



JD230-MG POWER REQUIREMENTS
 380/230 VOLTS
 3 PHASE
 50 HZ
 11.04 KW
 16.0 AMPS
 30 A Class H FUSES

MODEL JD230 =
 ZONES 1 THRU 3
 3 - 9" RINGS

SAFETY SWITCH BY CUSTOMER
 Connect to 380/230 Volt, Three Phase
 50 or 60 Cycles.
 SEE POWER REQUIREMENTS
 TABLE ABOVE.

NOTES:

All control & power wiring is No. 14 AWG, SEWF-2.
 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 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 | SHOP PART NO. | CUSTOMER PART NO. | REV# | DATE |
| 1TB | 1 | POWER CONNECTION BOARD | E-TER-3X6175-A1 | L-J-PBLG/02 | A | 10/28/09 |
| 1TAS | 1 | DYN-TROL DYNAMIC CONTROLLER | T-DAW-LT3240-A1 | N-G-TOO0/00 | 0 | 5/20/99 |
| T/C | 3 | THERMOCOUPLES (14 Ga - 18") | (COMPOSITE) | T-B-1814/00 | | AS BUILT |
| C | 3 | POWER RELAYS | E-CNT-EO252Y-A1 | L-G-RL25/12 | | REVISION DESCRIPTION |
| 1FU | 1 | CONTROL FUSE | E-FUS-AGC2F5-A1 | L-C-FS05/00 | | |
| 1FUB | 1 | PANEL MOUNT FUSE HOLDER | E-FUB-P20101-A1 | L-G-FSPB/00 | | |
| 1TGS | 1 | ON/OFF TOGGLE SWITCH | E-SWT-XN1003-A1 | L-G-SWTG/00 | | |
| XFRMR | 1 | STEP DOWN TRANSFORMER (12 VA) | E-TRD-212VAS-A1 | L-G-TR24/12 | | |
| FU | 6 | ELEMENT FUSES | E-FUS-BN2030-A1 | L-G-FS30/00 | | |
| FUB | 6 | ELEMENT FUSE HOLDERS | E-FUB-HPF630-A1 | L-G-FSPB/30 | | |
| R | 3 | SINGLE RECEPTACLE NEMA 6-20R | E-REC-S20250-A1 | L-J-SR20/00 | | |
| P | 3 | 45" PLUGS NEMA 6-20P | E-CRD-345020-A1 | L-J-JC45/00 | | |
| H (240) | 9 | 230 Volt HEATING ELEMENTS | | E-J-2300/xx | | |
| 2TAS | 1 (OPT) | 50 HZ DAWSON KILN SITTER | T-DAW-LT3240-A2 | N-G-LT30/50 | | |

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TITLE: **JUPITER KILN WIRING DIAGRAM**
MODEL JD230-MG
Complete with DynaTrol Dynamic
380-230 Volts / Wye 3 Phase

DRAWN BY: **GDL** REV. CODE: **A** DRAWING NO.: **KS990408**
 DATE: **4/26/99** SCALE: **1 = 8**
 CHK: APP: SHEET NO. **1** OF **1**
 JOB NO: **STANDARD** SER NO: ~
 FILE NAME: **L:\E\L\KILN\MG_ENG** MADE FROM: **KS990408.dwg**
KS990408.dwg