

USE WITH FOLLOWING KILN ASSEMBLIES:

MODEL	WIRING DIAGRAM
J245	K039-110
J2945	K045-110
X2345	K115-110

SEE KILN WIRING DIAGRAM

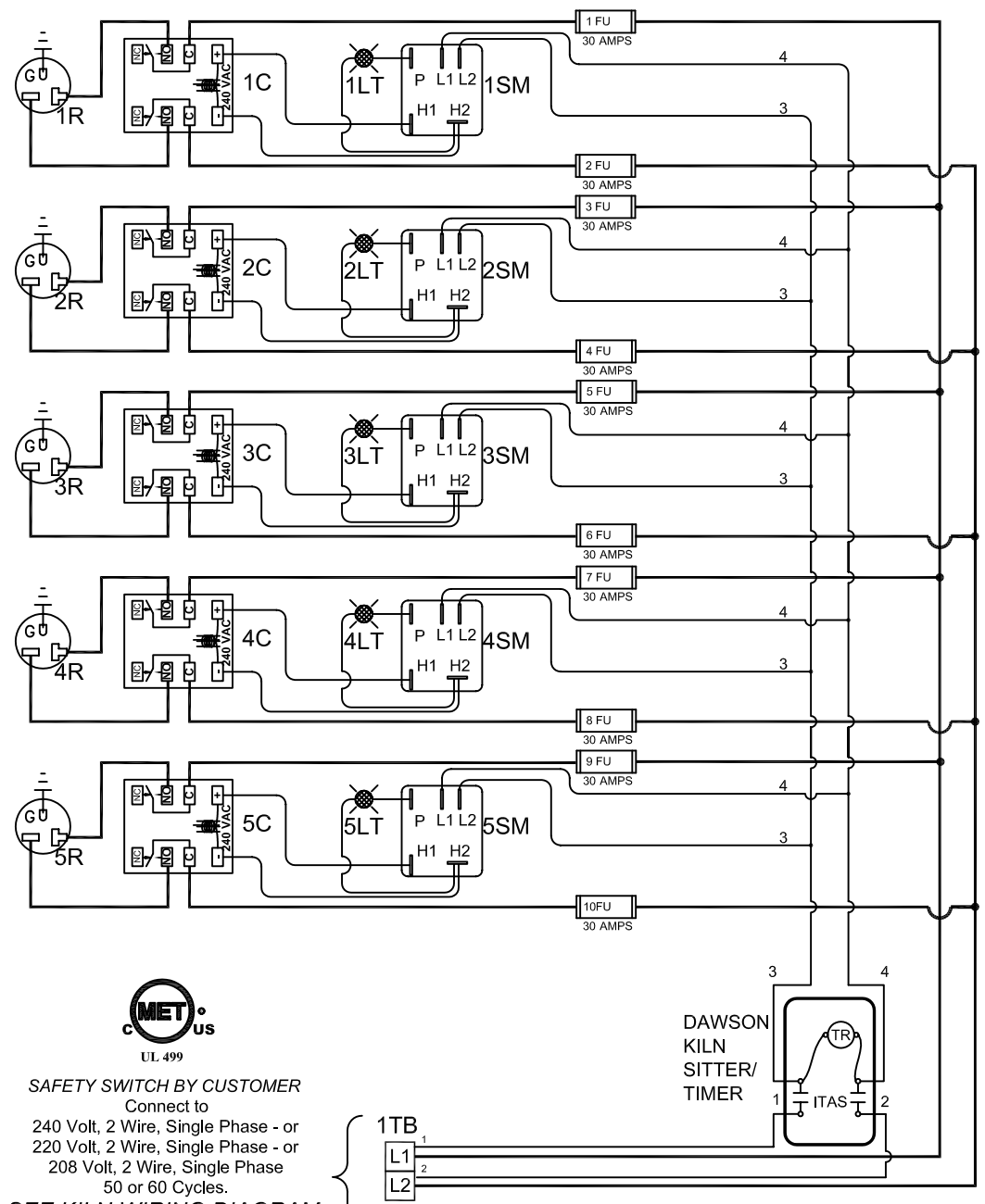
PLUG KILN SECTION CAPS INTO RESPECTIVE RECEPTACLES

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
240 Volt, 2 Wire, Single Phase - or
220 Volt, 2 Wire, Single Phase - or
208 Volt, 2 Wire, Single Phase
50 or 60 Cycles.

SEE KILN WIRING DIAGRAM FOR POWER REQUIREMENTS
SWITCHING CAPACITY = 100 AMPS MAXIMUM

DAWSON
KILN
SITTER/
TIMER

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 HZ DAWSON KILN SITTER	N-G-LT30/50
SM	5	INPUT ZONE SWITCHES	L-J-INF0/30
LT	5	INPUT ZONE PILOT LIGHTS	L-G-PIL0/00
C	5	POWER RELAYS	L-G-RL25/30
R	5	SINGLE RECEPTACLE NEMA 6-20R	L-J-SR20/00
FU(B)	5	ELEMENT BRANCH CIRCUIT FUSEBLOCKS	L-G-FH30/20
FU(S)	10	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	10/11/02	MISC CORRECTIONS FOR RELEASE

L&L Kilns
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TITLE
CONTROL WIRING DIAGRAM
WITH MANUAL INPUT SWITCHES
For 1 Phase Kiln with (5) 20 Amp Sections
Branch Circuit Fusing / No Power Bottom

DRAWN BY G.W.L.	REV. CODE A	DRAWING NO. K262-107
DATE 1/23/01	SCALE 1 = 8	
CHK G.D.L.	APP	
JOB NO.	SER NO.	SHEET NO. 1 OF 1
FILE NAME L:\EVL\KILN\WIRING\GCTL K262-107.dwg	MADE FROM	USERIES\K043-101.dwg