

**USE WITH FOLLOWING KILN ASSEMBLIES:**

| MODEL | WIRING DIAGRAM |
|-------|----------------|
| J236  | K038-110       |
| J2936 | K044-110       |
| X2336 | K014-110       |

SEE KILN WIRING DIAGRAM

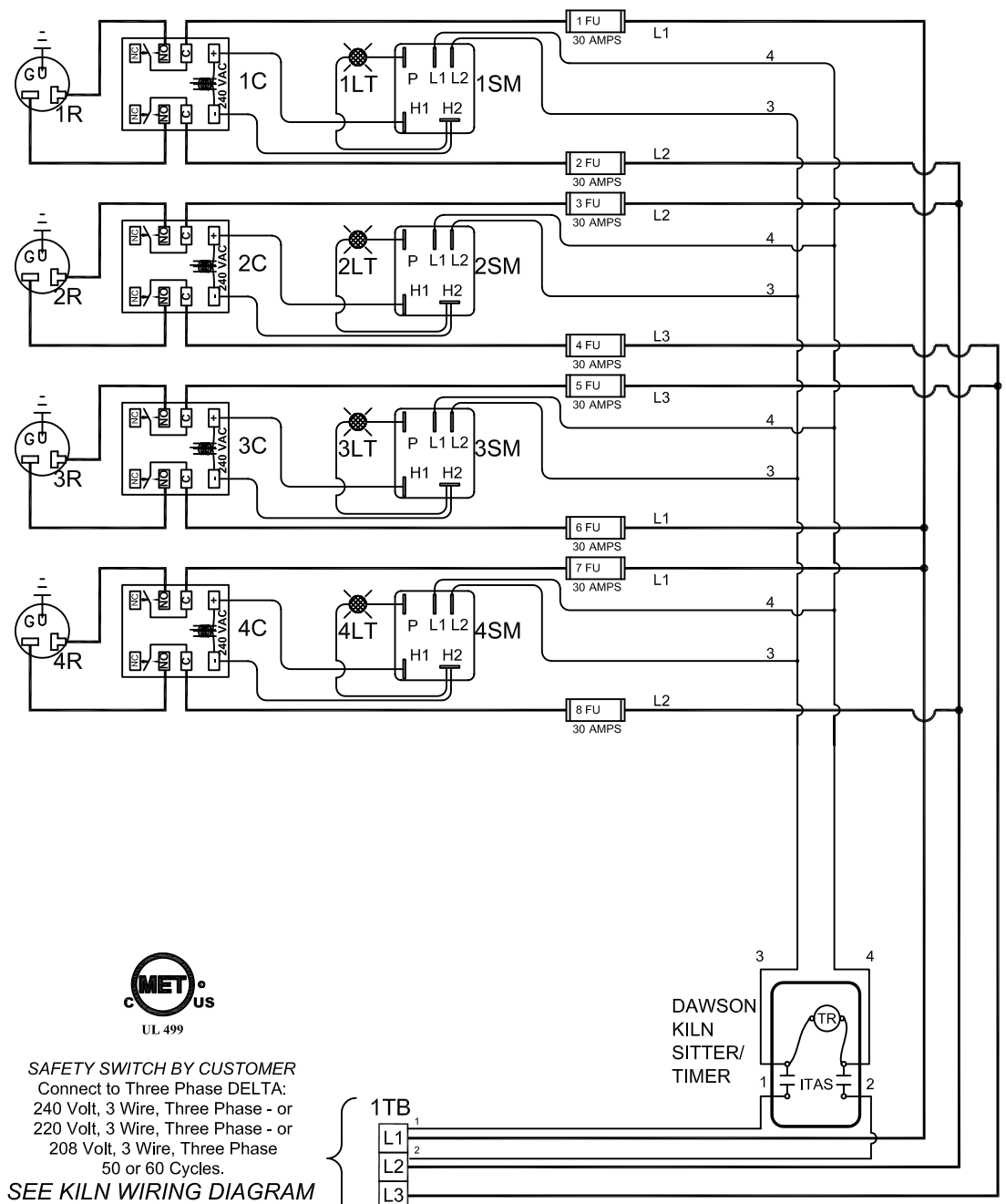
PLUG KILN SECTION CAPS INTO RESPECTIVE RECEPTACLES

**NOTES:**

Control Wire:  
14 AWG, SEWF, 150°C  
Power Wire:  
14 AWG, SEWF, 150°C

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

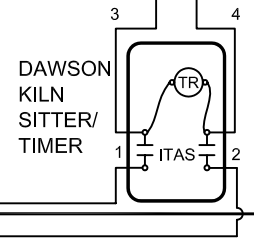
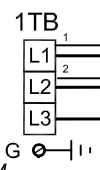
This Kiln is recommended to be wired & connected to an approved U. L. & NEC configured disconnect switch and properly fused according to the KW load load specification listed on the Kiln Nameplate. L&L Kiln Mfg., Inc., also recommends fuses rather than circuit breakers to prevent nuisance tripping.



**SAFETY SWITCH BY CUSTOMER**  
Connect to Three Phase DELTA:  
240 Volt, 3 Wire, Three Phase - or  
220 Volt, 3 Wire, Three Phase - or  
208 Volt, 3 Wire, Three Phase  
50 or 60 Cycles.

**SEE KILN WIRING DIAGRAM FOR POWER REQUIREMENTS**

SWITCHING CAPACITY = 52 AMPS MAXIMUM



**ELECTRICAL PARTS LIST**

| SYMBOL | QTY     | DESCRIPTION                       | CUSTOMER PART NO. |
|--------|---------|-----------------------------------|-------------------|
| 1TB    | 1       | POWER CONNECTION BOARD            | L-J-PBLG/01       |
| 1TAS   | 1       | DAWSON KILN SITTER                | N-G-LT30/00       |
| 1TAS   | 1 (OPT) | 50 HZDAWSON KILN SITTER           | N-G-LT30/50       |
| SM     | 4       | INPUT ZONE SWITCHES               | L-J-INF0/30       |
| LT     | 4       | INPUT ZONE PILOT LIGHTS           | L-G-PIL0/00       |
| C      | 4       | POWER RELAYS                      | L-G-RL25/30       |
| R      | 4       | SINGLE RECEPTACLE NEMA 6-20R      | L-J-SR20/00       |
| FU(B)  | 4       | ELEMENT BRANCH CIRCUIT FUSEBLOCKS | L-G-FH30/20       |
| FU(S)  | 8       | ELEMENT BRANCH CIRCUIT FUSES      | L-G-FS30/NL       |

| REV# | DATE    | REVISION DESCRIPTION                                      |
|------|---------|---|
| A    | 6/17/09 | REPLACED UL MARK WITH MET CERTIFIED MARK & ADDED NEW LOGO |
| 0    | 10/1/02 | MISC CORRECTIONS FOR RELEASE                              |

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TITLE **CONTROL WIRING DIAGRAM WITH MANUAL INPUT SWITCHES**  
For 3 Phase Kiln with (4) 20 Amp Sections  
Branch Circuit Fusing / No Power Bottom

|   |                    |                                |
|---|--------------------|--------------------------------|
| DRAWN BY <b>G.W.L.</b>                                | REV. CODE <b>A</b> | DRAWING NO. <b>K262-106</b>    |
| DATE <b>1/24/01</b>                                   | SCALE <b>1 = 8</b> |                                |
| CHK <b>G.D.L.</b>                                     | APP                |                                |
| JOB NO  | SER NO             | SHEET NO. <b>1</b> OF <b>1</b> |
| FILE NAME <b>L:\EVL\KILN\WIRING\GCTL\K262-106.dwg</b> | MADE FROM          | USERIES\K043-103.dwg           |