

# SEE CONTROL PANEL WIRING DIAGRAM FOR WIRING CONNECTIONS TO KILN ZONE RECEPTACLES

| 1 Phase Electrical Specs |                 |      |  |
|--------------------------|-----------------|------|--|
| Voltage                  | 208 / 1 / 50-60 |      |  |
| Watts                    | 15,240          |      |  |
| Full Load Amps           | L1              | L2   |  |
|                          | 73.3            | 73.3 |  |
| Power Supply             | Fuse            | Wire |  |
|                          | 100A            | 3AWG |  |

| 1 Phase Electrical Specs |                 |      |  |
|--------------------------|-----------------|------|--|
| Voltage                  | 220 / 1 / 50-60 |      |  |
| Watts                    | 16,125          |      |  |
| Full Load Amps           | L1              | L2   |  |
|                          | 73.3            | 73.3 |  |
| Power Supply             | Fuse            | Wire |  |
|                          | 100A            | 3AWG |  |

| 1 Phase Electrical Specs |                 |      |  |
|--------------------------|-----------------|------|--|
| Voltage                  | 240 / 1 / 50-60 |      |  |
| Watts                    | 17,575          |      |  |
| Full Load Amps           | L1              | L2   |  |
|                          | 73.2            | 73.2 |  |
| Power Supply             | Fuse            | Wire |  |
|                          | 100A            | 3AWG |  |

| 3 Phase Electrical Specs |                 |      |      |
|--------------------------|-----------------|------|------|
| Voltage                  | 208 / 3 / 50-60 |      |      |
| Watts                    | 15,240          |      |      |
| Full Load Amps           | L1              | L2   | L3   |
|                          | 50.8            | 50.8 | 50.8 |
| Power Supply             | Fuse            | Wire |      |
|                          | 70A             | 6AWG |      |



| 3 Phase Electrical Specs |                 |      |      |
|--------------------------|-----------------|------|------|
| Voltage                  | 240 / 3 / 50-60 |      |      |
| Watts                    | 17,575          |      |      |
| Full Load Amps           | L1              | L2   | L3   |
|                          | 50.7            | 50.7 | 50.7 |
| Power Supply             | Fuse            | Wire |      |
|                          | 70A             | 6AWG |      |

| 3 Phase Wye Electrical Specs |                   |      |      |
|------------------------------|-------------------|------|------|
| Voltage                      | 380 / 3-Y / 50-60 |      |      |
| Watts                        | 16,125            |      |      |
| Full Load Amps               | L1                | L2   | L3   |
|                              | 29.3              | 29.3 | 29.3 |
| Power Supply                 | Fuse              | Wire |      |
|                              | 40A               | 8AWG |      |

| 3 Phase Wye Electrical Specs |                   |      |      |
|------------------------------|-------------------|------|------|
| Voltage                      | 400 / 3-Y / 50-60 |      |      |
| Watts                        | 16,125            |      |      |
| Full Load Amps               | L1                | L2   | L3   |
|                              | 28.0              | 28.0 | 28.0 |
| Power Supply                 | Fuse              | Wire |      |
|                              | 40A               | 8AWG |      |

| 3 Phase Wye Electrical Specs |                   |      |      |
|------------------------------|-------------------|------|------|
| Voltage                      | 415 / 3-Y / 50-60 |      |      |
| Watts                        | 17,575            |      |      |
| Full Load Amps               | L1                | L2   | L3   |
|                              | 29.3              | 29.3 | 29.3 |
| Power Supply                 | Fuse              | Wire |      |
|                              | 40A               | 8AWG |      |

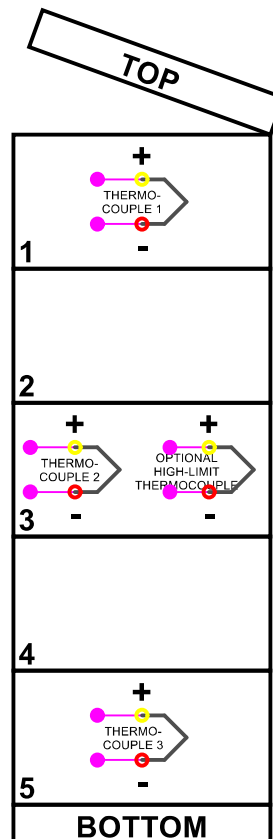
## Associated Control Panels

| Model   | JD245 | JD245-3P | JD245-3PY |  |  |  |
|---------|-------|----------|-----------|--|--|--|
| Type    |       |          |           |  |  |  |
| Diagram |       |          |           |  |  |  |

Industrial & commercial applications may require the installation of a LOCKOUT/TAGOUT device to prevent the kiln from operating during maintenance.

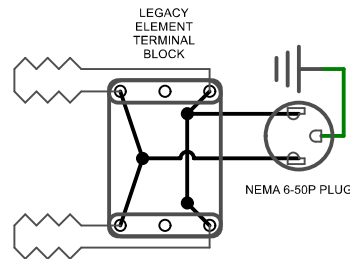
This kiln is recommended to be wired & connected to an approved U. L. & NEC configured receptacle controlled with a disconnect switch and properly fused according to the kW load specification listed on the kiln nameplate. L&L Kiln Mfg., Inc., also recommends fuses rather than circuit breakers to prevent nuisance tripping.

## THERMOCOUPLE LOCATIONS

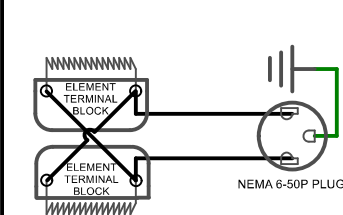


## ELEMENT CONNECTIONS

### LEGACY DESIGN



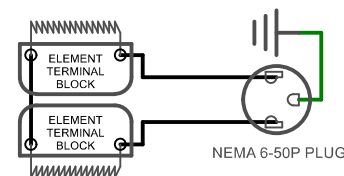
### CURRENT DESIGN



### KILN SECTIONS

### KILN SECTIONS

### QUAD



### KILN SECTIONS



**CAUTION: DO NOT PLUG  
KILN SECTIONS DIRECTLY  
TO LINE VOLTAGE**

### JD245 Kiln Diagram



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