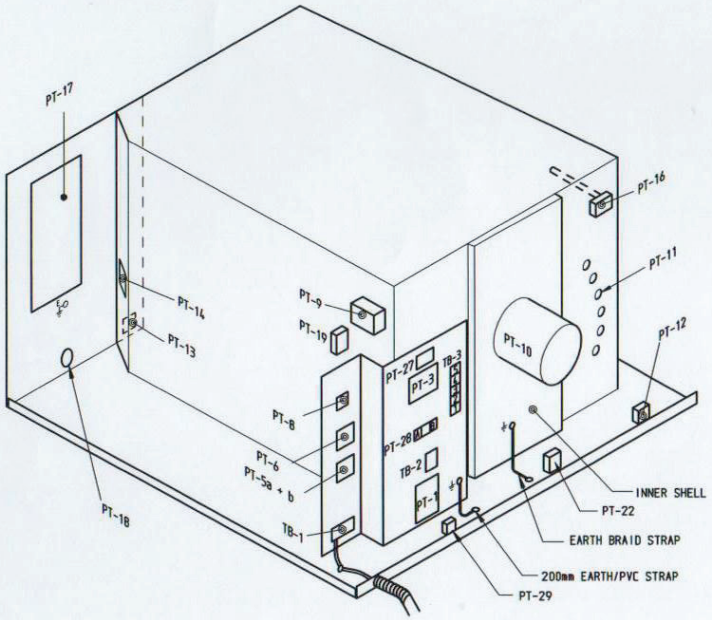
MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE: ELECTRICAL COMPONENTS LAYOUT
4 TRAY 60 X 40 CLASSIC,
ONE WAY FAN ROTATING OVEN WITH
STANDARD FAN IMPELLER

ELECTRICAL SPECIFICATIONS:-
230V 1PH 50Hz

DRAWN: MT/JC
ELECTRICALLY APPROVED BY:-
DATE: 7-7-99
DRAWING NO. M158E25-51200
REV: Q

IF IN ANY DOUBT - ASK



DRAWING PT-Ref	DESCRIPTION	MONO PART NUMBER
PT-1	24V DC POWER SUPPLY UNIT	B801-93-005
PT-3	CONTROL CIRCUIT M.C.B.	B872-22-062
PT-5a	FAN MOTOR OVERLOAD UNIT	B801-03-023
PT-5b	FAN MOTOR OVERLOAD AUXILIARY CONTACT	B801-14-012
PT-6	FAN MOTOR FORWARD CONTACTOR	B801-08-031
PT-8	HEATING ELEMENT CONTACTOR	B801-08-021
PT-9	DAMPER SOLENOID (L/H)	B749-83-003
	DAMPER SOLENOID (R/H)	B749-83-004
PT-10	FAN MOTOR UNIT	B720-74-005
PT-11	HEATING ELEMENT	B847-04-068
PT-12	4T WATER INLET ASSY	158-17-00400
PT-13	DOOR SWITCH	B842-07-037
PT-14B	INTERIOR LIGHT BULB	B855-94-009
PT-16	THERMOCOUPLE	B873-95-002
PT-17	MAIN P.C.B.	B705-97-013
PT-18	MAIN ON/OFF SWITCH	B836-07-004
PT-19	REAR COOLING FAN	B869-75-018
PT-22	OVERHEAT THERMOSTAT	B888-30-014
PT-26	FAN MOTOR CAPACITOR	B720-23-001
PT-27	FAN FUSE	B842-85-025
PT-28	AUX FUSE	B842-85-039
PT-29	AUX SUPPLY SOCKET	B970-06-001

REV	SIG	DATE	REVISION	ECN NO.
L	JC	02-05-19	PT-13 WAS B842-07-023	BX-001-18-19
K	JC	27-11-18	PT-10 WAS B720-74-001	BX-009-17-18
J	RAC	18-11-09	PT2, 14A, 25 DELETED. PT14B WAS B857-94-004	315/09
H	JC	29-01-09	PT13 WAS ASSY 154-25-01200 (B801-11-001)	195/08
G	JC	27-03-07	PT-28 & 29 ADDED	2946
F	JC	30-10-06	PT-9 WAS B749-83-001 & B749-83-002	2868
E	RAC	1-11-05	B801- was B859-	2573
D	JC	3-8-05	PT-12 WAS B994-83-003	2528
C	JC	27-7-05	PT-16 WAS B873-95-001	2525
B	JC	13-6-05	PT-1 WAS B705-93-006	2483
A	JC	7-4-05	PT-14A WAS B721-67-001	2435

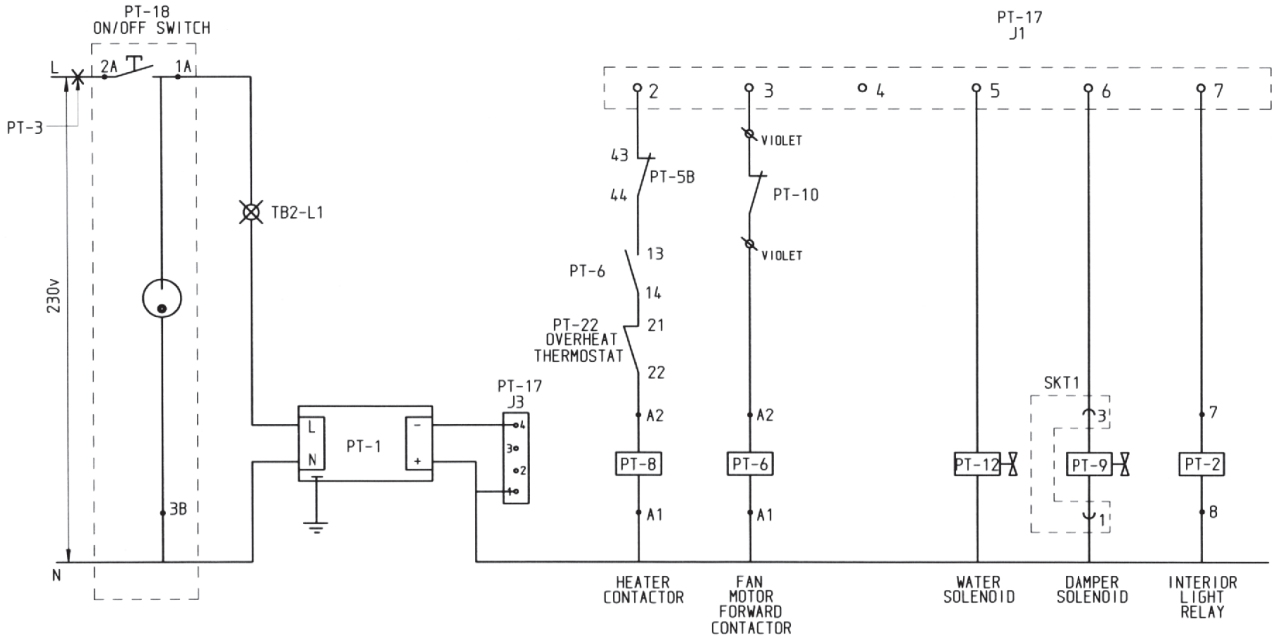
MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE: ELECTRICAL COMPONENTS LAYOUT
4 TRAY 30 X 18 CLASSIC.
ONE WAY FAN ROTATING OVEN WITH
STANDARD FAN IMPELLER

ELECTRICAL SPECIFICATIONS:-
230V 1PH 50Hz

DRAWN: JC
ELECTRICALLY APPROVED BY:-
DATE: 6-12-04
DRAWING NO. M159E25-11200
REV: L

IF IN ANY DOUBT - ASK



REV	SIG	DATE	REVISION	ECN NO.
F	JC	27-03-07	PT-22 WIRING CHANGED	2946
E	RAC	1-11-05	A1 A2 reversed	2573
D	JC	22-11-04	PT-18 WAS B842-07-014	2329
C	JC	26-9-03	PT18 WIRED IN CONJUNCTION WITH ECN 2055-2057	2058
	JC	24-1-03	DELETE SMALL COOLING FAN (IN CONJUNCTION WITH ECN 1927)	1925
A	JC	22-1-03	ADD WIRING FOR REAR FAN UNIT	1927

MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE: P.C.B. OUTPUTS
4 TRAY CLASSIC
ONE WAY FAN ROTATING OVEN
WITH STANDARD FAN IMPELLER

ELECTRICAL SPECIFICATIONS:-
230V 1PH 50Hz

DRAWN: MT/JC

ELECTRICALLY APPROVED BY:- P.BOYLES

DATE: 12-7-99

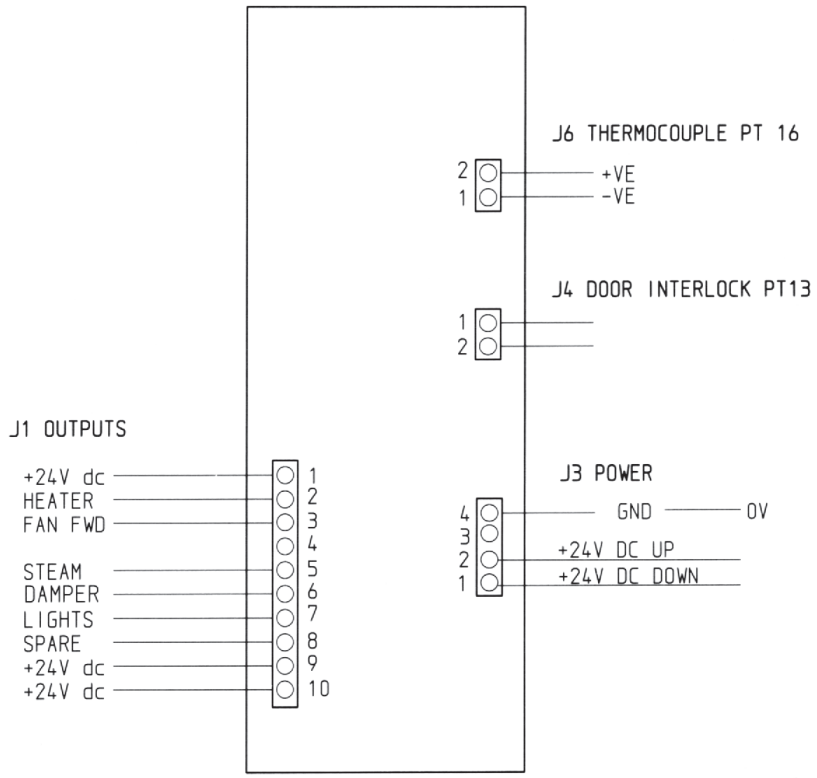
DRAWING NO. M158E25-51400

REV: F

IF IN ANY DOUBT - ASK

CONTROLLER BOARD AS VIEWED FROM COMPONENT SIDE

MONO 'CLASSIC' OVEN CONTROLLER



REV	SIG	DATE	REVISION	ECN NO.
C	JC	24-1-03	DELETE SMALL COOLING FAN (IN CONJUNCTION WITH ECN 1927)	1925
B	JC	22-1-03	ADD WIRING FOR REAR FAN UNIT	1927
A	JC	22-2-01	RE-ARRANGE POWER CIRCUIT WIRES TO PCB	14/19

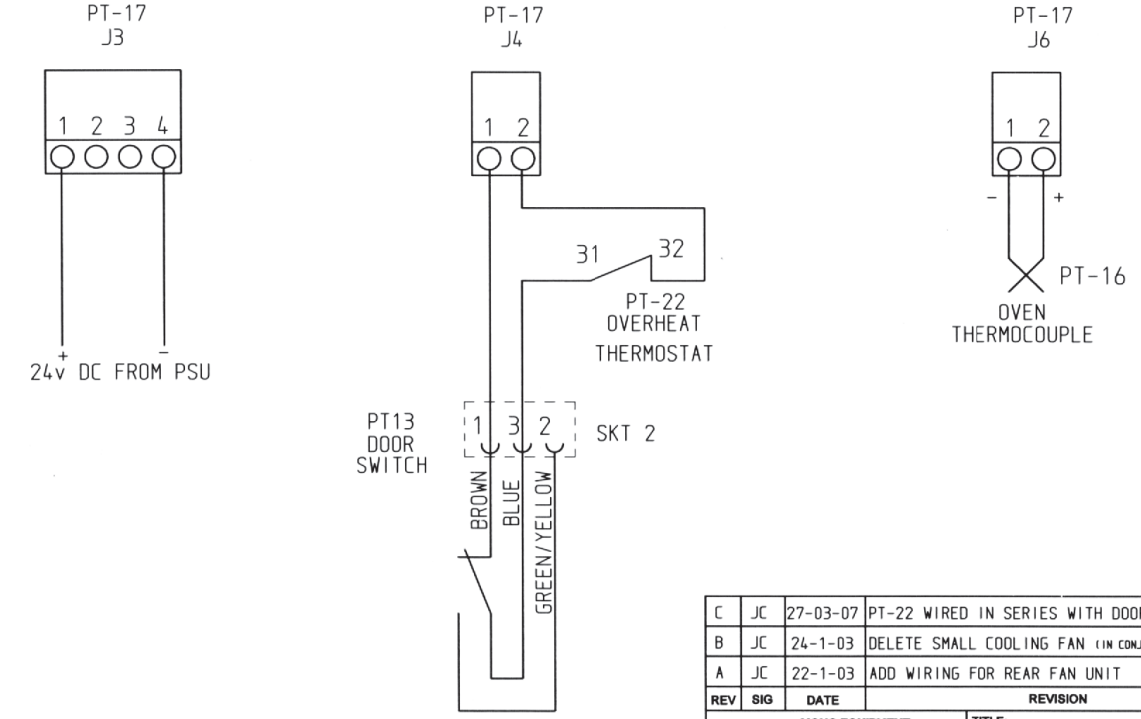
MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

ELECTRICAL SPECIFICATIONS:-

TITLE: MAIN P.C.B. CONNECTIONS
4 TRAY CLASSIC ONE WAY FAN ROTATION OVEN
WITH STANDARD FAN IMPELLER

DRAWN:	ELECTRICALLY APPROVED BY:-	
MT/JC	P.BOYLES	
DATE:	**DRAWING NO.**	**REV:**
12-7-99	M158-25-51500	C

IF IN ANY DOUBT - ASK



REV	SIG	DATE	REVISION	ECN NO.
C	JC	27-03-07	PT-22 WIRED IN SERIES WITH DOOR SWITCH(PT-13)	2946
B	JC	24-1-03	DELETE SMALL COOLING FAN (IN CONJUNCTION WITH ECN 1927)	1925
A	JC	22-1-03	ADD WIRING FOR REAR FAN UNIT	1927

MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE:
P.C.B. INPUTS
4 TRAY CLASSIC OVEN

ELECTRICAL SPECIFICATIONS:-

DRAWN: MT

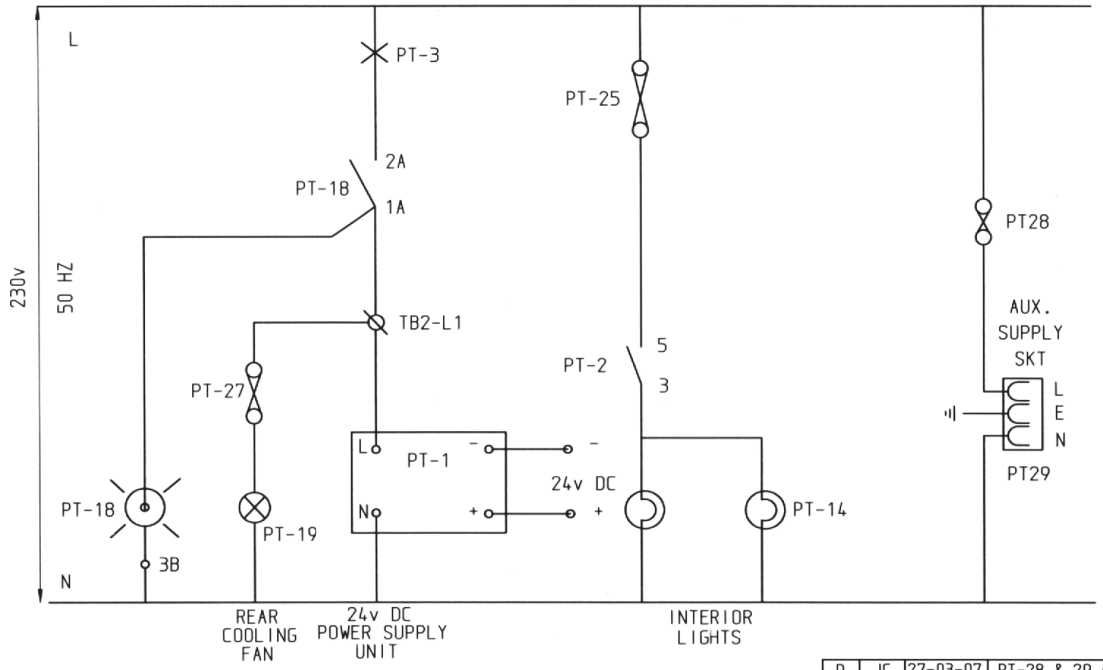
ELECTRICALLY APPROVED BY:- P.BOYLES

DATE: 26-11-98

DRAWING NO. M158E25-50500

REV: C

IF IN ANY DOUBT - ASK



REV	SIG	DATE	REVISION	ECN NO.
D	JC	27-03-07	PT-28 & 29 ADDED	2946
c	JC	22-11-04	PT-18 CHANGED	2329
B	JC	25-9-03	SWITCH (PT-18) CHANGED	2057
A	JC	22-1-03	ADD WIRING FOR REAR FAN UNIT	1927

MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE: BX 4 TRAY OVEN CONTROL CIRCUIT

ELECTRICAL SPECIFICATIONS:-

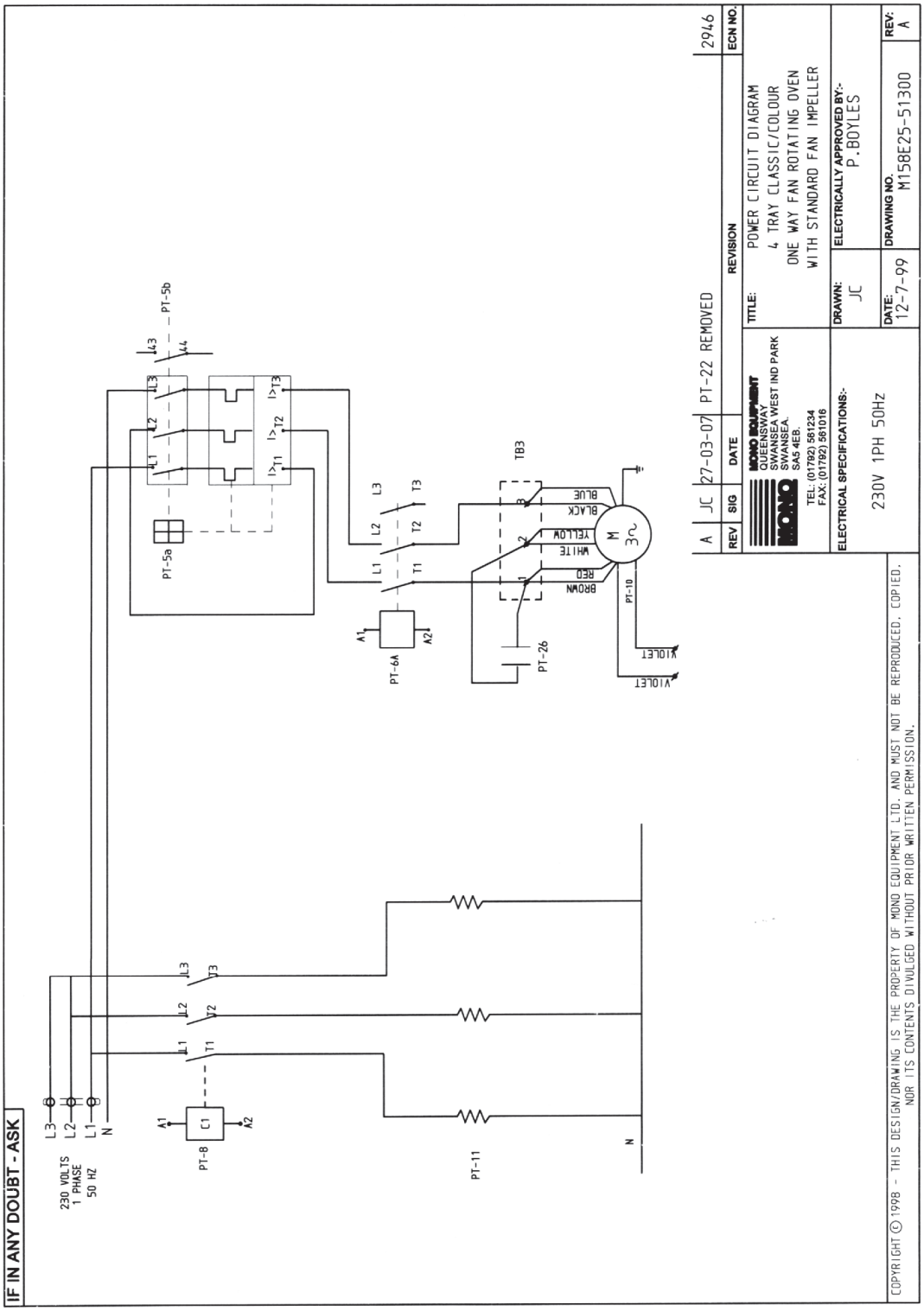
DRAWN: JC

ELECTRICALLY APPROVED BY:- P.BOYLES

DATE: 14/12/01

DRAWING NO. M158E25-20700

REV: D


IF IN ANY DOUBT - ASK
230 VOLTS
1 PHASE
50 HZ
L3
L2
L1
N
PT-8
PT-11
PT-5a
PT-5b
PT-6A
PT-10
PT-26
TB3
BLUE
BLACK
YELLOW
WHITE
BROWN
RED
VIOLET
REV
SIG
DATE
REVISION
ECN NO.
A
JC
27-03-07
PT-22 REMOVED
2946
MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 581016
TITLE:
POWER CIRCUIT DIAGRAM
4 TRAY CLASSIC/COLOUR
ONE WAY FAN ROTATING OVEN
WITH STANDARD FAN IMPELLER
ELECTRICAL SPECIFICATIONS:-
230V 1PH 50Hz
DRAWN:
JC
DATE:
12-7-99
ELECTRICALLY APPROVED BY:-
P.BOYLES
DRAWING NO.
M158E25-51300
REV:
A
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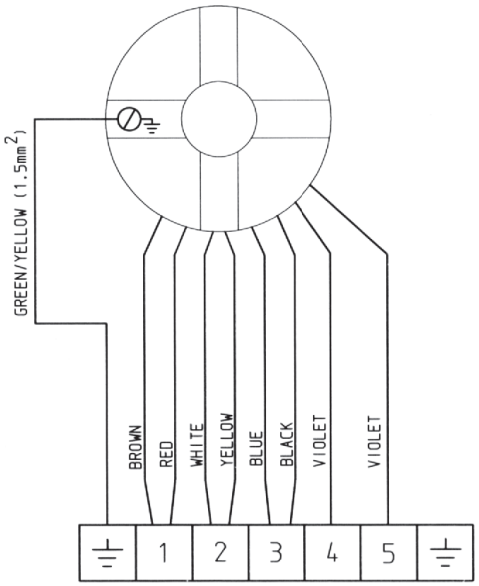
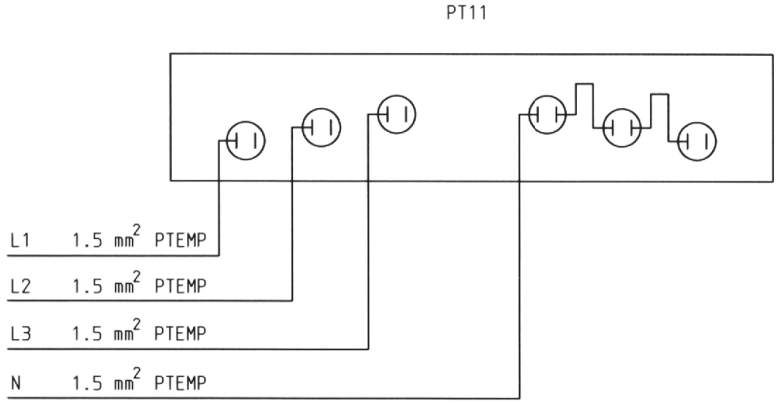
IF IN ANY DOUBT - ASK



FAN MOTOR CONNECTIONS



HEATING ELEMENT WIRING

REV	SIG	DATE	REVISION	ECN NO.

MONO EQUIPMENT
QUEENSWAY
SWANSEA WEST IND PARK
SWANSEA.
SA5 4EB.
TEL: (01792) 561234
FAX: (01792) 561016

TITLE: FAN MOTOR CONNECTIONS & HEATING ELEMENT WIRING 4 TRAY CLASSIC/COLOUR ONE WAY FAN ROTATING OVEN

ELECTRICAL SPECIFICATIONS:- 230V 1PH 50Hz

DRAWN: JC

ELECTRICALLY APPROVED BY:- P.BOYLES

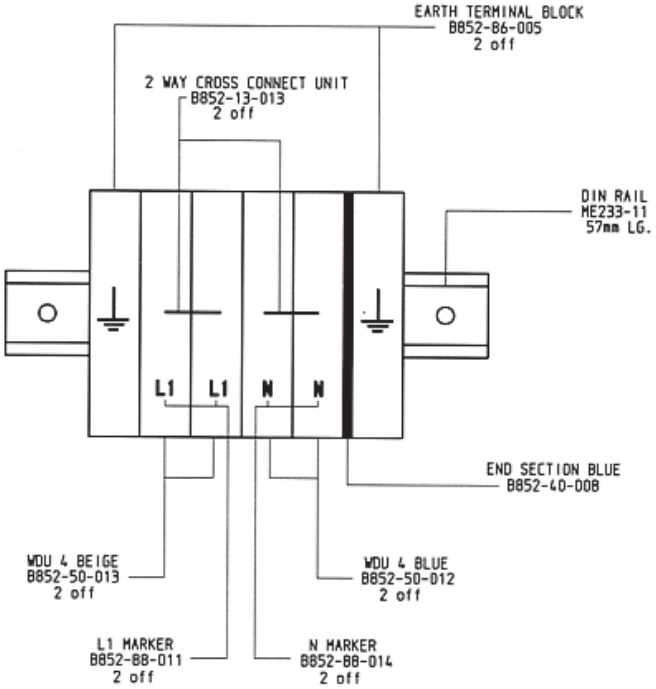
DATE: 15-7-99

DRAWING NO. M158E25-52200

REV: —

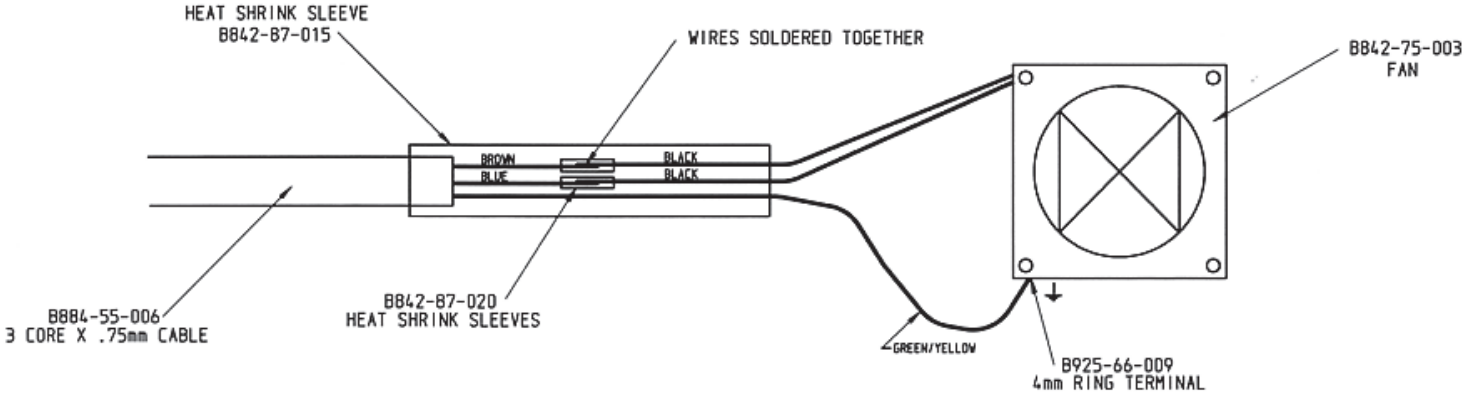
CONDENSER

FOR ENGINEERS USE ONLY.
DO NOT ATTEMPT ANY ALTERATIONS.
IF IN DOUBT, CONTACT MONO FOR ADVICE



CONDENSER UNIT
TERMINAL BLOCK LAYOUT

M150-25-10000

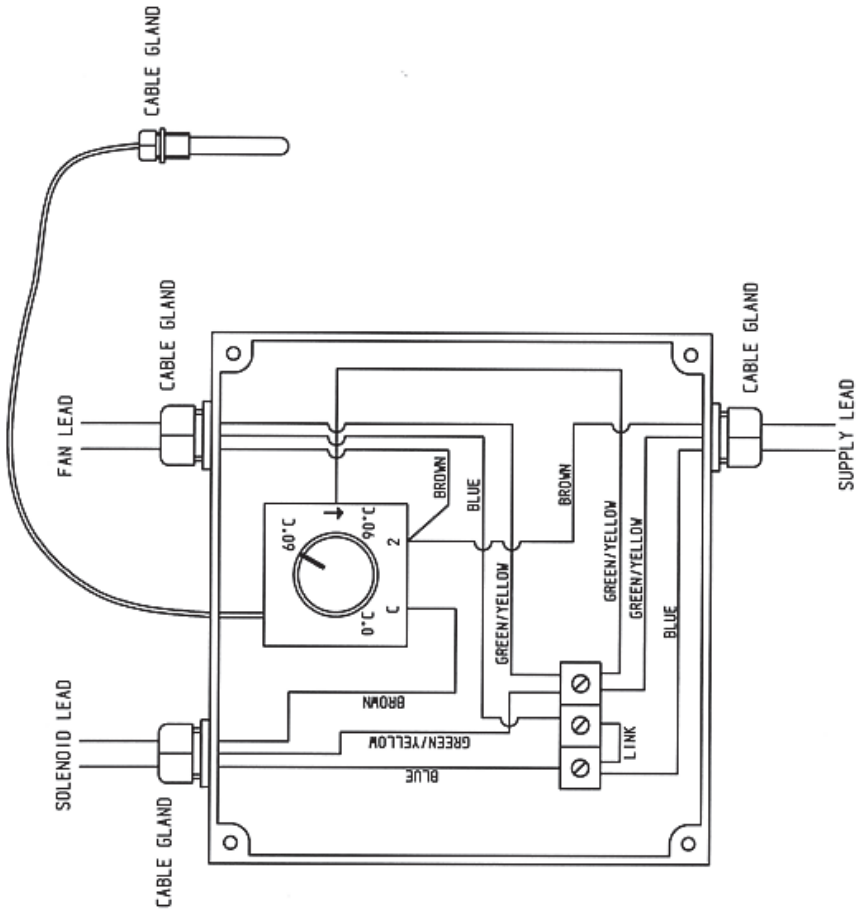


CONDENSER UNIT
FAN CONNECTIONS

M150-25-10200

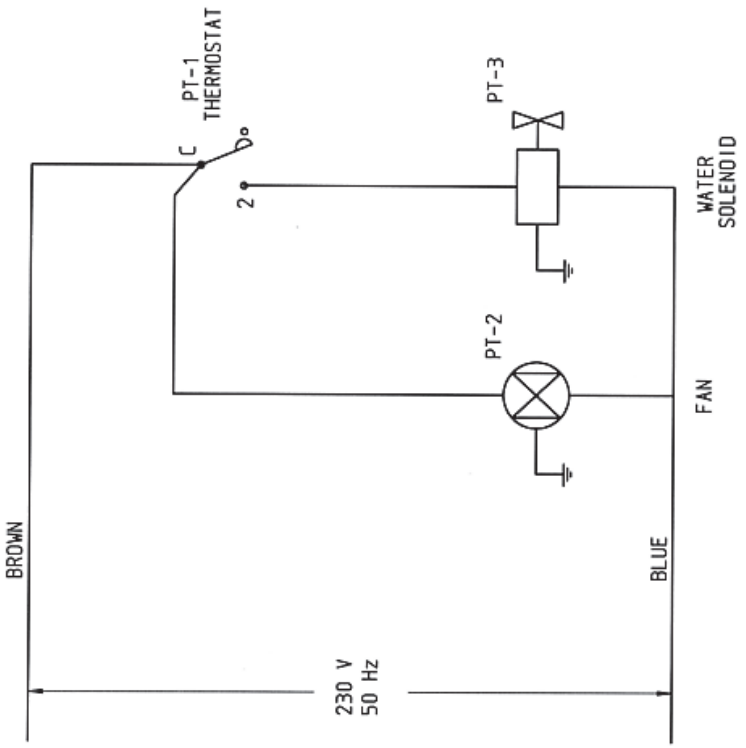
CONDENSER UNIT
ENCLOSURE BOX CONNECTIONS

M150-25-10300

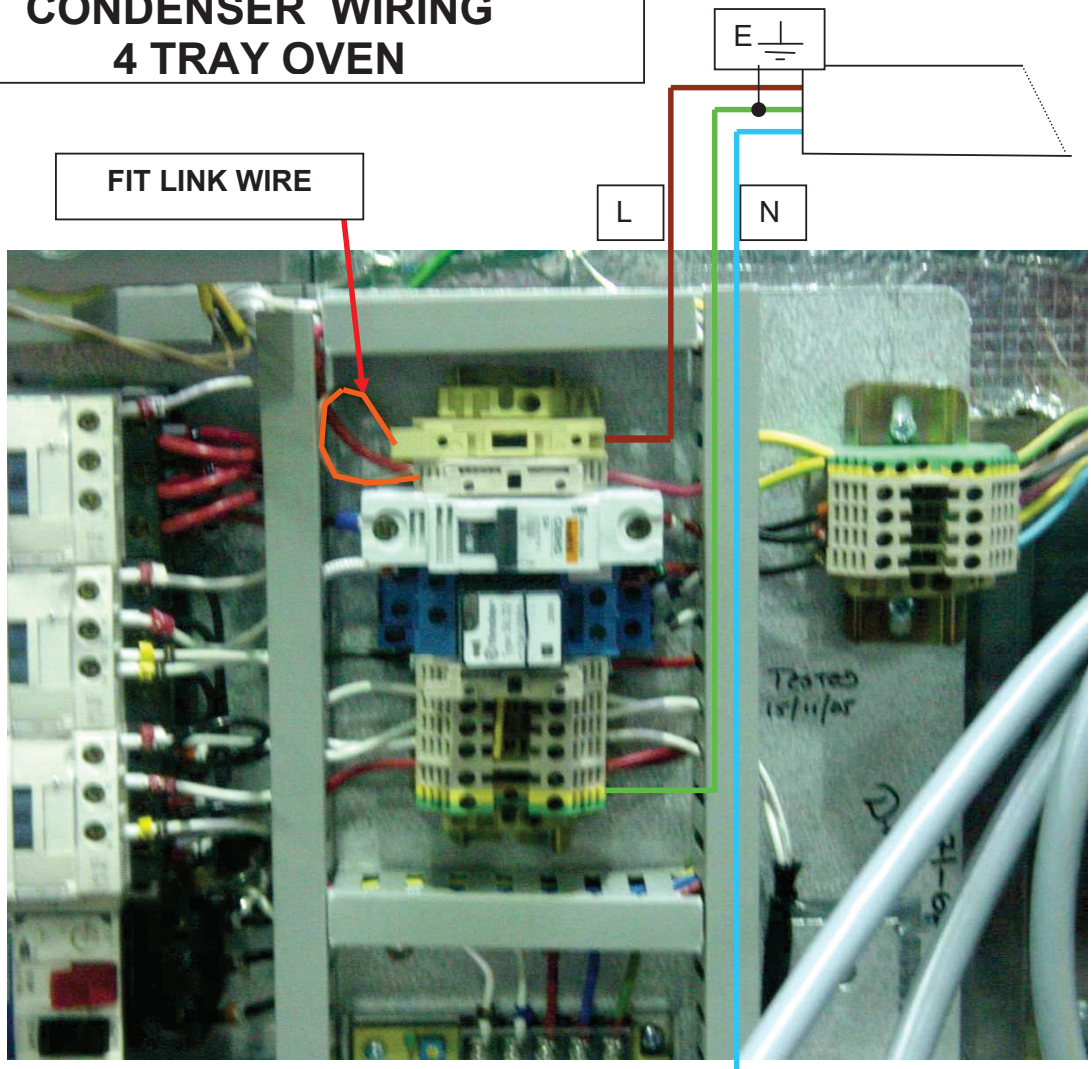


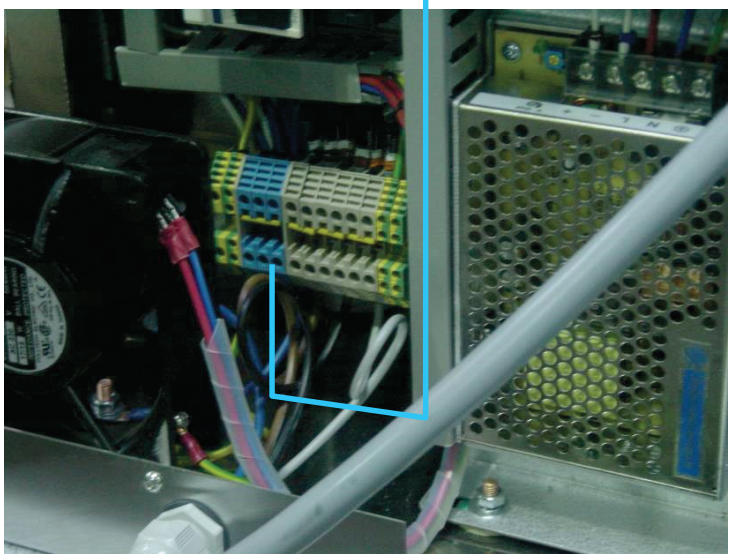
CONDENSER UNIT
CIRCUIT DIAGRAM

M150-25-10100

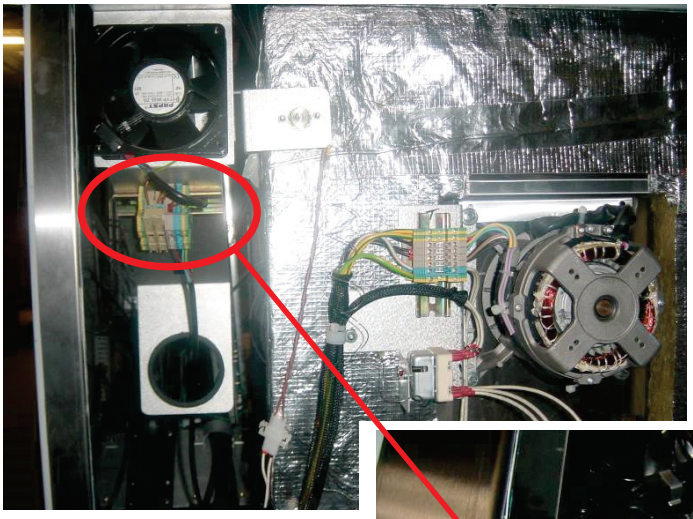


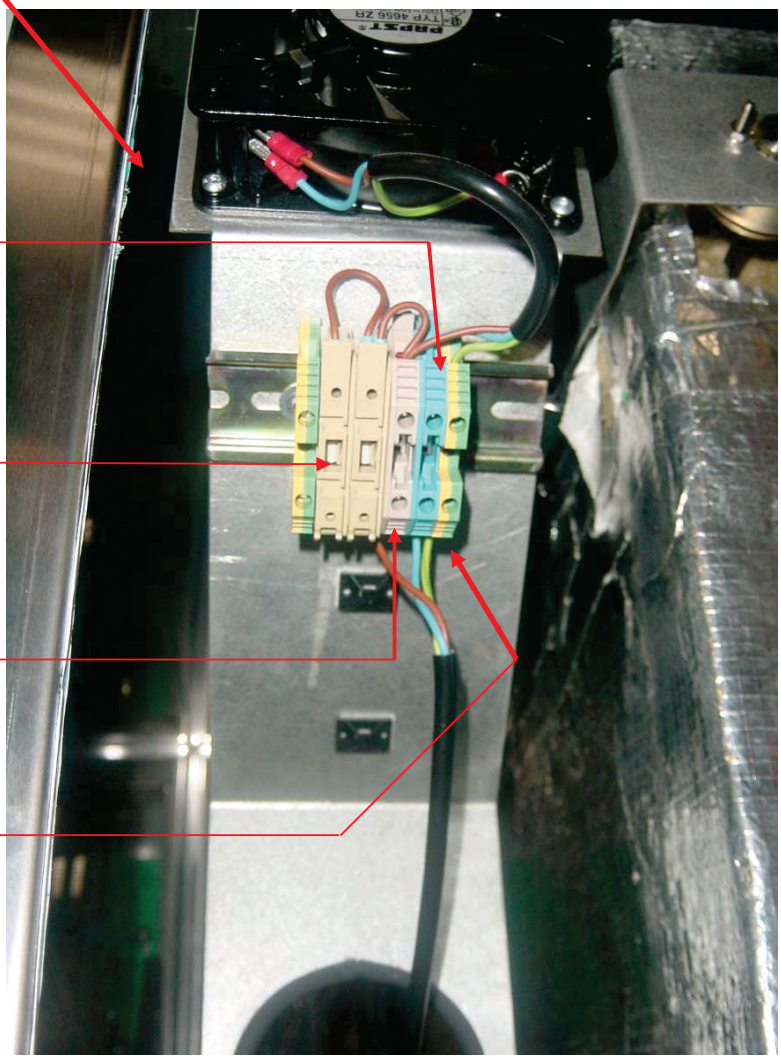
CONDENSER WIRING
4 TRAY OVEN





CONDENSER WIRING
10 TRAY Bx OVEN



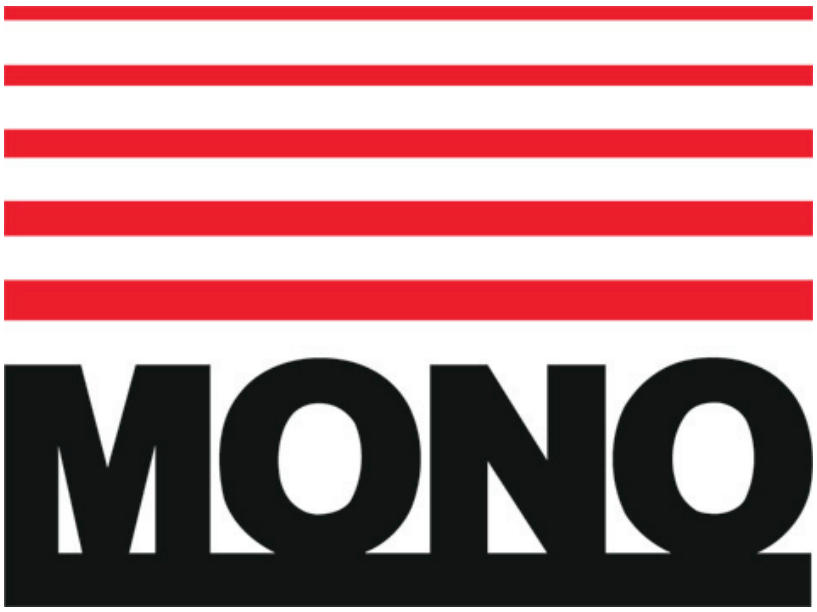


BLUE

1 AMP T FUSE

BROWN

GREEN/YELLOW



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Tel. 01792 561234
Fax. 01792 561016
Email:mono@monoequip.com

www.monoequip.com

As it is our policy to improve our machines continuously, we reserve the right to change specifications without prior notice.