

SINGLE PHASE MODELS:

| MODELS T3445-PB & T3445-D-PB | | | |
|------------------------------|-----------------|---------|----|
| VOLTAGE | 208 / 1 / 50-60 | | |
| KW | 47.1 | | |
| FULL LOAD AMPS | L1 | L2 | L3 |
| | 226.5 | 226.5 | ∞ |
| POWER SUPPLY | FUSE | WIRE | |
| | 250A | 350 MCM | |
| ELEMENTS (E-T-3400/20) | QTY | OHMS | |
| | 17 | 15.6 | |
| VOLTAGE | 220 / 1 / 50-60 | | |
| KW | 47.1 | | |
| FULL LOAD AMPS | L1 | L2 | L3 |
| | 214.1 | 214.1 | ∞ |
| POWER SUPPLY | FUSE | WIRE | |
| | 250A | 350 MCM | |
| ELEMENTS (E-T-3400/40) | QTY | OHMS | |
| | 17 | 17.5 | |
| VOLTAGE | 240 / 1 / 50-60 | | |
| KW | 47.1 | | |
| FULL LOAD AMPS | L1 | L2 | L3 |
| | 196.3 | 196.3 | ∞ |
| POWER SUPPLY | FUSE | WIRE | |
| | 225A | 350 MCM | |
| ELEMENTS (E-T-3400/30) | QTY | OHMS | |
| | 17 | 20.8 | |

THREE PHASE MODELS:

| MODELS T3445-PB & T3445-D-PB | | | |
|------------------------------|-----------------|---------|-------|
| VOLTAGE | 208 / 3 / 50-60 | | |
| KW | 47.1 | | |
| FULL LOAD AMPS | L1 | L2 | L3 |
| | 126.9 | 138.4 | 126.9 |
| POWER SUPPLY | FUSE | WIRE | |
| | 175A | 4/0 AWG | |
| ELEMENTS (E-T-3400/20) | QTY | OHMS | |
| | 17 | 15.6 | |
| VOLTAGE | 220 / 3 / 50-60 | | |
| KW | 47.1 | | |
| FULL LOAD AMPS | L1 | L2 | L3 |
| | 120.0 | 130.9 | 120.0 |
| POWER SUPPLY | FUSE | WIRE | |
| | 175A | 4/0 AWG | |
| ELEMENTS (E-T-3400/40) | QTY | OHMS | |
| | 17 | 17.5 | |
| VOLTAGE | 240 / 3 / 50-60 | | |
| KW | 47.1 | | |
| FULL LOAD AMPS | L1 | L2 | L3 |
| | 110.0 | 120.0 | 110.0 |
| POWER SUPPLY | FUSE | WIRE | |
| | 150A | 2/0 AWG | |
| ELEMENTS (E-T-3400/30) | QTY | OHMS | |
| | 17 | 20.8 | |

1 PHASE CONTROL PANELS:

| MODEL | (AUTO/ MANUAL) | WIRING DIAGRAM |
|------------|----------------|----------------|
| T3445-PB | (MANUAL) | K265-107 |
| T3445-D-PB | (AUTO) | K265-157 |

3 PHASE CONTROL PANELS:

| MODEL | (AUTO/ MANUAL) | WIRING DIAGRAM |
|------------|----------------|----------------|
| T3445-PB | (MANUAL) | K265-108 |
| T3445-D-PB | (AUTO) | K265-158 |



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

NOTES:

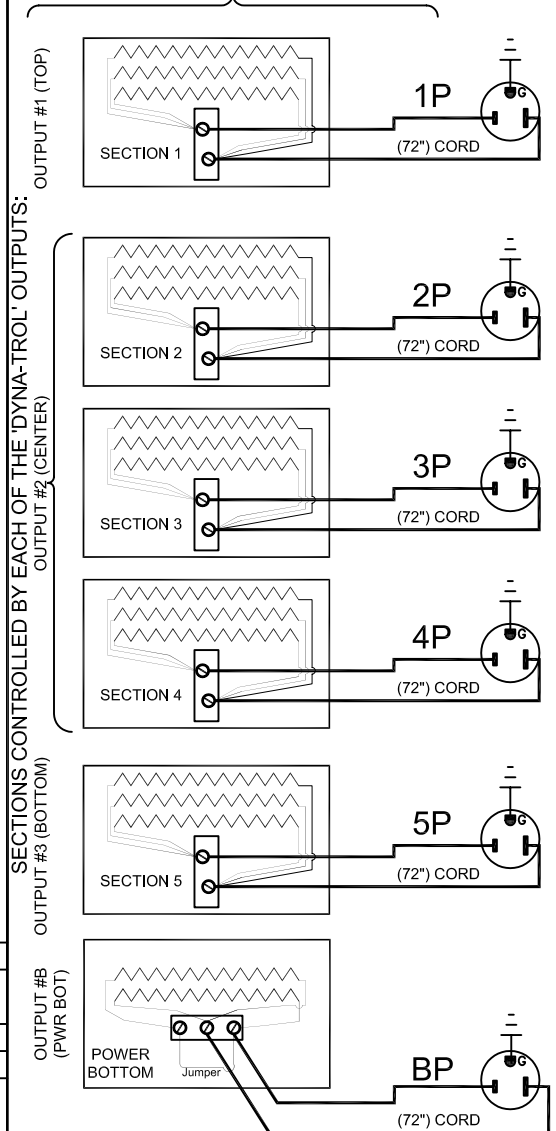
Industrial & commercial applications may require the installation of a LOCKOUT/TAGOUT device to prevent the Kiln from operating during maintenance.

This Kiln is recommended to be wired & connected to an approved U. L. & NEC configured 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.

ELECTRICAL PARTS LIST

| SYMBOL | QTY | DESCRIPTION | CUSTOMER PART NO. |
|--------|-----|----------------------|-------------------|
| P | 6 | 72" PLUGS NEMA 6-50P | L-G-PC50/72 |

KILN ASSEMBLY



Output Numbers refer to Dyna-Trol Outputs on Automatic Kilns only.



CAUTION: DO NOT PLUG KILN SECTIONS DIRECTLY TO LINE VOLTAGE

| REV# | DATE | REVISION DESCRIPTION |
|------|---------|---|
| A | 6/29/09 | REPLACED UL MARK WITH MET CERTIFIED MARK & ADDED NEW LOGO |
| 0 | 9/25/02 | MISC CHANGES FOR RELEASE |
| P1 | 4/16/01 | ADDED C-UL-US SYMBOL |

L Kilns
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TITLE **DaVINCI KILN WIRING DIAGRAM**
MODELS T3445-PB & T3445-D-PB
1 or 3 PHASE KILN ASSEMBLY
5 SECTIONS, With Power Bottom

| | | |
|--|--------------------|-----------------------------|
| DRAWN BY G.D.L. | REV. CODE A | DRAWING NO. K141-111 |
| DATE 10/20/99 | SCALE 1 = 8 | |
| CHK G.D.L. | APP | |
| JOB NO | SER NO | SHEET NO. OF |
| FILE NAME L:\EVL\KILN\WIRING\DKLN | MADE FROM | DAVINCNK105-104.dwg |