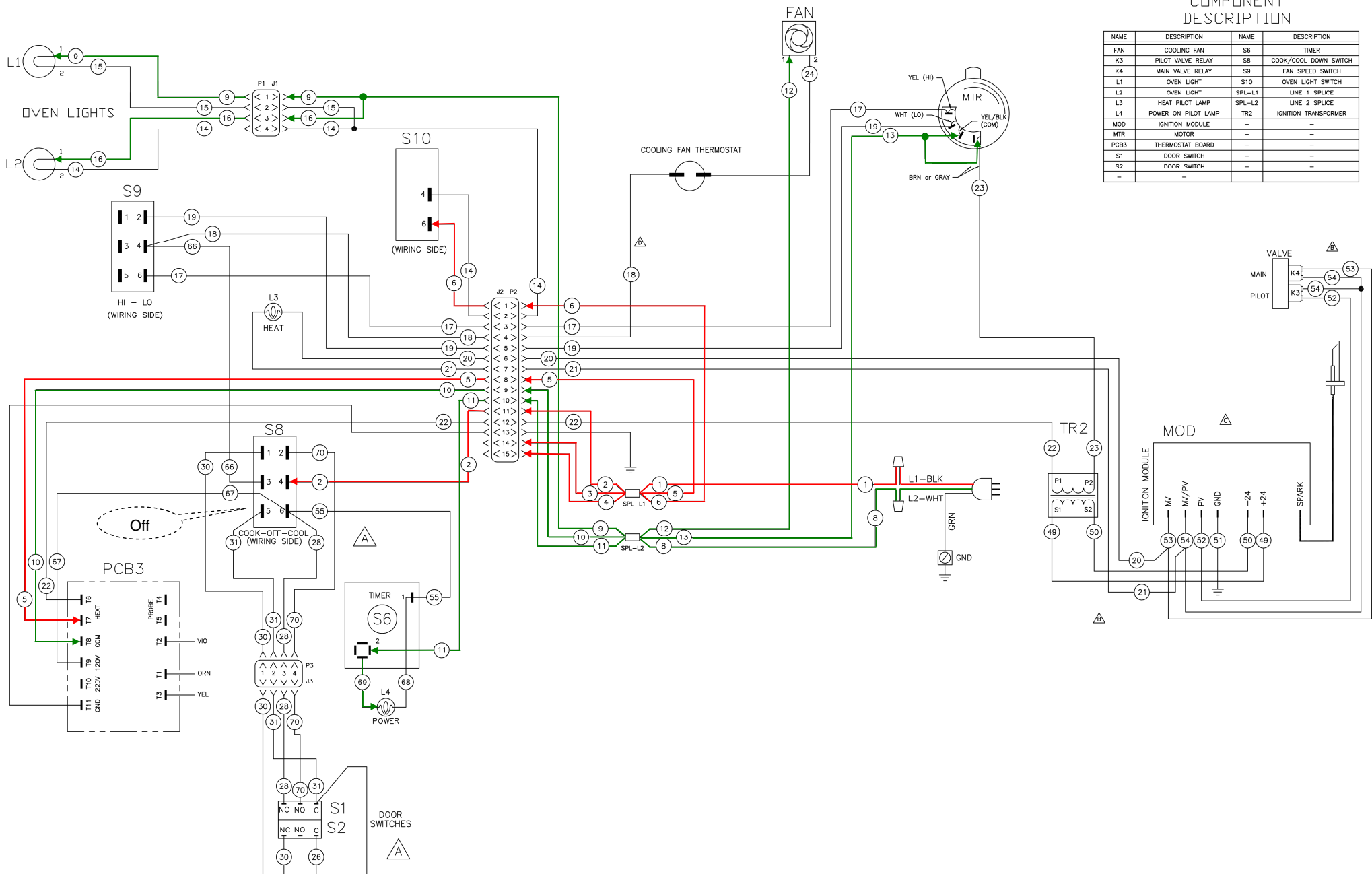


## COMPONENT DESCRIPTION

NAME	DESCRIPTION	NAME	DESCRIPTION
FAN	COOLING FAN	S6	TIMER
K3	PILOT VALVE RELAY	S8	COOK/COOL DOWN SWITCH
K4	MAIN VALVE RELAY	S9	FAN SPEED SWITCH
L1	OVEN LIGHT	S10	OVEN LIGHT SWITCH
L2	OVEN LIGHT	SPL-L1	LINE 1 SPLICE
L3	HEAT PILOT LAMP	SPL-L2	LINE 2 SPLICE
L4	POWER ON PILOT LAMP	TR2	IGNITION TRANSFORMER
MOD	IGNITION MODULE	-	-
MTR	MOTOR	-	-
PCB3	THERMOSTAT BOARD	-	-
S1	DOOR SWITCH	-	-
S2	DOOR SWITCH	-	-
-	-	-	-



### MCO 200 Control Diagram Reading Guide

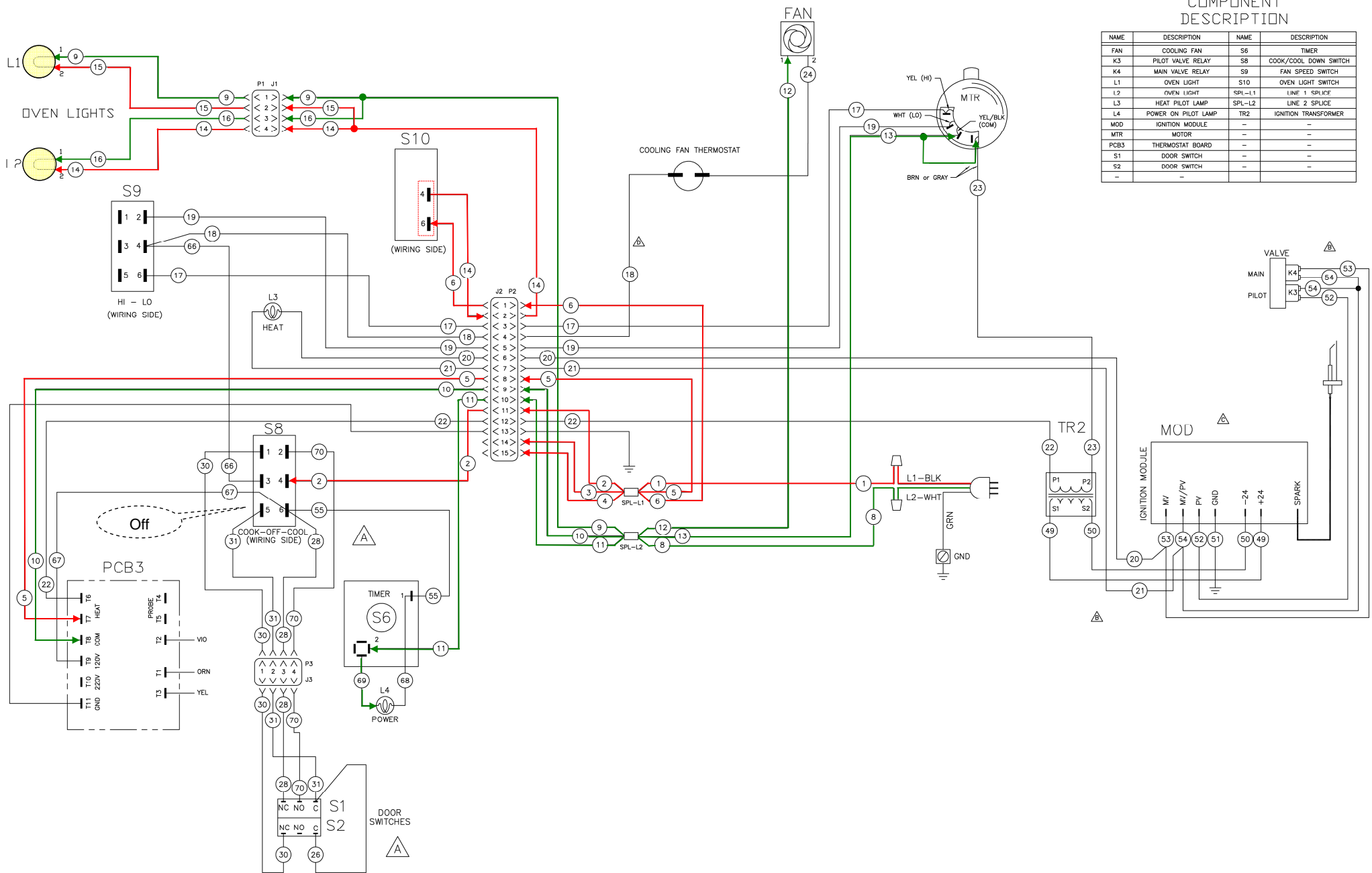
Constant un-interrupted power shown

Doors closed, unit off

- 110 Volt AC Hot
- 110 Volt AC Common
- 24 Volt AC Hot
- 24 Volt AC Common

## COMPONENT DESCRIPTION

NAME	DESCRIPTION	NAME	DESCRIPTION
FAN	COOLING FAN	S6	TIMER
K3	PILOT VALVE RELAY	S8	COOK/COOL DOWN SWITCH
K4	MAIN VALVE RELAY	S9	FAN SPEED SWITCH
L1	OVEN LIGHT	S10	OVEN LIGHT SWITCH
L2	OVEN LIGHT	SPL-L1	LINE 1 SPLICE
L3	HEAT PILOT LAMP	SPL-L2	LINE 2 SPLICE
L4	POWER ON PILOT LAMP	TR2	IGNITION TRANSFORMER
MOD	IGNITION MODULE	-	-
MTR	MOTOR	-	-
PCB3	THERMOSTAT BOARD	-	-
S1	DOOR SWITCH	-	-
S2	DOOR SWITCH	-	-
-	-	-	-



### Light Switch Activated

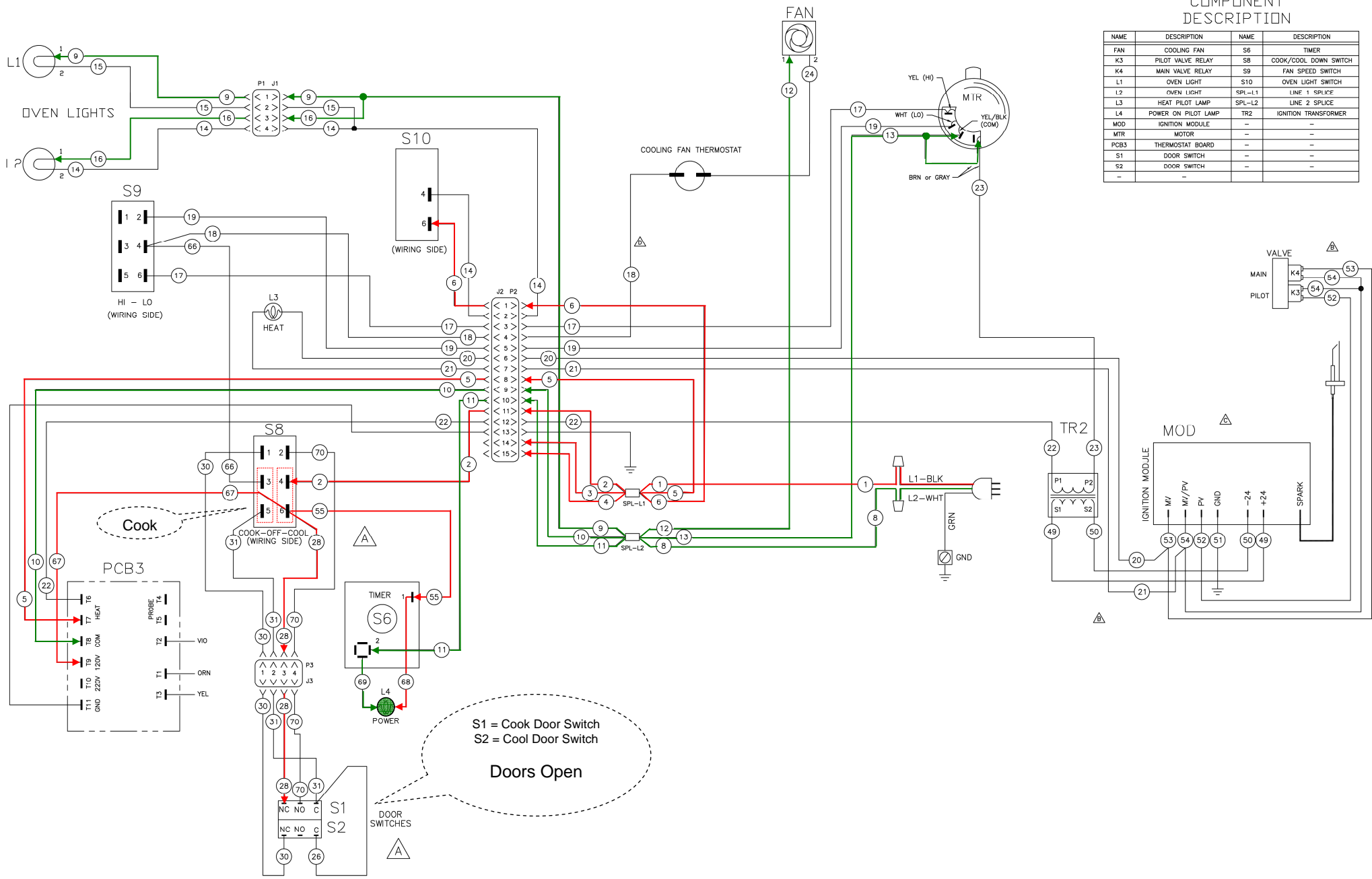
Momentary light switch activated

Doors closed, unit off

- 110 Volt AC Hot
- 110 Volt AC Common
- 24 Volt AC Hot
- 24 Volt AC Common

## COMPONENT DESCRIPTION

NAME	DESCRIPTION	NAME	DESCRIPTION
FAN	COOLING FAN	S6	TIMER
K3	PILOT VALVE RELAY	S8	COOK/COOL DOWN SWITCH
K4	MAIN VALVE RELAY	S9	FAN SPEED SWITCH
L1	OVEN LIGHT	S10	OVEN LIGHT SWITCH
L2	OVEN LIGHT	SPL-L1	LINE 1 SPLICE
L3	HEAT PILOT LAMP	SPL-L2	LINE 2 SPLICE
L4	POWER ON PILOT LAMP	TR2	IGNITION TRANSFORMER
MOD	IGNITION MODULE	-	-
MTR	MOTOR	-	-
PCB3	THERMOSTAT BOARD	-	-
S1	DOOR SWITCH	-	-
S2	DOOR SWITCH	-	-
-	-	-	-



### Cook Selected

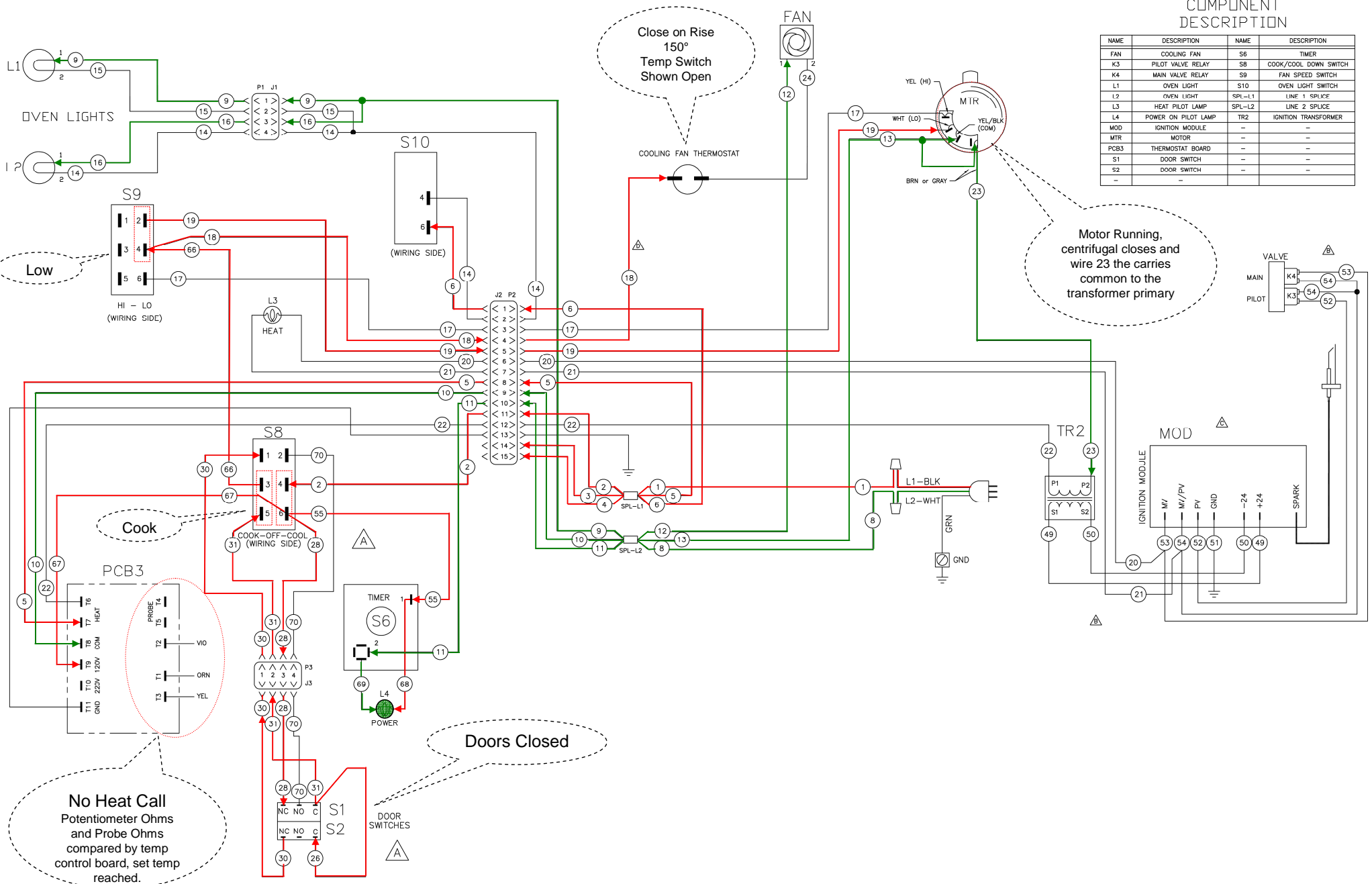
Cook/Off/Cool Switch in Cook

Doors Open

- 110 Volt AC Hot
- 110 Volt AC Common
- 24 Volt AC Hot
- 24 Volt AC Common

## COMPONENT DESCRIPTION

NAME	DESCRIPTION	NAME	DESCRIPTION
FAN	COOLING FAN	S6	TIMER
K3	PILOT VALVE RELAY	S8	COOK/COOL DOWN SWITCH
K4	MAIN VALVE RELAY	S9	FAN SPEED SWITCH
L1	OVEN LIGHT	S10	OVEN LIGHT SWITCH
L2	OVEN LIGHT	SPL-L1	LINE 1 SPLICE
L3	HEAT PILOT LAMP	SPL-L2	LINE 2 SPLICE
L4	POWER ON PILOT LAMP	TR2	IGNITION TRANSFORMER
MOD	IGNITION MODULE	-	-
MTR	MOTOR	-	-
PCB3	THERMOSTAT BOARD	-	-
S1	DOOR SWITCH	-	-
S2	DOOR SWITCH	-	-
-	-	-	-



### Cook Selected

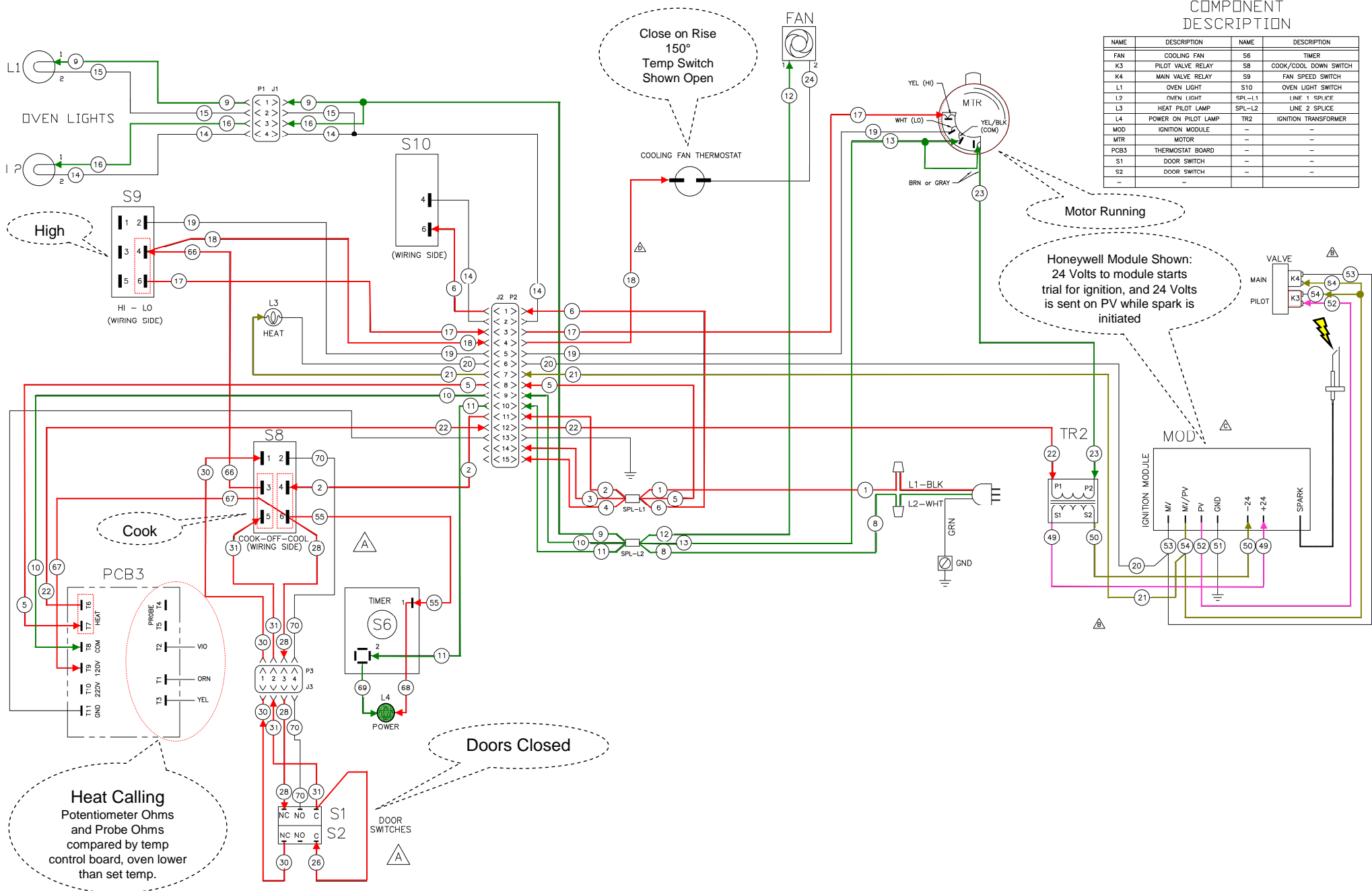
Cook/Off/Cool Switch in Cook, Fan Speed Low

Doors Closed, Thermostat not calling for heat

- 110 Volt AC Hot
- 110 Volt AC Common
- 24 Volt AC Hot
- 24 Volt AC Common

### COMPONENT DESCRIPTION

NAME	DESCRIPTION	NAME	DESCRIPTION
FAN	COOLING FAN	S6	TIMER
K3	PILOT VALVE RELAY	S8	COOK/OFF/COOL DOWN SWITCH
K4	MAIN VALVE RELAY	S9	FAN SPEED SWITCH
L1	OVEN LIGHT	S10	OVEN LIGHT SWITCH
L2	OVEN LIGHT	SPL-L1	LINE 1 SPLICE
L3	HEAT PILOT LAMP	SPL-L2	LINE 2 SPLICE
L4	POWER ON PILOT LAMP	TR2	IGNITION TRANSFORMER
MOD	IGNITION MODULE	-	-
MTR	MOTOR	-	-
PCB3	THERMOSTAT BOARD	-	-
S1	DOOR SWITCH	-	-
S2	DOOR SWITCH	-	-
-	-	-	-



### Cook Selected

Cook/Off/Cool Switch in Cook, Fan Speed Low

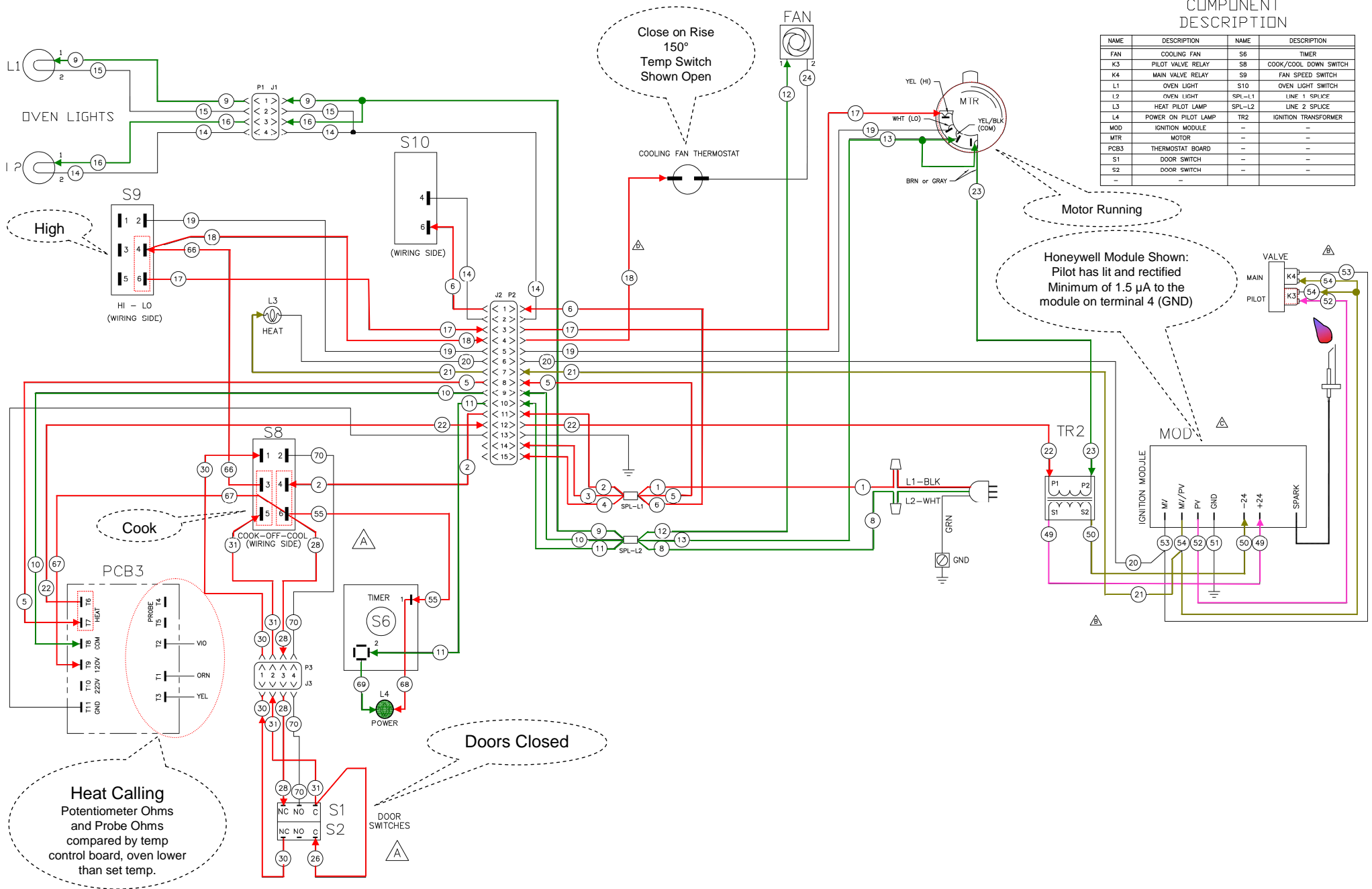
Doors Closed, Thermostat not calling for heat

Ignition Sequence Begins = Spark and 24v on PV

- 110 Volt AC Hot
- 110 Volt AC Common
- 24 Volt AC Hot
- 24 Volt AC Common

## COMPONENT DESCRIPTION

NAME	DESCRIPTION	NAME	DESCRIPTION
FAN	COOLING FAN	S6	TIMER
K3	PILOT VALVE RELAY	S8	COOK/OFF/COOL DOWN SWITCH
K4	MAIN VALVE RELAY	S9	FAN SPEED SWITCH
L1	OVEN LIGHT	S10	OVEN LIGHT SWITCH
L2	OVEN LIGHT	SPL-L1	LINE 1 SPLICE
L3	HEAT PILOT LAMP	SPL-L2	LINE 2 SPLICE
L4	POWER ON PILOT LAMP	TR2	IGNITION TRANSFORMER
MOD	IGNITION MODULE	-	-
MTR	MOTOR	-	-
PCB3	THERMOSTAT BOARD	-	-
S1	DOOR SWITCH	-	-
S2	DOOR SWITCH	-	-
-	-	-	-



### Cook Selected

Cook/Off/Cool Switch in Cook, Fan Speed Low

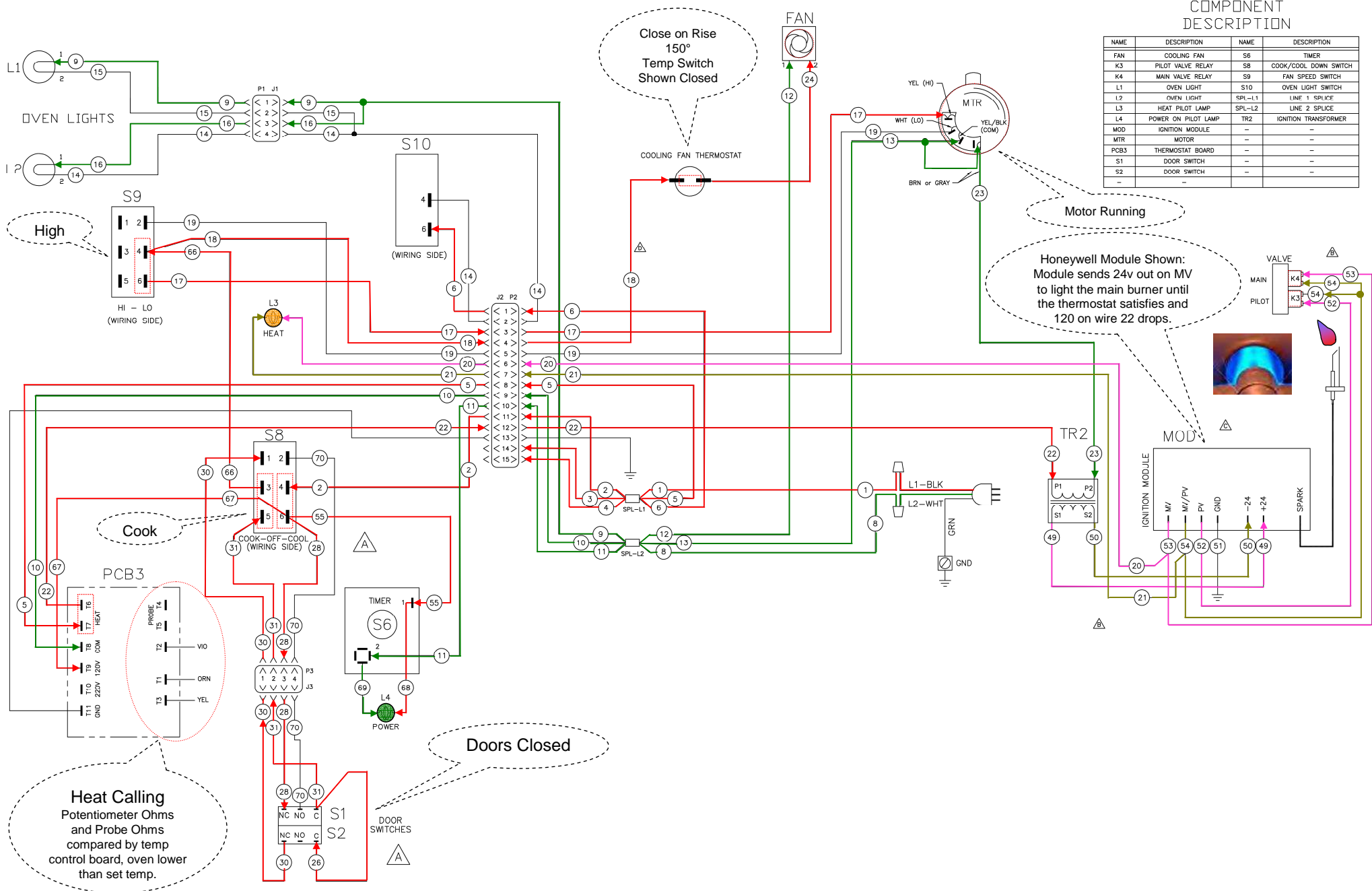
Doors Closed, Thermostat not calling for heat

Ignition Sequence = Pilot lit and rectified

- 110 Volt AC Hot
- 110 Volt AC Common
- 24 Volt AC Hot
- 24 Volt AC Common

### COMPONENT DESCRIPTION

NAME	DESCRIPTION	NAME	DESCRIPTION
FAN	COOLING FAN	S6	TIMER
K3	PILOT VALVE RELAY	S8	COOK/OFF/COOL DOWN SWITCH
K4	MAIN VALVE RELAY	S9	FAN SPEED SWITCH
L1	OVEN LIGHT	S10	OVEN LIGHT SWITCH
L2	OVEN LIGHT	SPL-L1	LINE 1 SPLICE
L3	HEAT PILOT LAMP	SPL-L2	LINE 2 SPLICE
L4	POWER ON PILOT LAMP	TR2	IGNITION TRANSFORMER
MOD	IGNITION MODULE	-	-
MTR	MOTOR	-	-
PCB3	THERMOSTAT BOARD	-	-
S1	DOOR SWITCH	-	-
S2	DOOR SWITCH	-	-
-	-	-	-



### Cook Selected

Cook/Off/Cool Switch in Cook, Fan Speed Low

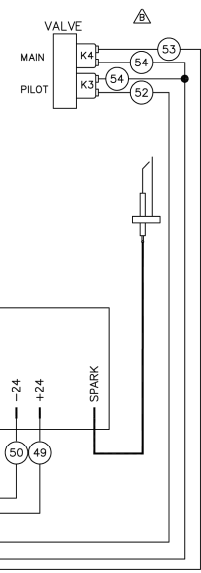
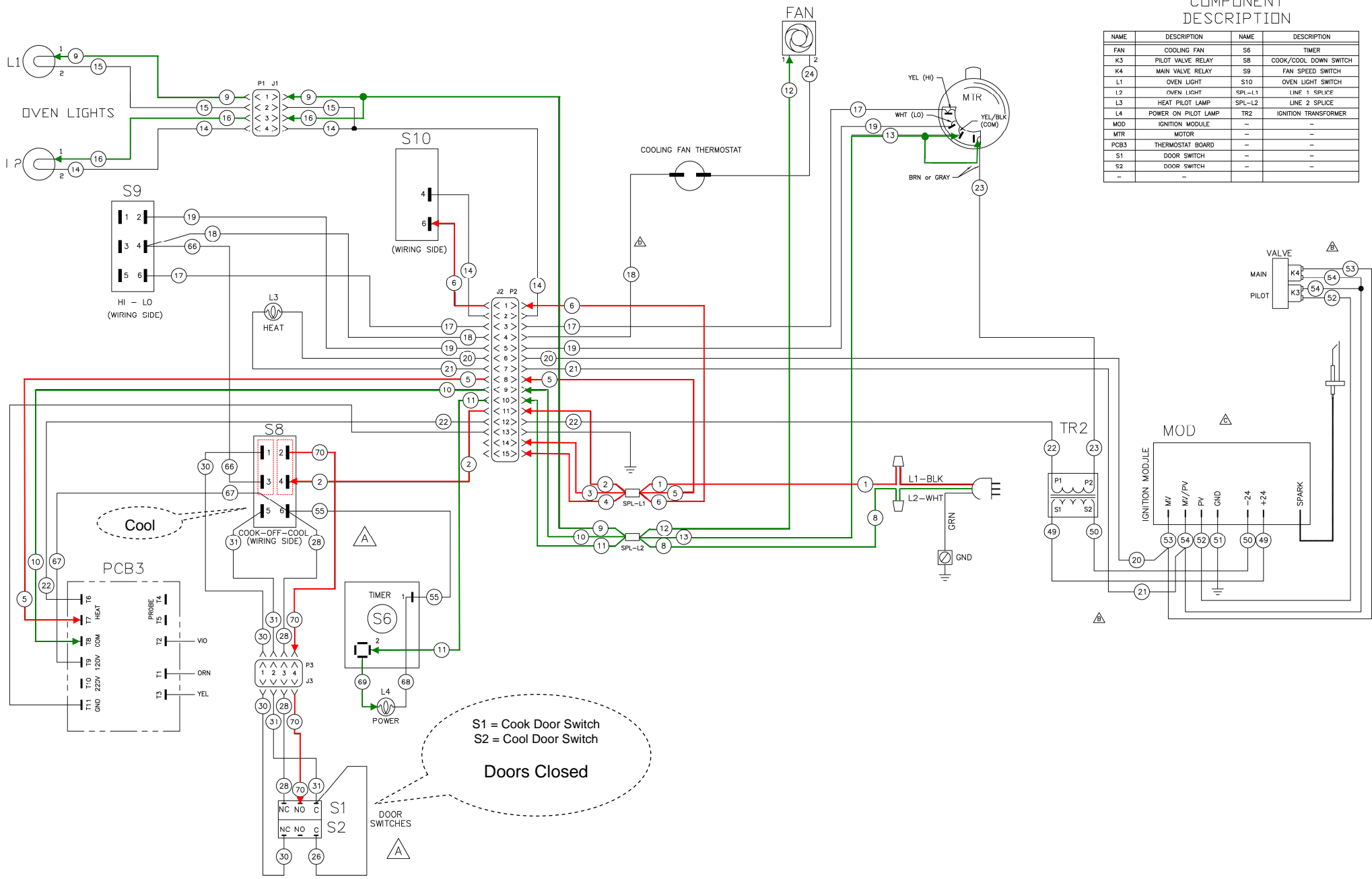
Doors Closed, Thermostat not calling for heat

Ignition Sequence = Main Burner Lit

- 110 Volt AC Hot
- 110 Volt AC Common
- 24 Volt AC Hot
- 24 Volt AC Common

## COMPONENT DESCRIPTION

NAME	DESCRIPTION	NAME	DESCRIPTION
FAN	COOLING FAN	S6	TIMER
K3	PILOT VALVE RELAY	S8	COOK/COOL DOWN SWITCH
K4	MAIN VALVE RELAY	S9	FAN SPEED SWITCH
L1	OVEN LIGHT	S10	OVEN LIGHT SWITCH
L2	OVEN LIGHT	SPL-L1	LINE 1 SPLICE
L3	HEAT PILOT LAMP	SPL-L2	LINE 2 SPLICE
L4	POWER ON PILOT LAMP	TR2	IGNITION TRANSFORMER
MOD	IGNITION MODULE	-	-
MTR	MOTOR	-	-
PCB3	THERMOSTAT BOARD	-	-
S1	DOOR SWITCH	-	-
S2	DOOR SWITCH	-	-
-	-	-	-



### Cool Selected

Cook/Off/Cool Switch in Cool

Doors Closed

- 110 Volt AC Hot
- 110 Volt AC Common
- 24 Volt AC Hot
- 24 Volt AC Common

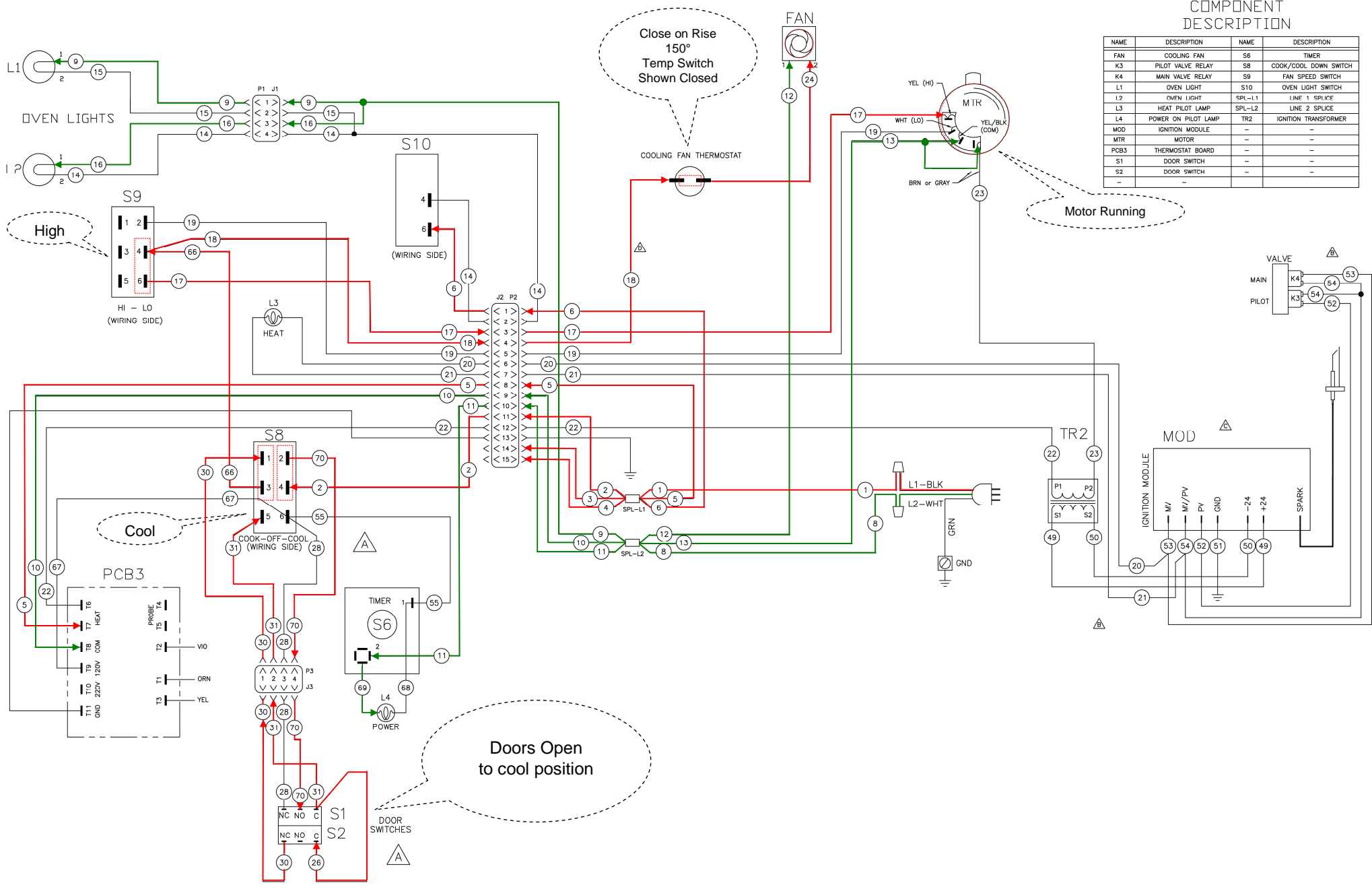
S1 = Cook Door Switch  
 S2 = Cool Door Switch

Doors Closed



### COMPONENT DESCRIPTION

NAME	DESCRIPTION	NAME	DESCRIPTION
FAN	COOLING FAN	S6	TIMER
K3	PILOT VALVE RELAY	S8	COOK/COOL DOWN SWITCH
K4	MAIN VALVE RELAY	S9	FAN SPEED SWITCH
L1	OVEN LIGHT	S10	OVEN LIGHT SWITCH
L2	OVEN LIGHT	SPL-L1	LINE 1 SPLICE
L3	HEAT PILOT LAMP	SPL-L2	LINE 2 SPLICE
L4	POWER ON PILOT LAMP	TR2	IGNITION TRANSFORMER
MOD	IGNITION MODULE	-	-
MTR	MOTOR	-	-
PCB3	THERMOSTAT BOARD	-	-
S1	DOOR SWITCH	-	-
S2	DOOR SWITCH	-	-
-	-	-	-



### Cool Selected

Cook/Off/Cool Switch in Cool

Doors Open to Cool Position

- 110 Volt AC Hot
- 110 Volt AC Common
- 24 Volt AC Hot
- 24 Volt AC Common