

Honeywell DCBBC Digital Temperature Control

1.0 Configuration Electrical Connections

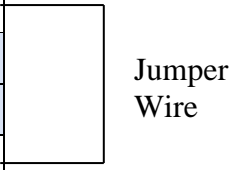
If you are replacing a Digital Middleby Controller (gray rubber or black plastic face) then simply exchange the control assembly from the front of the oven (single screw). If you are changing from a West control then see table below

8	T/C + White (Thermocouple)	9	Input Cool-down Relay
7	T/C - Red (Thermocouple)	10	Output Cool -down Relay
6	No Connection	11	Input High Limit Relay
5	Input Temperature Relay	12	Output High Limit Relay
4	Output Temperature to High Flame		
L2	110VAC Neutral		
L1	110VAC Hot	15 +	Pins 15, 16 are for 4-20ma PID modulating oven systems.
	Ground	16 -	

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* Note:
All relays are rated for 10A of current.

Function	Middleby/ Honeywell	Middleby/ West (Wire tag numbers)
T/C +	8	2
T/C -	7	3
L2 or Neutral	L2	14
L1 120V	L1	13
4-20ma PID +	15	24
4-20ma PID -	16	22
Cooldown Relay C	9	12
Cooldown Relay NO	10	11
On/Off Relay C	5	8
On/Off Relay NO	4	9
High Limit Relay C	11	20
High Limit Relay NO	12	21



Notes:

1. Terminal pairs highlighted in blue are dependent on if the oven is configured with a PID (modulating) solenoid valve or a On/Off solenoid valve. Select one option and not both
2. Terminal pairs highlighted in green will not be connected for ovens configured with a separate high limit board. Connect the Ground terminal on the Honeywell control to chassis ground.