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Harmony

MODULAR DECK OVEN

— SPARES MANUAL —

MACHINE NO.FG257

When ordering spares please quote the **machine serial number** which can be found on the silver information plate of the machine and on the front cover of your manual.

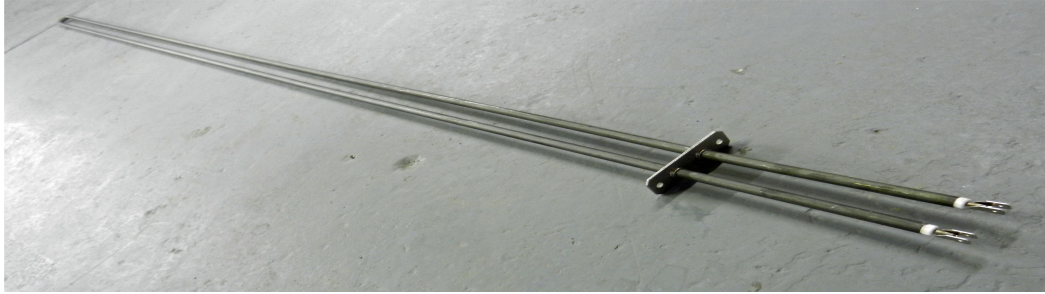
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MODULAR DECK OVEN

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ELEMENT SPARES



3 ACROSS

TOP HEAT ELEMENT 1.0kW	B854-04-093
TOP HEAT ELEMENT 0.6kW	B854-04-091
BOTTOM HEAT ELEMENT 0.75kW	B854-04-092

2 ACROSS

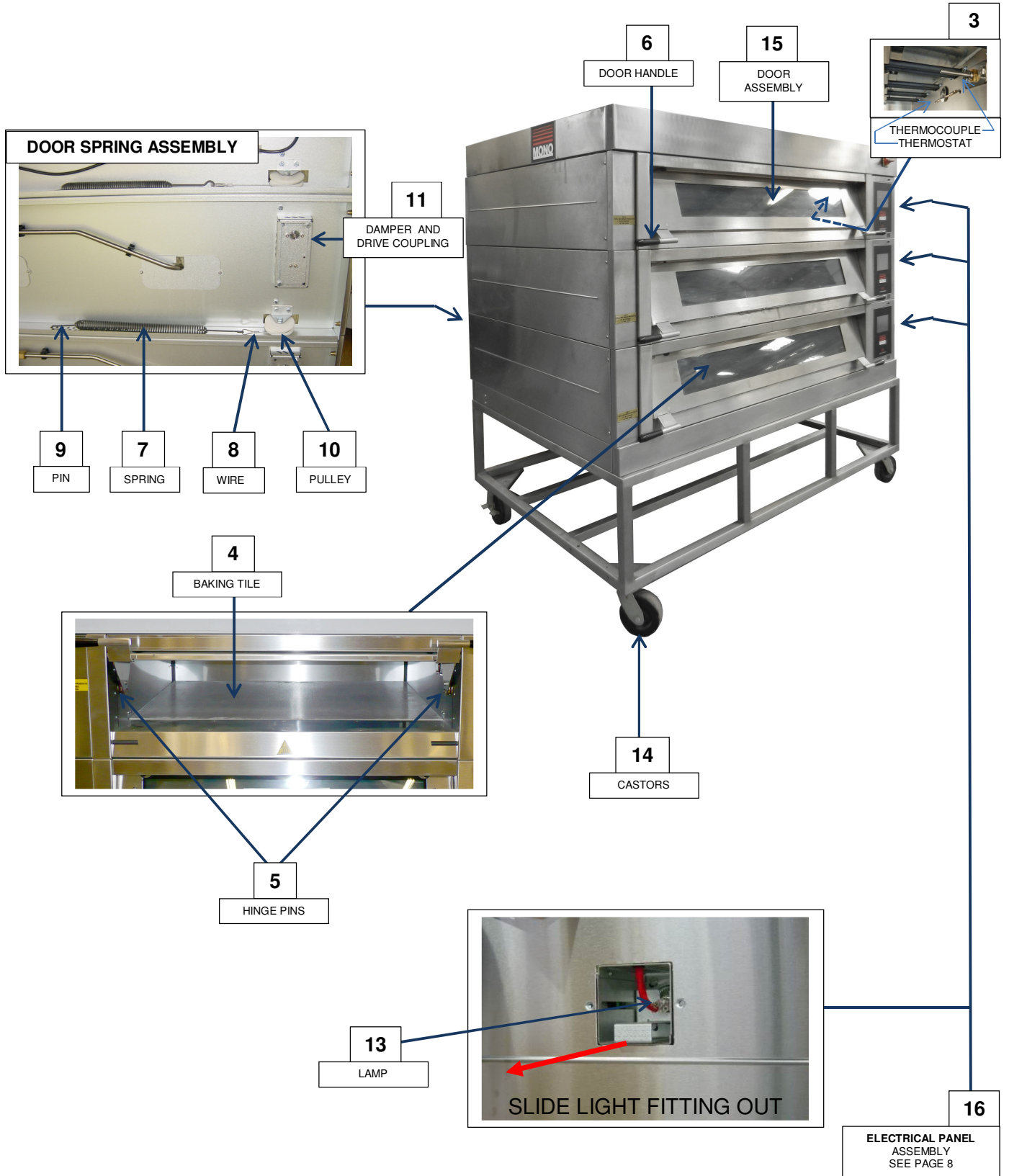
TOP HEAT ELEMENT 0.65kW	B854-04-102
TOP HEAT ELEMENT 0.4kW	B854-04-100
BOTTOM HEAT ELEMENT 0.5kW	B854-04-101

1 ACROSS

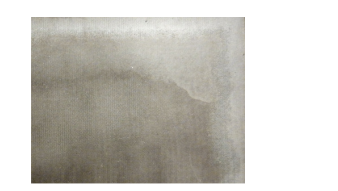

TOP HEAT ELEMENT 0.325kW	B854-04-111
TOP HEAT ELEMENT 0.2kW	B854-04-109
BOTTOM HEAT ELEMENT 0.25kW	B854-04-110


DECK OVEN PART LOCATIONS


ITEM PART NUMBERS ARE ON THE FOLLOWING PAGES





DECK OVEN PART INFORMATION

	<p>FROSTED GLASS (LIGHTS) PART No.257-02-00027</p>	<p>1</p>	
	<p>PLAIN GLASS (LIGHTS) PART No.257-02-00028</p>	<p>2</p>	
	<p>THERMOCOUPLE PART No.B873-95-007</p>	<p>3</p>	
	<p>THERMOSTAT PART No.B888-30-014</p>		
	<p>BAKING TILE</p> <p>3 ACROSS PART No.257-02-00046 2 ACROSS PART No.257-02-00047 1 ACROSS PART No.257-02-00048</p>	<p>4</p>	
 <p>LH</p>	 <p>RH</p>	<p>HINGE PIN LH PART No.257-03-00009</p> <p>HINGE PIN RH PART No.257-03-00005</p>	<p>5</p>
	<p>BLACK DOOR HANDLE PART No.A900-27-192</p>	<p>6</p>	
	<p>DOOR SPRING PART No.257-03-00017</p>	<p>7</p>	

	<p align="center">WIRE ROPE PART No.257-03-00024</p>	<p align="center">8</p>
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	<p align="center">SPRING RETAINING PIN PART No.257-03-00025</p>	<p align="center">9</p>
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		<p align="center">PULLEY PART No.257-03-00015</p> <p align="center">PULLEY SPINDLE PART No.257-03-00013</p>	<p align="center">10</p>
<p align="center">PULLEY</p>	<p align="center">SPINDLE</p>		

		<p align="center">DAMPER DRIVE COUPLING PART No.257-07-00007</p> <p align="center">DAMPER SOLENOID PART No.B749-83-004</p>	<p align="center">11</p>
<p align="center">COUPLING</p>	<p align="center">SOLENOID</p>		




	<p align="center">ELEMENT GASKET PART No.245-02-01300</p>	<p align="center">12</p>
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	<p align="center">20w DICHOIC LAMP PART No.B855-94-008</p>	<p align="center">13</p>
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	<p align="center">CASTORS 5-DECK ONLY BRAKED PART No.A900-20-053 UNBRAKED PART No.A900-20-052</p> <p align="center">CASTORS 4/3/2 DECKS BRAKED PART No.A900-20-033 UNBRAKED PART No.A900-20-034</p>	<p align="center">14</p>
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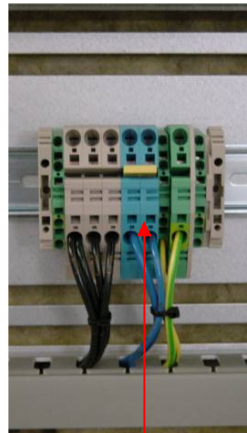
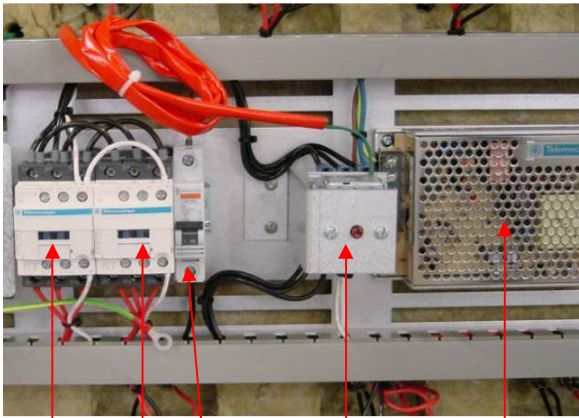
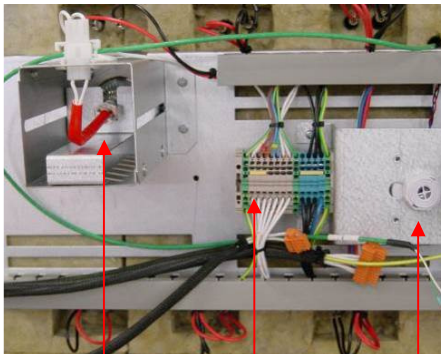
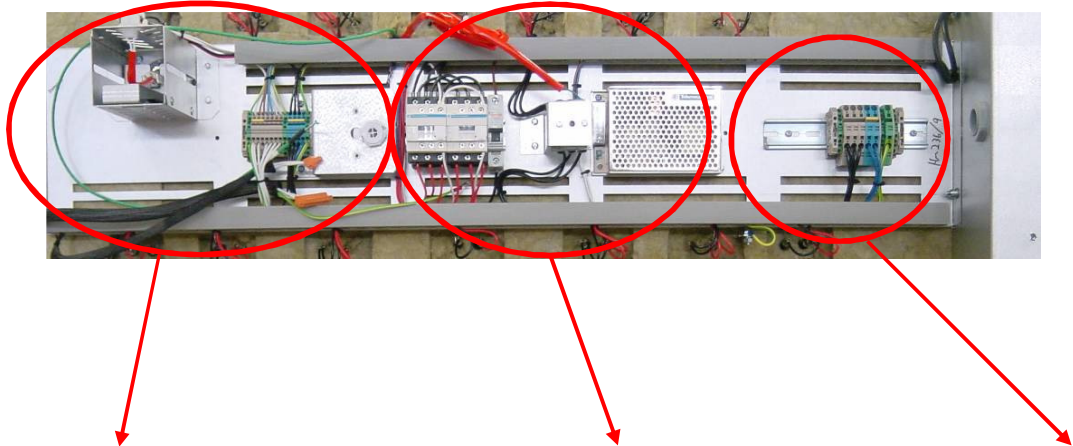
DOOR ASSEMBLIES

	<p>3 ACROSS <u>GLASS</u> DOOR ASSEMBLY PART No.257-03-00095</p>	<p>15</p>	<p>GLASS</p>
	<p>2 ACROSS <u>GLASS</u> DOOR ASSEMBLY PART No.257-03-00114</p>		
	<p>1 ACROSS <u>GLASS</u> DOOR ASSEMBLY PART No.257-03-00129</p>		

	<p>3 ACROSS <u>SOLID</u> DOOR ASSEMBLY PART No.257-03-00121</p>	<p>15</p>	<p>SOLID</p>
	<p>2 ACROSS <u>SOLID</u> DOOR ASSEMBLY PART No.257-03-00122</p>		
	<p>1 ACROSS <u>SOLID</u> DOOR ASSEMBLY PART NOT AVAILABLE</p>		

ELECTRICAL PANEL MAIN COMPONENTS

ITEM REFERENCES REFER TO PARTS SHOWN ON NEXT PAGES AND ELECTRICAL DRAWINGS



H1
TB2
S1
K1
K2
F4
F5
POWER SUPPLY
B801-93-005
TB1

OPTIONAL

OVERHEAT
THERMOSTAT
B888-30-014

INTERIOR
LIGHT
B855-94-008

TOP
HEAT
CONTACTOR
B801-08-021

BOTTOM
HEAT
CONTACTOR
B801-08-021

CONTROL
POWER
SUPPLY
MCB
B872-22-062

ELECTRICAL PARTS LIST– 3 TRAY WIDE

DRG REF.	<u>DESCRIPTION</u>	<u>PART NUMBER</u>
F1	HEATERS MCB	B872-22-007
F2	HEATERS MCB	B872-22-007
F3	HEATERS MCB	B872-22-007
F4	CONTROL POWER SUPPLY MCB	B872-22-062
F5	OVERHEAT THERMOSTAT	B888-30-014
T1	CONTROL CIRCUIT POWER SUPPLY	B801-93-005
K1	TOP HEAT CONTACTOR	B801-08-021
K2	BOTTOM HEAT CONTACTOR	B801-08-021
Y1	WATER SOLENOID (8mm pipe)	A900-34-365
H1	INTERIOR LIGHT	B855-94-008
B1	OVEN THERMOCOUPLE	B873-95-007
U1	MAIN ECO PRINTED CIRCUIT BOARD	M158-25-80000
D1	DAMPER SOLENOID	B749-83-004
R1	TOP HEAT ELEMENT 1.0kW	B854-04-093
R2	TOP HEAT ELEMENT 0.6kW	B854-04-091
R3	TOP HEAT ELEMENT 0.6kW	B854-04-091
R4	TOP HEAT ELEMENT 0.6kW	B854-04-091
R5	TOP HEAT ELEMENT 0.6kW	B854-04-091
R6	TOP HEAT ELEMENT 0.6kW	B854-04-091
R7	TOP HEAT ELEMENT 0.6kW	B854-04-091
R8	BOTTOM HEAT ELEMENT 0.75kW	B854-04-092
R9	BOTTOM HEAT ELEMENT 0.6kW	B854-04-091
R10	BOTTOM HEAT ELEMENT 0.6kW	B854-04-091
R11	BOTTOM HEAT ELEMENT 0.6kW	B854-04-091
R12	BOTTOM HEAT ELEMENT 0.6kW	B854-04-091
R13	BOTTOM HEAT ELEMENT 0.6kW	B854-04-091
R14	BOTTOM HEAT ELEMENT 0.6kW	B854-04-091

ELECTRICAL PARTS LIST – 2 TRAY WIDE

DRG REF.	<u>DESCRIPTION</u>	<u>PART NUMBER</u>
F1	HEATERS MCB	B872-22-006
F2	HEATERS MCB	B872-22-006
F3	HEATERS MCB	B872-22-006
F4	CONTROL POWER SUPPLY MCB	B872-22-062
F5	OVERHEAT THERMOSTAT	B888-30-014
T1	CONTROL CIRCUIT POWER SUPPLY	B801-93-005
K1	TOP HEAT CONTACTOR	B801-08-021
K2	BOTTOM HEAT CONTACTOR	B801-08-021
Y1	WATER SOLENOID (8mm pipe)	A900-34-365
H1	INTERIOR LIGHT	B855-94-008
B1	OVEN THERMOCOUPLE	B873-95-007
U1	MAIN ECO PRINTED CIRCUIT BOARD	M158-25-80000
D1	DAMPER SOLENOID	B749-83-004
R1	TOP HEAT ELEMENT 0.65kW	B854-04-102
R2	TOP HEAT ELEMENT 0.4kW	B854-04-100
R3	TOP HEAT ELEMENT 0.4kW	B854-04-100
R4	TOP HEAT ELEMENT 0.4kW	B854-04-100
R5	TOP HEAT ELEMENT 0.4kW	B854-04-100
R6	TOP HEAT ELEMENT 0.4kW	B854-04-100
R7	TOP HEAT ELEMENT 0.4kW	B854-04-100
R8	BOTTOM HEAT ELEMENT 0.5kW	B854-04-101
R9	BOTTOM HEAT ELEMENT 0.4kW	B854-04-100
R10	BOTTOM HEAT ELEMENT 0.4kW	B854-04-100
R11	BOTTOM HEAT ELEMENT 0.4kW	B854-04-100
R12	BOTTOM HEAT ELEMENT 0.4kW	B854-04-100
R13	BOTTOM HEAT ELEMENT 0.4kW	B854-04-100
R14	BOTTOM HEAT ELEMENT 0.4kW	B854-04-100

ELECTRICAL PARTS LIST – 1 TRAY WIDE

DRG REF.	<u>DESCRIPTION</u>	<u>PART NUMBER</u>
F1	HEATERS MCB Single phase only	B872-22-005
F2	HEATERS MCB	B872-22-005
F3	HEATERS MCB	B872-22-005
F4	CONTROL POWER SUPPLY MCB	B872-22-062
F5	OVERHEAT THERMOSTAT	B888-30-014
T1	CONTROL CIRCUIT POWER SUPPLY	B801-93-005
K1	TOP HEAT CONTACTOR	B801-08-021
K2	BOTTOM HEAT CONTACTOR	B801-08-021
Y1	WATER SOLENOID (8mm pipe)	A900-34-365
H1	INTERIOR LIGHT	B855-94-008
B1	OVEN THERMOCOUPLE	B873-95-007
U1	MAIN ECO PRINTED CIRCUIT BOARD	M158-25-80000
D1	DAMPER SOLENOID	B749-83-004
R1	TOP HEAT ELEMENT 0.35kW	B854-04-111
R2	TOP HEAT ELEMENT 0.2kW	B854-04-109
R3	TOP HEAT ELEMENT 0.2kW	B854-04-109
R4	TOP HEAT ELEMENT 0.2kW	B854-04-109
R5	TOP HEAT ELEMENT 0.2kW	B854-04-109
R6	TOP HEAT ELEMENT 0.2kW	B854-04-109
R7	TOP HEAT ELEMENT 0.2kW	B854-04-109
R8	BOTTOM HEAT ELEMENT 0.25kW	B854-04-110
R9	BOTTOM HEAT ELEMENT 0.2kW	B854-04-109
R10	BOTTOM HEAT ELEMENT 0.2kW	B854-04-109
R11	BOTTOM HEAT ELEMENT 0.2kW	B854-04-109
R12	BOTTOM HEAT ELEMENT 0.2kW	B854-04-109
R13	BOTTOM HEAT ELEMENT 0.2kW	B854-04-109
R14	BOTTOM HEAT ELEMENT 0.2kW	B854-04-109

OVEN CANOPY PARTS LIST

FG257-3-CF220 3 ACROSS CANOPY AND FAN (220V 1PH+E 60HZ)

FG257-3-CF400 3 ACROSS CANOPY AND FAN (230V 1PH+N+E 50HZ)

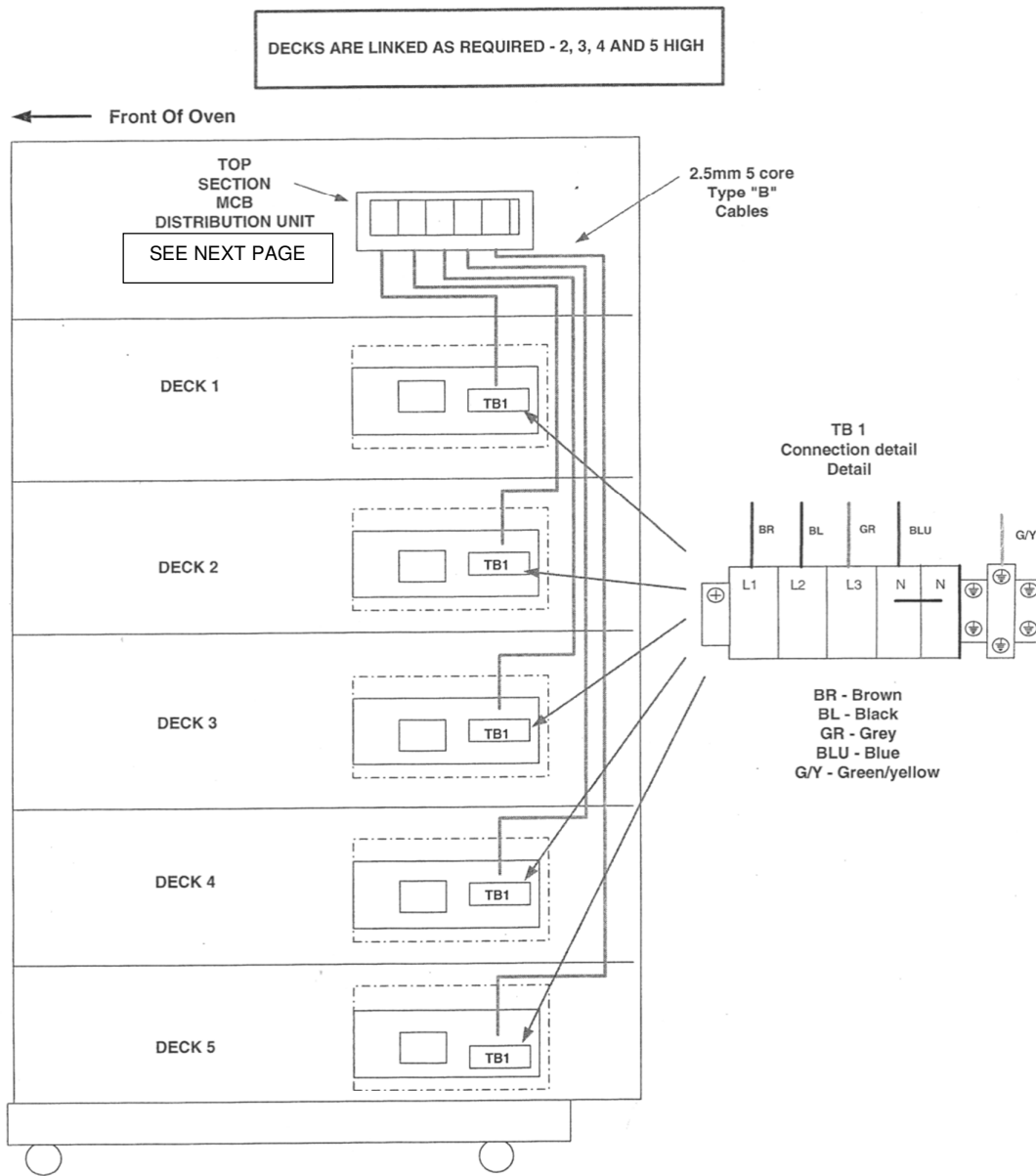
FG257-2-CF220 2 ACROSS CANOPY AND FAN (220V 1PH+E 60HZ)


FG257-2-CF400 2 ACROSS CANOPY AND FAN (230V 1PH+N+E 50HZ)

FG257-1-CF400 1 ACROSS CANOPY AND FAN (230V 1PH+N+E 50HZ)

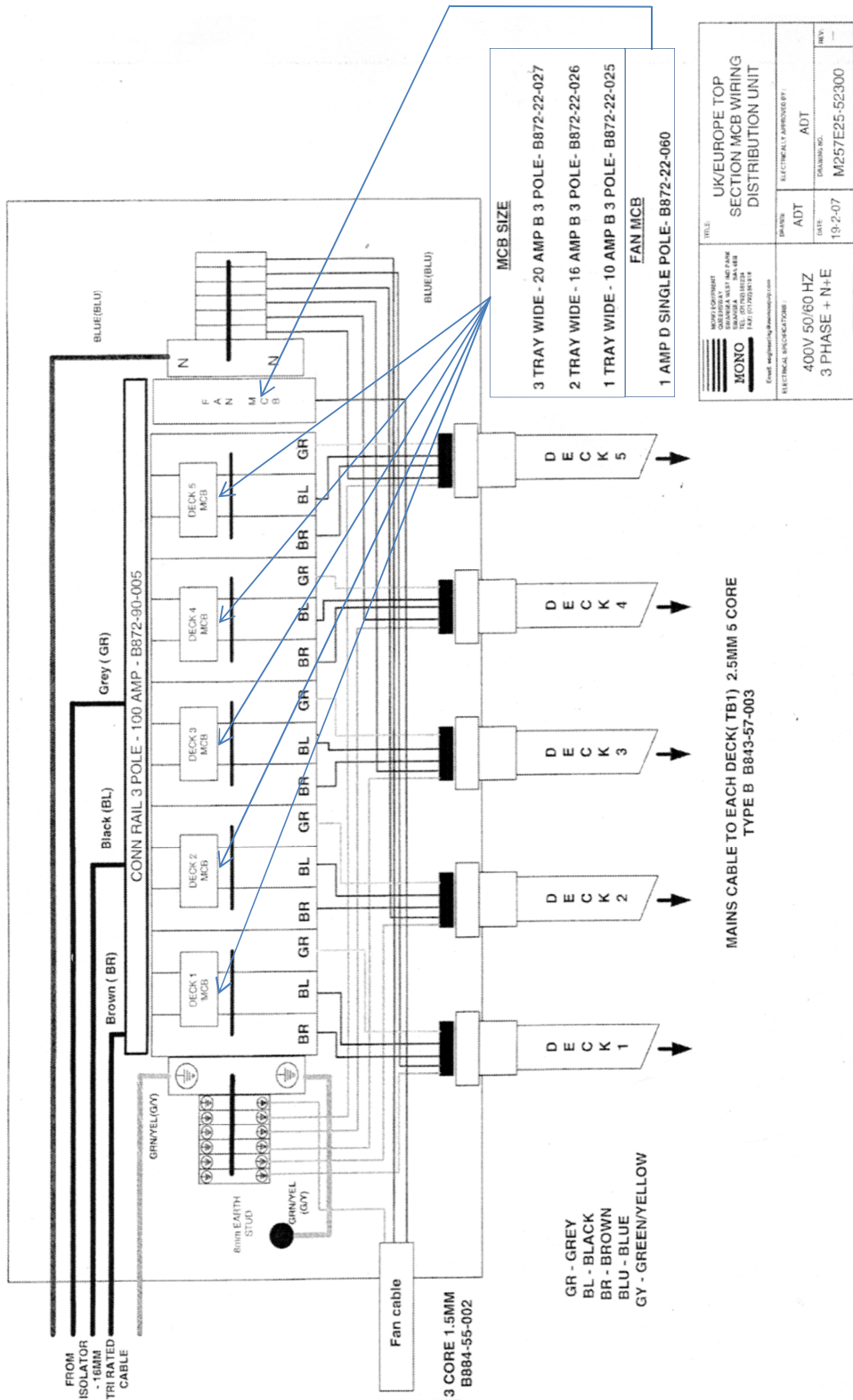
	<p>CANOPY FAN CAPACITOR 4-6uf – 400VDB – METAL B869-23-005</p>	<p>1</p>
	<p>CANOPY FAN ON/OFF SWITCH B895-07-005</p>	<p>2</p>
	<p>CANOPY FAN TYPE R2E225-AG01-21 (230V, 0.88AMP, 200W) B869-75-026</p>	<p>3</p>
	<p>2 POSITION SELECTOR B801-12-011</p>	<p>4</p>
	<p>CONTACT BLOCK B801-14-005</p>	<p>5</p>

DX UK Modular MK2 Deck Oven Interlink Detail

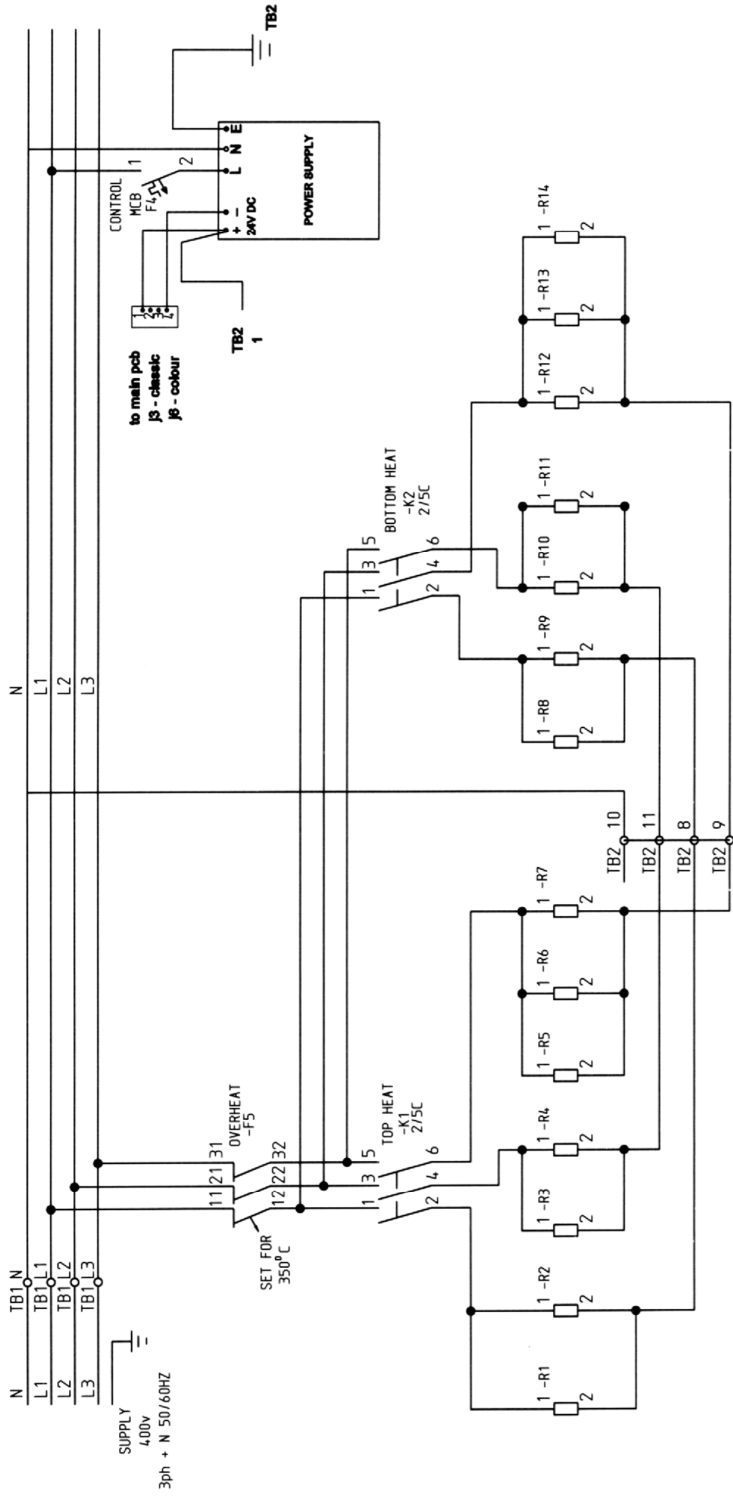


 MONO EQUIPMENT ORDERED BY SWANGLA WEST RD PARK SWANSEA SA6 4EB TEL: (01792) 561234 FAX: (01792) 561016 Email: engineering@monoequip.com	TITLE: UK/EUROPE MODULAR MK 2 DECK OVEN INTERLINK DETAIL		
	ELECTRICAL SPECIFICATIONS: 400V 50/60 HZ 3 PHASE + N+E	DRAWN: ADT	ELECTRICALLY APPROVED BY: ADT
	DATE: 19-2-07	DRAWING NO. M257E25-52500	REV. -

TOP CANOPY MK 2 DECK OVEN MCB WIRING

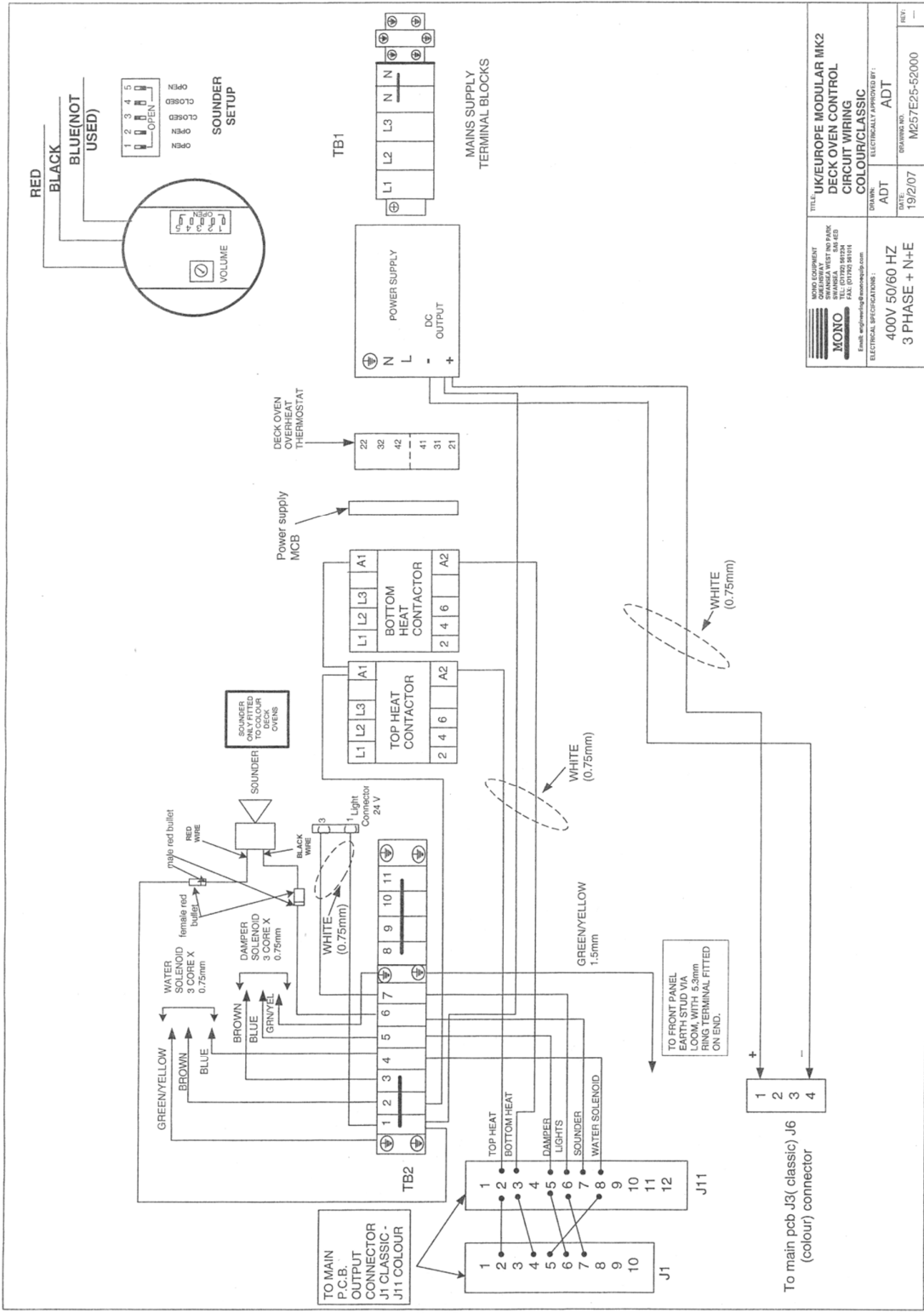


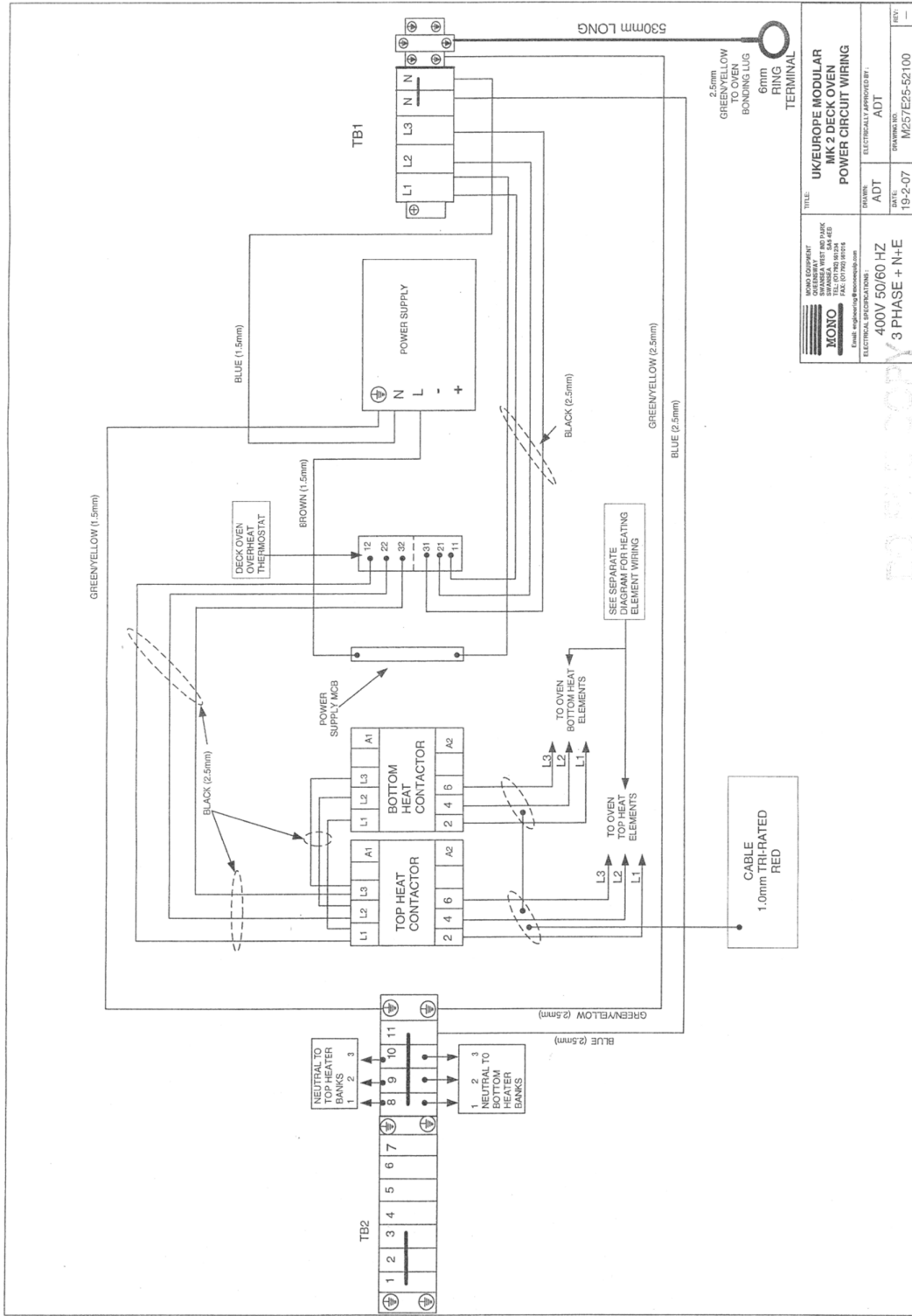
IF IN ANY DOUBT - ASK



REV	SIG	DATE	REVISION	ECN NO.
<p>MIND EQUIPMENT QUEENSWAY SWANSEA WEST IND PARK SWANSEA, SA5 4EB. TEL: (01792) 561234 FAX: (01792) 561016</p>				
<p>TITLE: MODULAR DECK OVEN POWER CIRCUIT TOP-BOTTOM HEAT</p>				
<p>UK</p>				
<p>DRAWN: RAC ELECTRICALLY APPROVED BY:- AT</p>				
<p>ELECTRICAL SPECIFICATIONS:- 400V 3PH & N + E 50/60 HZ</p>				
<p>DATE: 7/3/07 DRAWING NO: M257E25-30000 REV: 1</p>				

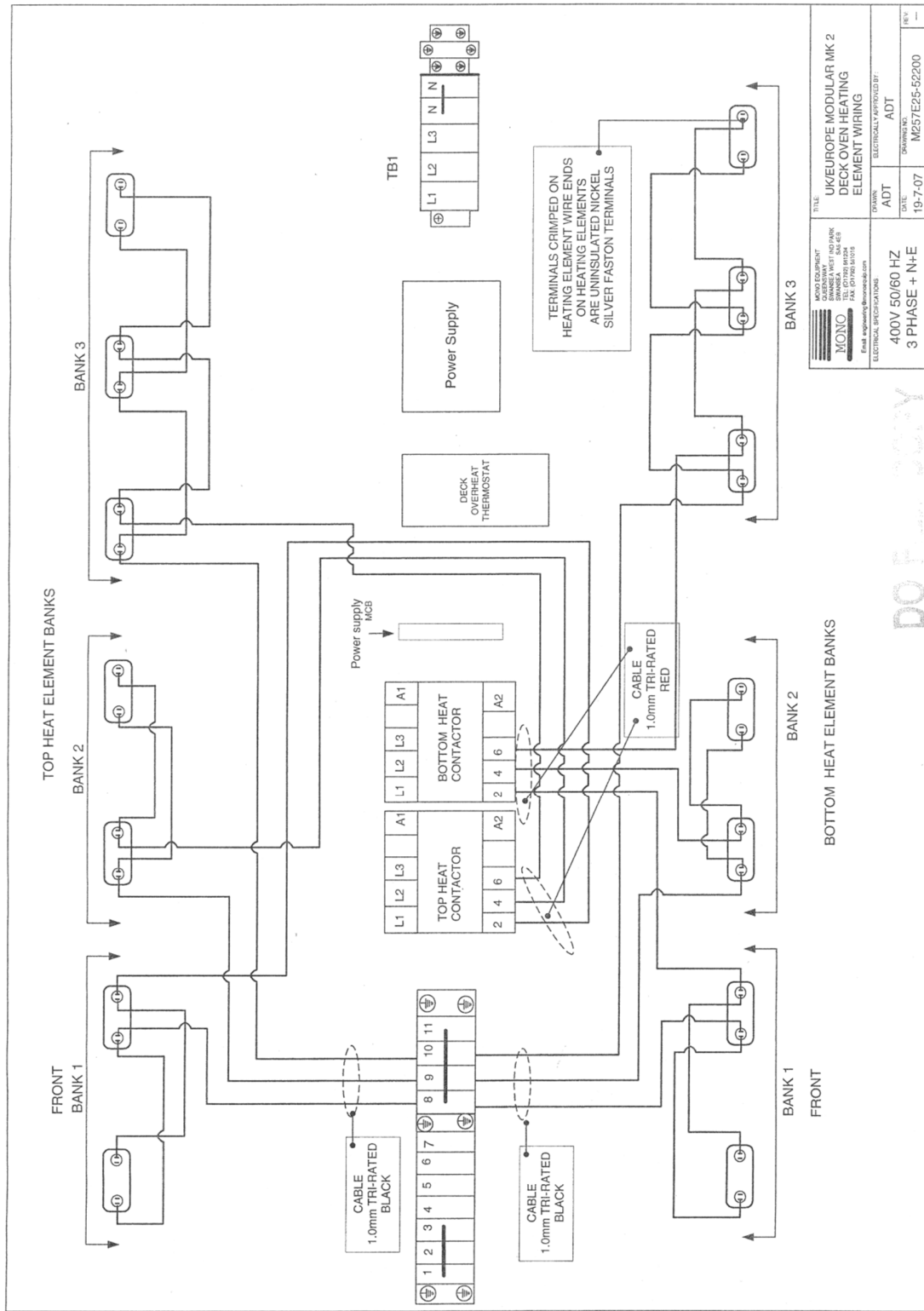
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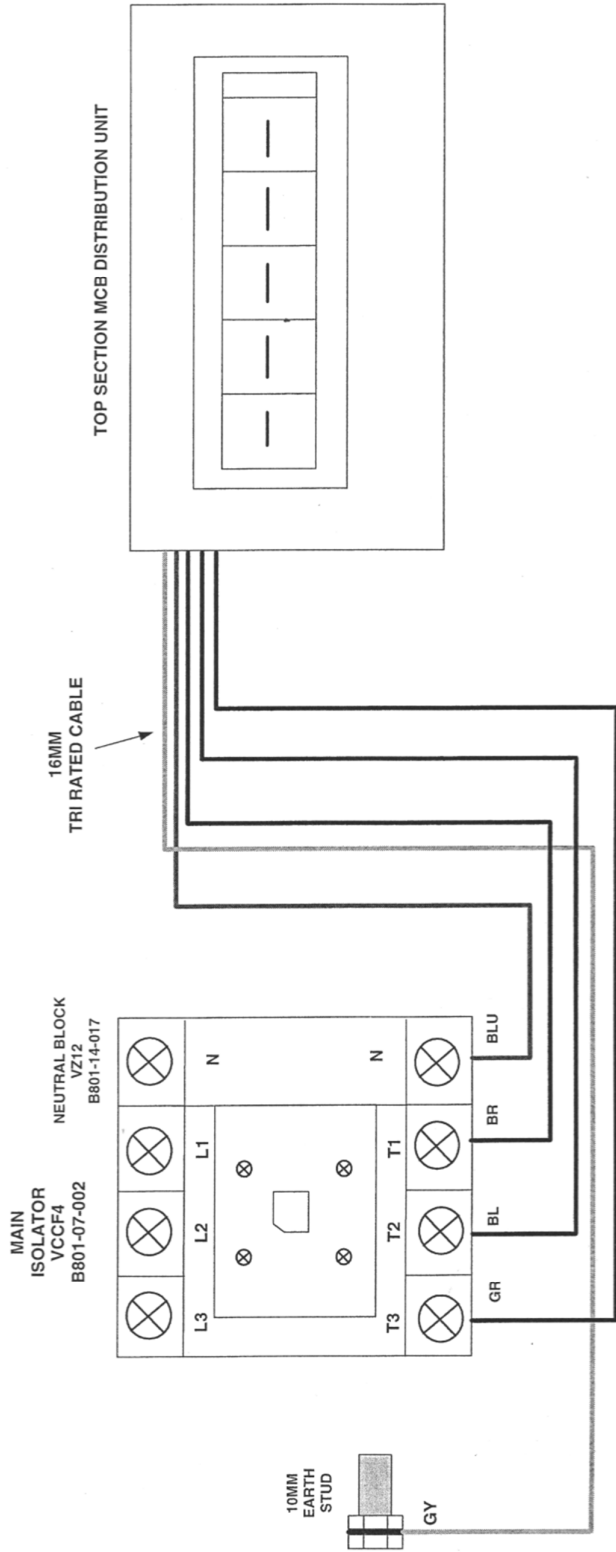


 MOMO EQUIPMENT 1000/1000 WEST 800 ROAD BRANDBURG, KY 40309 TEL: (502) 784-1100 FAX: (502) 784-1101 Email: engineering@momoequipment.com	TITLE: UK/EUROPE MODULAR MK 2 DECK OVEN POWER CIRCUIT WIRING	
	DRAWN BY: ADT ELECTRICALLY APPROVED BY:	DATE: 19-2-07 DRAWING NO: M257E25-52100
ELECTRICAL SPECIFICATIONS: 400V 50/60 HZ 3 PHASE + N+E		

TO OVEN COPY



MODULAR DECK MK 2 MAIN ISOLATOR WIRING



<p>MONO <small>Elect. engineering & technology</small></p>	<p><small>WORLD EQUIPMENT</small> <small>ORLANDO AVENUE UNIT 100 PARK</small> <small>BRISBANE QLD 4101</small> <small>TEL: (07) 7521 8114</small></p>	<p>TITLE UK/EUROPE MODULAR MK 2 DECK OVEN ISOLATOR WIRING</p>
	<p><small>ELECTRICALLY APPROVED BY:</small> ADT</p>	<p><small>DRAWING NO.</small> M257E25-52400</p>
<p>ELECTRICAL SPECIFICATIONS: 400V 50/60 HZ 3 PHASE + N+E</p>	<p><small>DATE:</small> 19-2-07</p>	<p><small>REV:</small> —</p>