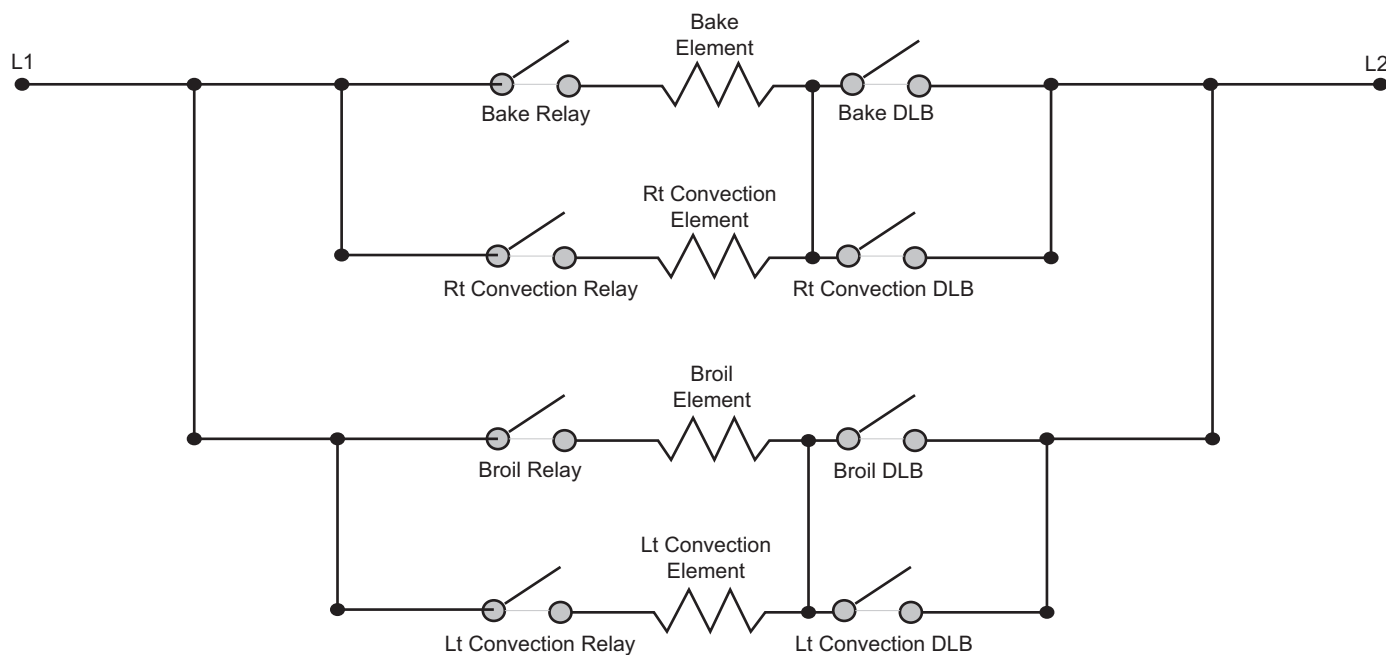
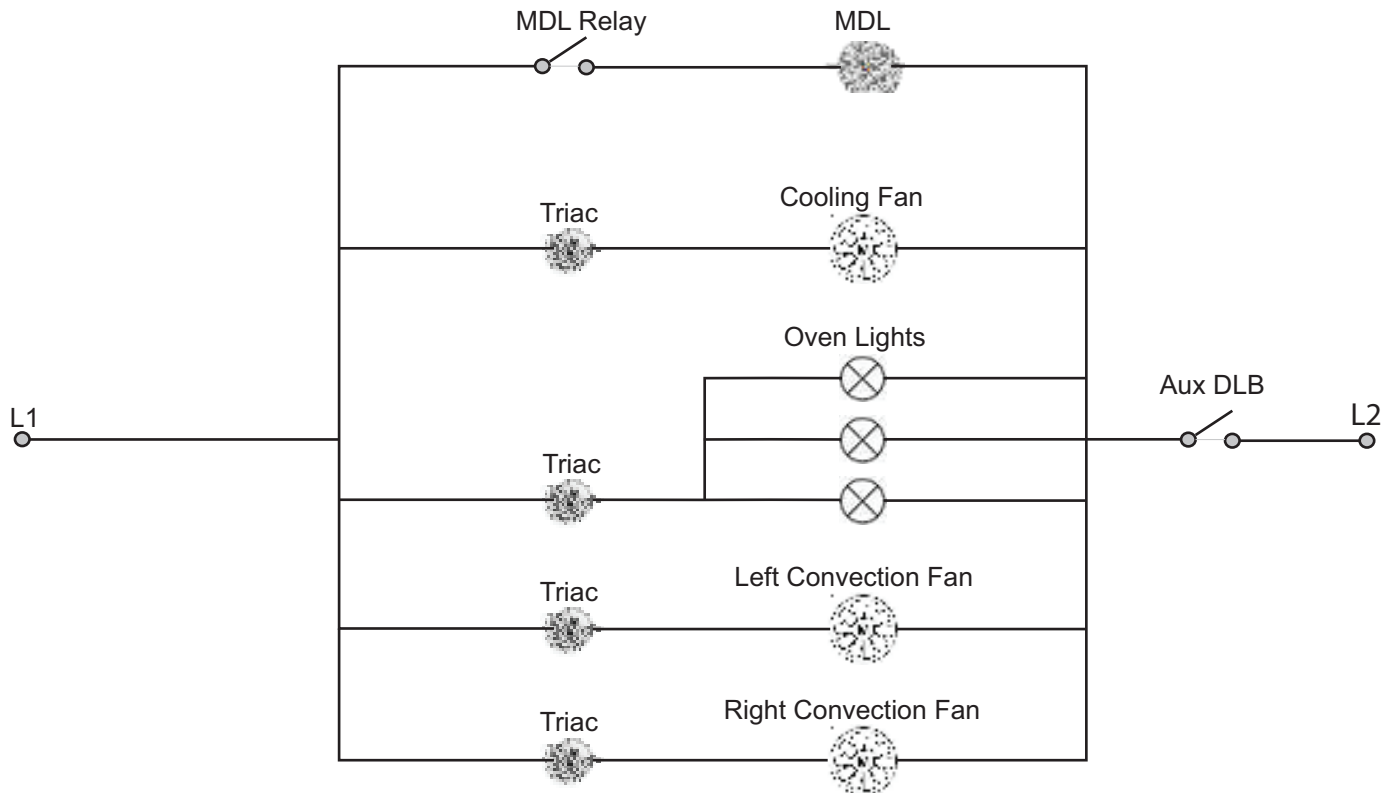


Relay Board Ladder Schematic

Auxillary Circuit Ladder



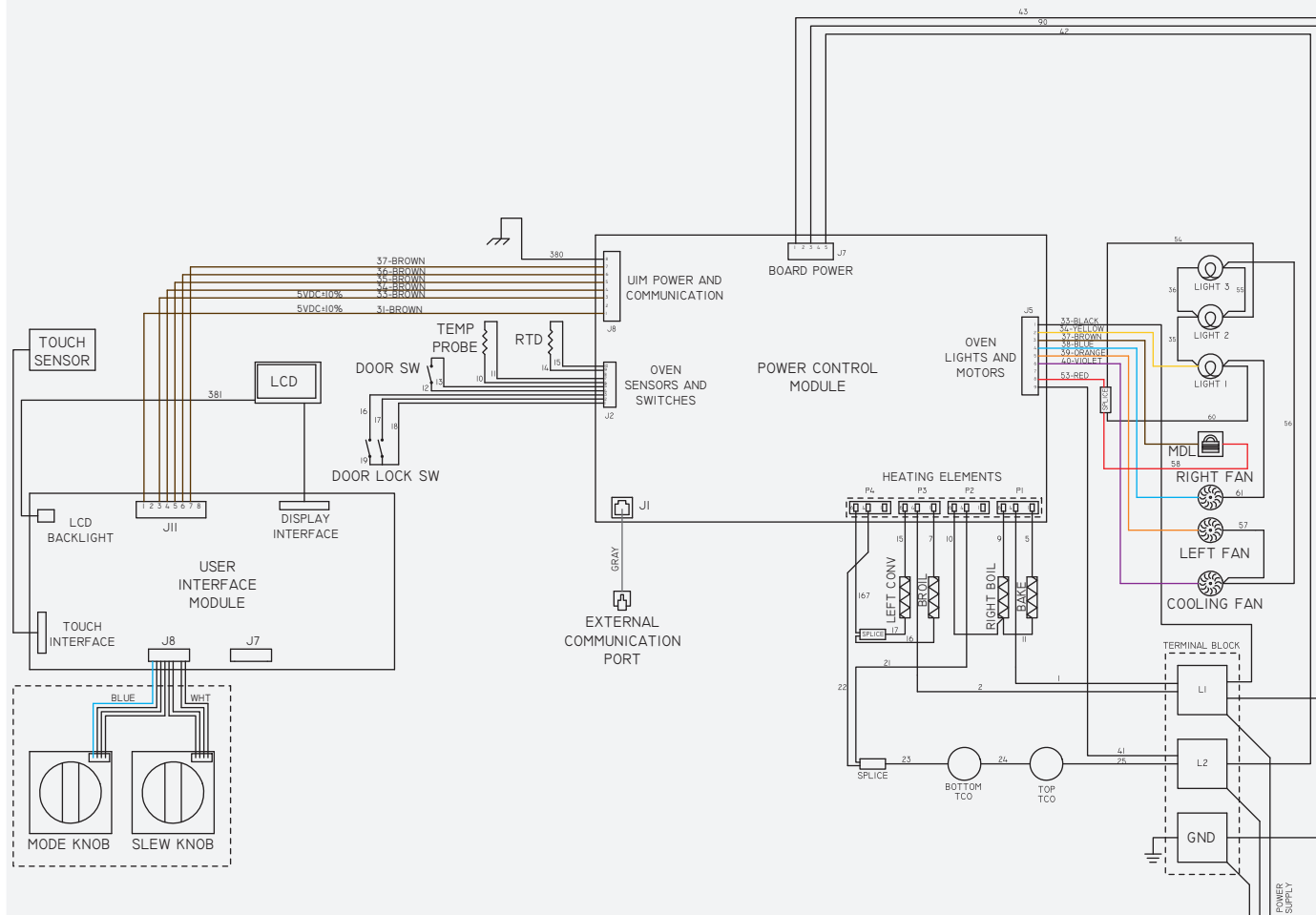
WIRE DIAGRAM MODELS: SO30 M SERIES

PART NUMBER 9005023 Rev B

PLACE IN WIRING DIAGRAM BAG FOR FUTURE REFERENCE

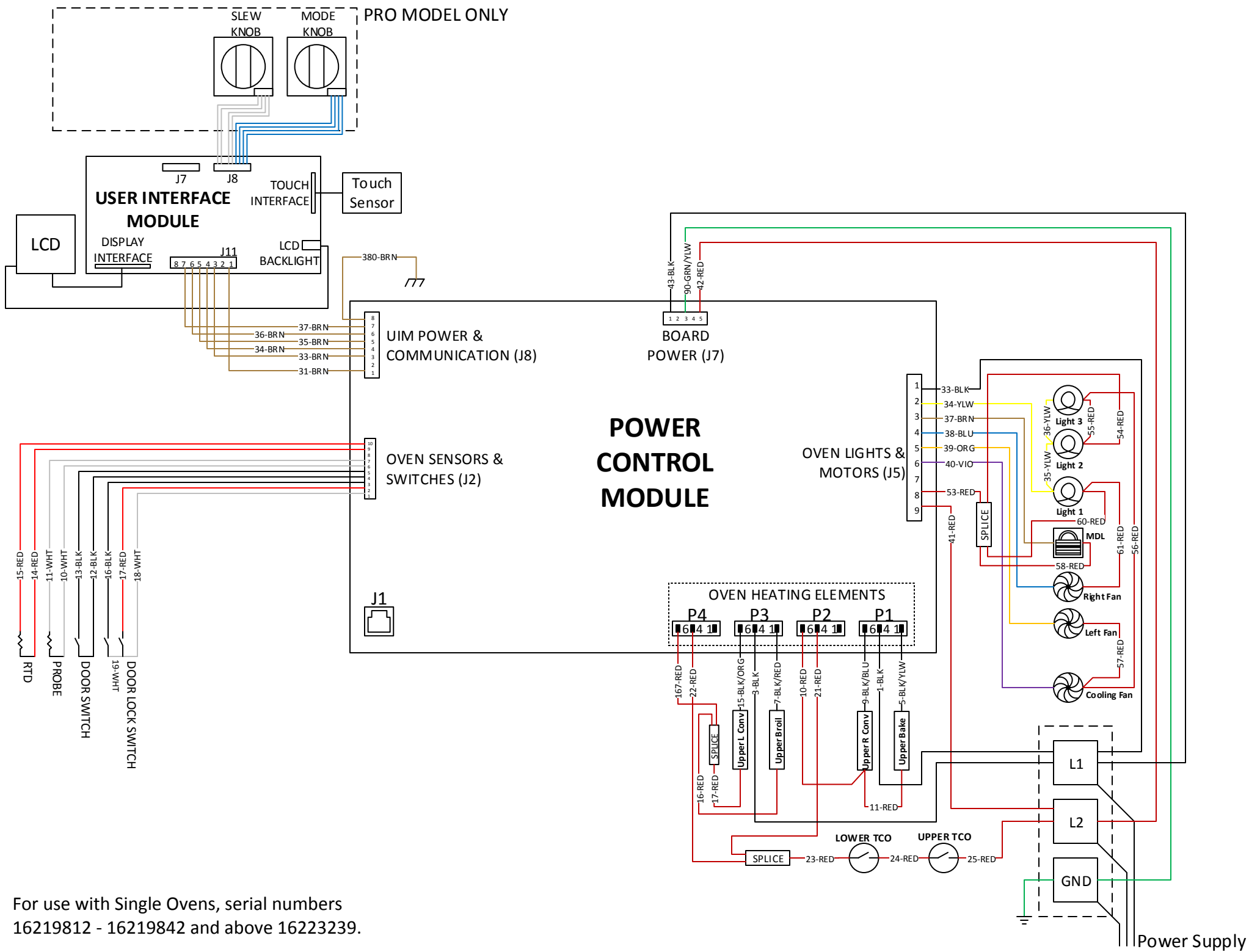
WARNING

- This wiring information is provided for use by qualified service personnel only.
- Disconnect appliance from electrical supply before beginning service.
- Be sure all grounding devices are connected when service is complete.
- Failure to observe the above warnings may result in severe electrical shock.



WIRE TABLE

WIRE	COLOR	FROM	TO	WIRE	COLOR	FROM	TO
1	BLACK	CONN P1-4	TERMINAL BLOCK LI	41	RED	CONN J5-9	TERMINAL BLOCK L2
2	BLACK	CONN P3-4	TERMINAL BLOCK LI	42	RED	CONN J7-5	TERMINAL BLOCK L2
5	BLK/YEL	CONN P1-1	SPLICE 4	43	BLACK	CONN J7-1	TERMINAL BLOCK LI
7	BLK/RED	CONN P3-1	BROIL ELEMENT	53	RED	CONN J5-8	SPLICE 3
9	BLK/BLU	CONN P1-6	RIGHT CONVECTION ELEMENT	54	RED	CONN LIGHT 2 - 2	
10	RED	CONN P2-6	RIGHT CONVECTION ELEMENT	55	RED		COOLING FAN
11	NATURAL	BAKE ELEMENT		56	RED	CONN LEFT FAN - 2	
15	BLK/ORG	CONN P3-6	LEFT CONVECTION ELEMENT	57	RED		MDL
16	RED	BROIL ELEMENT	SPLICE 1	58	RED	CONN LIGHT 1 - 2	
167	RED	CONN P4-6		60	RED		CONN RIGHT FAN - 2
17	RED	LEFT CONVECTION ELEMENT	SPLICE 2	61	RED	TERMINAL BLOCK	
21	RED	CONN P2-4		90	GRN/YEL		CONN J7-3
22	RED	CONN P4-4	SPLICE 2	501	NATURAL	SPLICE 4	BAKE ELEMENT
23	RED	BOTTOM TCO		TOP TCO			
24	RED	BOTTOM TCO	TERMINAL BLOCK L2				
25	RED	TOP TCO	TERMINAL BLOCK LI				
33	BLACK	CONN J5-1	CONN LIGHT 1 - 1				
34	YELLOW	CONN J5-2		CONN LIGHT 3 - 1			
35	YELLOW	CONN LIGHT 2 -1	MDL				
36	YELLOW			CONN RIGHT FAN - 1			
37	BROWN	CONN J5-3	CONN LEFT FAN - 1				
38	BLUE	CONN J5-4	COOLING FAN				
39	ORANGE	CONN J5-5					
40	VIOLET	CONN J5-6					



For use with Single Ovens, serial numbers
16219812 - 16219842 and above 16223239.

WIRE DIAGRAM

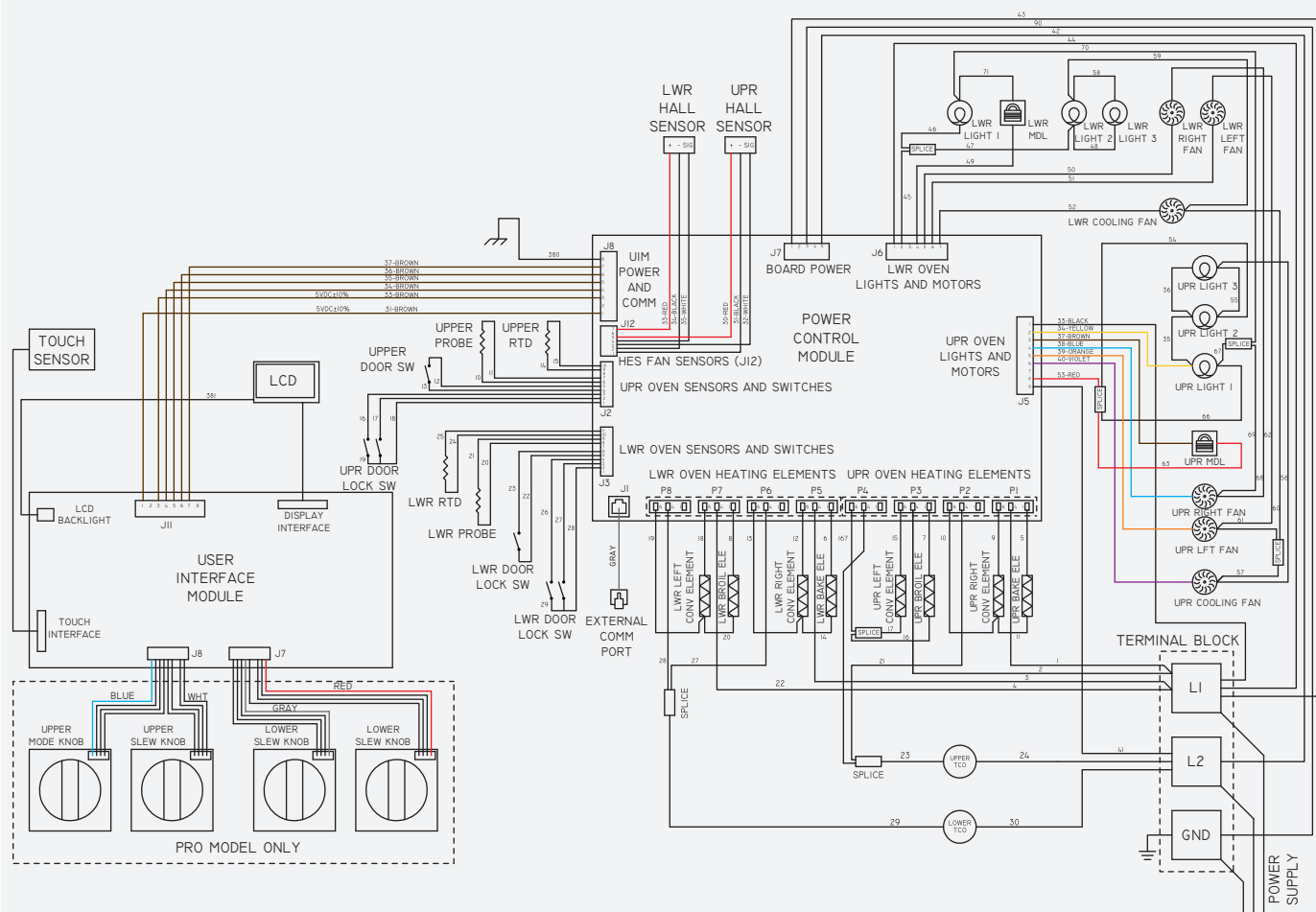
MODELS: DO30 M SERIES

PART NUMBER 9005023 Rev B

PLACE IN WIRING DIAGRAM BAG FOR FUTURE REFERENCE



- This wiring information is provided for use by qualified service personnel only.
- Disconnect appliance from electrical supply before beginning service.
- Be sure all grounding devices are connected when service is complete.
- Failure to observe the above warnings may result in severe electrical shock.

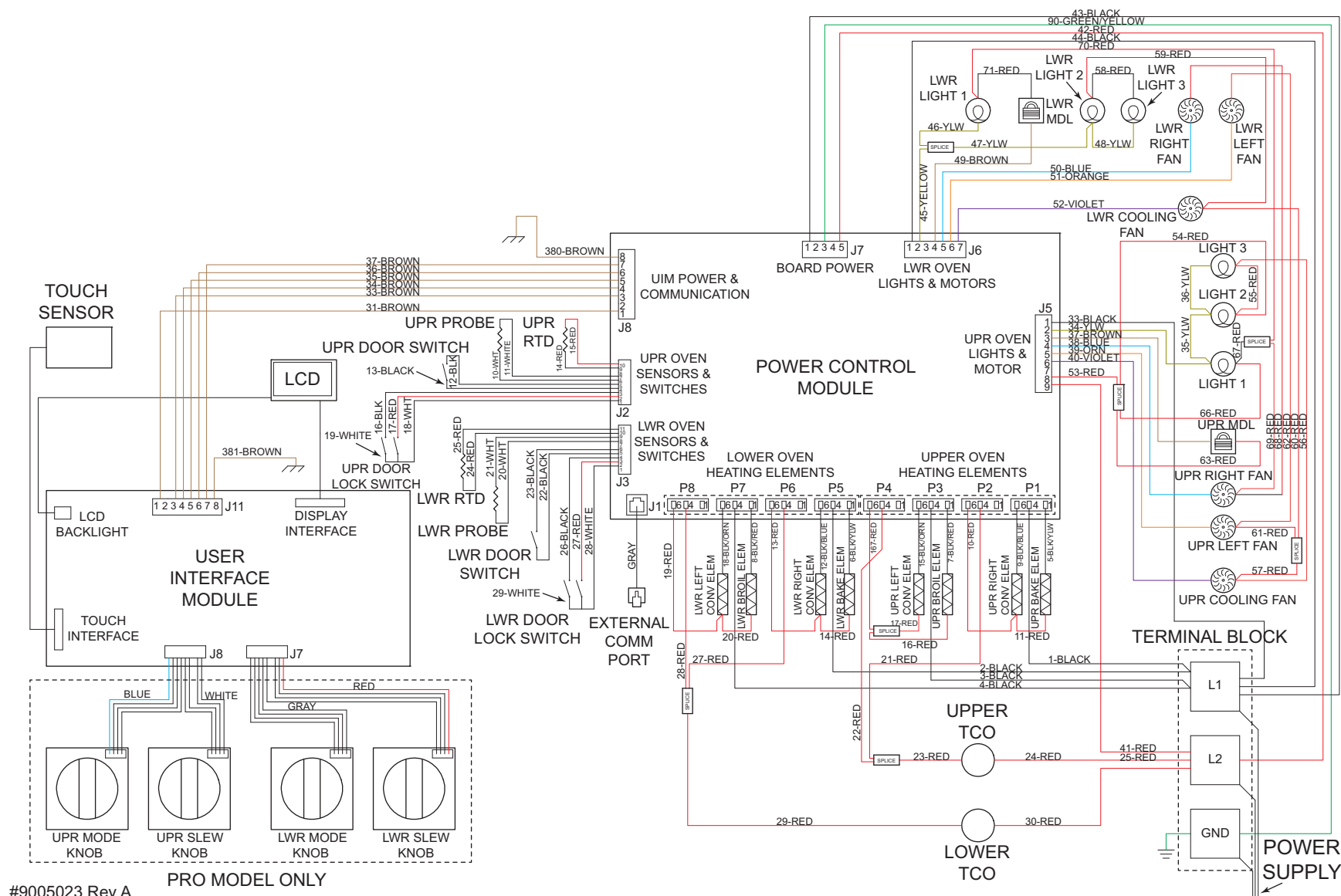


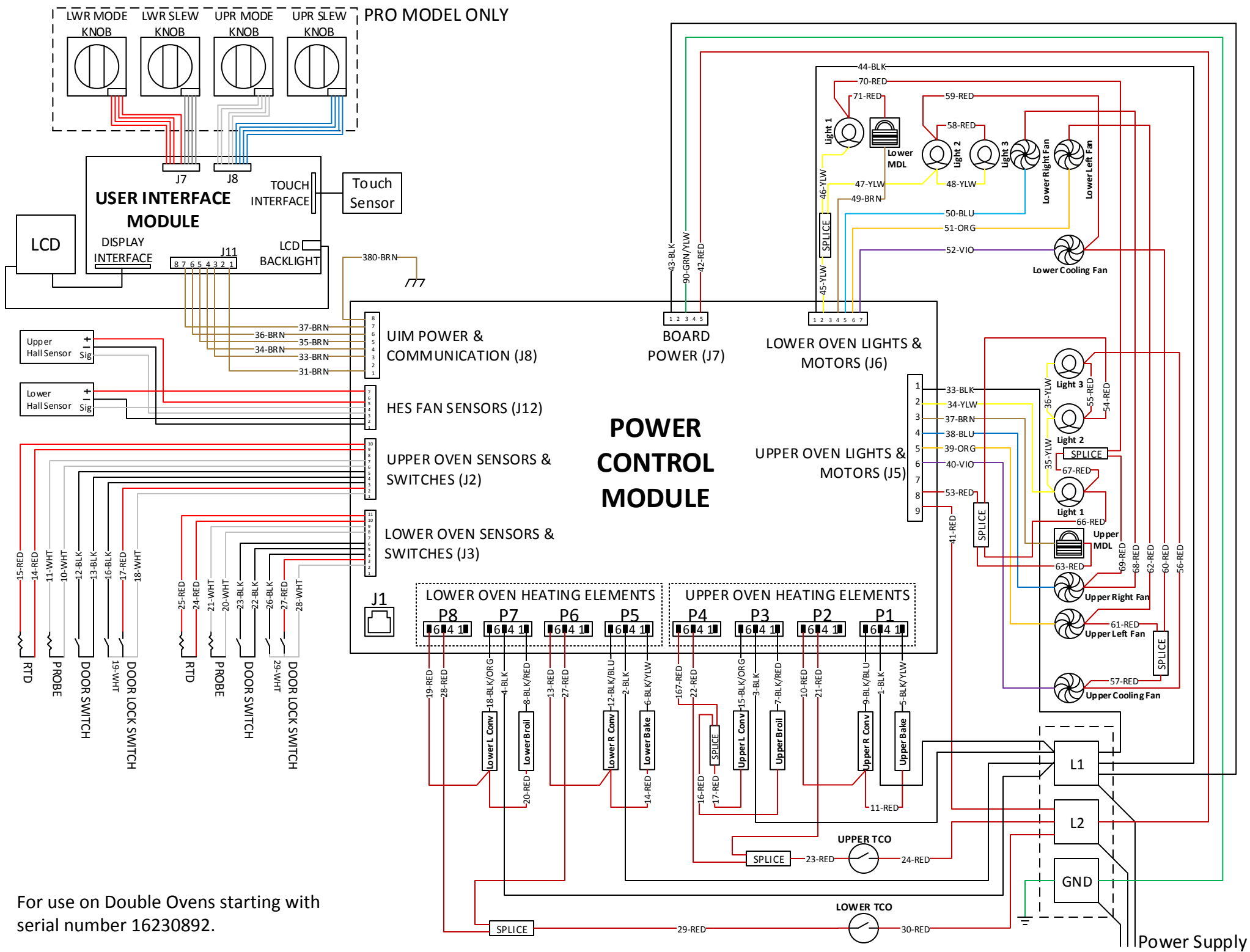
WIRE TABLE

LABEL	COLOR	MATERIAL	AWG	FROM	TERMINATION	TO	TERMINATION	UL TYPE
10-PROBE	WHITE	TINNED	22	CONN J2-6	AMP 1375819-3	UPPER PROBE - 2	MOLEX 39-00-0040	I569
11-PROBE	WHITE	TINNED	22	CONN J2-7	AMP 1375819-3	UPPER PROBE - 1	MOLEX 39-00-0040	I569
12-DOOR SW	VIOLET	TINNED	22	CONN J2-4	AMP 1375819-3	UPPER DOOR SWITCH - 1	AMP 5-104505-4	I0086
13-DOOR SW	VIOLET	TINNED	22	CONN J2-5	AMP 1375819-3	UPPER DOOR SWITCH - 2	AMP 5-104505-4	I0086
14-RTD	RED	TINNED	22	CONN J2-9	AMP 1375819-3	UPPER RTD - 1	AMP 175149-2	I569
15-RTD	RED	TINNED	22	CONN J2-10	AMP 1375819-3	UPPER RTD - 2	AMP 175149-2	I569
16-LOCK SW	BLACK	TINNED	22	CONN J2-3	AMP 1375819-3	UPPER DOOR LOCK SWITCH	AMP 2-520183-2	I0086
17-LOCK SW	RED	TINNED	22	CONN J2-2	AMP 1375819-3	UPPER DOOR LOCK SWITCH	AMP 2-520181-2	I0086
18-LOCK SW	WHITE	TINNED	22	CONN J2-1	AMP 1375819-3	UPPER DOOR LOCK SWITCH	AMP 2-520181-2	I0086
19-LOCK SW	WHITE	TINNED	22	UPPER DOOR LOCK SWITCH	AMP 2-520183-2	UPPER DOOR LOCK SWITCH	AMP 2-520181-2	I0086
20-PROBE	WHITE	TINNED	22	CONN J3-8	AMP 1375819-3	LOWER PROBE - 2	MOLEX 39-00-0040	I0086
21-PROBE	WHITE	TINNED	22	CONN J3-9	AMP 1375819-3	LOWER PROBE - 1	MOLEX 39-00-0040	I0086
22-DOOR SW	VIOLET	TINNED	22	CONN J3-5	AMP 1375819-3	LOWER DOOR SWITCH - 1	AMP 5-104505-4	I0086
23-DOOR SW	VIOLET	TINNED	22	CONN J3-6	AMP 1375819-3	LOWER DOOR SWITCH - 2	AMP 5-104505-4	I0086
24-RTD	RED	TINNED	22	CONN J3-10	AMP 1375819-3	LOWER RTD - 1	AMP 175149-2	I0086
25-RTD	RED	TINNED	22	CONN J3-11	AMP 1375819-3	LOWER RTD - 2	AMP 175149-2	I0086
26-LOCK SW	BLACK	TINNED	22	CONN J3-4	AMP 1375819-3	LOWER DOOR LOCK SWITCH	AMP 2-520183-2	I0086
27-LOCK SW	RED	TINNED	22	CONN J3-3	AMP 1375819-3	LOWER DOOR LOCK SWITCH	AMP 2-520181-2	I0086
28-LOCK SW	WHITE	TINNED	22	CONN J3-2	AMP 1375819-3	LOWER DOOR LOCK SWITCH	AMP 2-520181-2	I0086
29-LOCK SW	WHITE	TINNED	22	LOWER DOOR LOCK SWITCH	AMP 2-520183-2	LOWER DOOR LOCK SWITCH	AMP 2-520181-2	I0086
30-UPPER HES	RED	TINNED	22	CONN J12-5	AMP 1375819-3	UPPER HES - 1	MOLEX 08-56-0109	I0086
31-UPPER HES	BLACK	TINNED	22	CONN J12-1	AMP 1375819-3	UPPER HES - 2	MOLEX 08-56-0109	I0086
32-UPPER HES	WHITE	TINNED	22	CONN J12-3	AMP 1375819-3	UPPER HES - 3	MOLEX 08-56-0109	I0086
33-LOWER HES	RED	TINNED	22	CONN J12-7	AMP 1375819-3	LOWER HES - 1	MOLEX 08-56-0109	I0086
34-LOWER HES	BLACK	TINNED	22	CONN J12-2	AMP 1375819-3	LOWER HES - 2	MOLEX 08-56-0109	I0086
35-LOWER HES	WHITE	TINNED	22	CONN J12-4	AMP 1375819-3	LOWER HES - 3	MOLEX 08-56-0109	I0086

Wiring Diagram

M Series Double Wall Oven





For use on Double Ovens starting with serial number 16230892.