

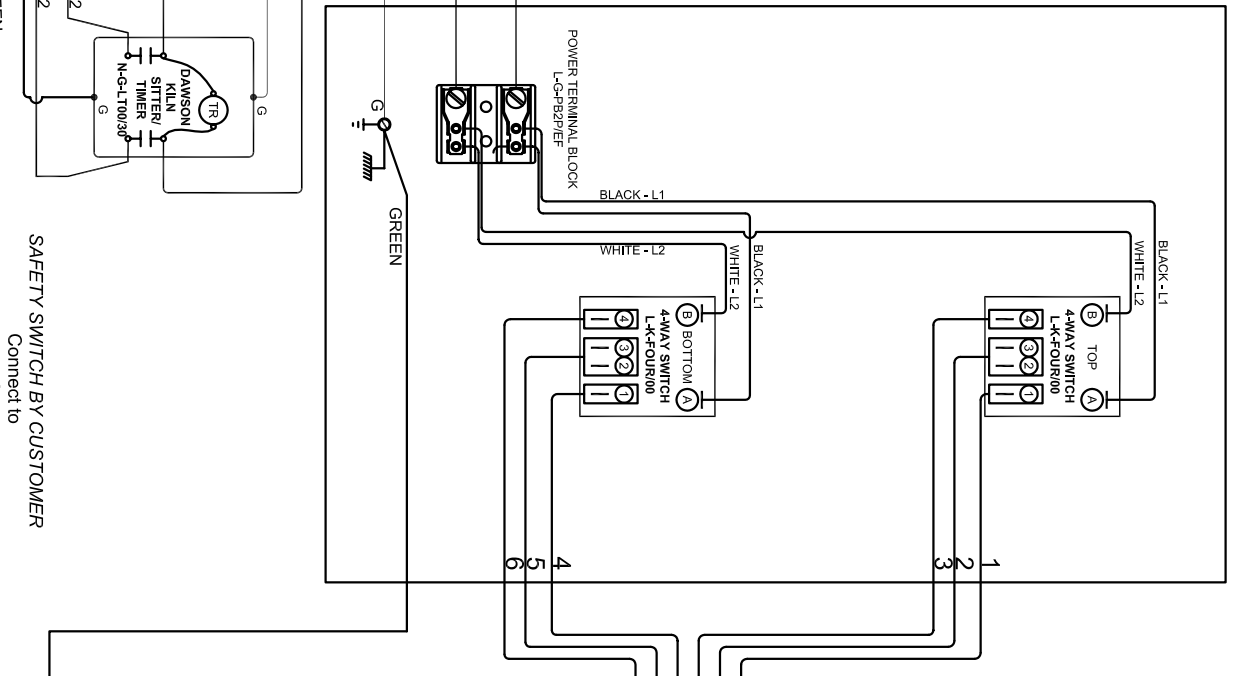
NOTES:

Control Wire:
16 AWG, 105°C
Power Wire:
10 AWG, 150°C

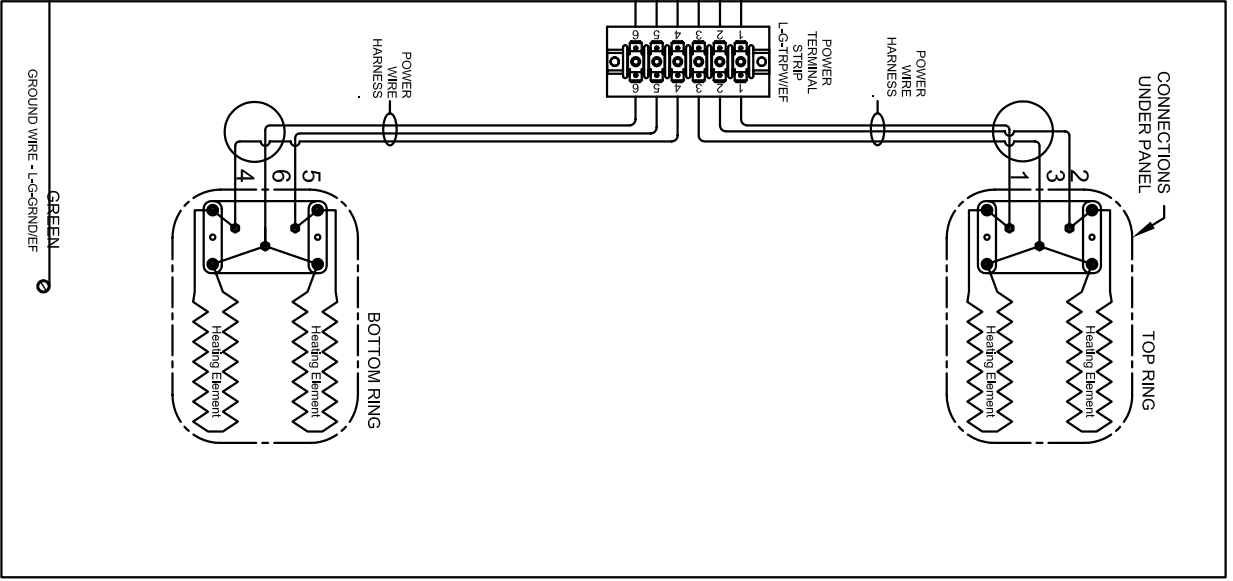
Industrial & commercial applications may require the installation of a LOCKOUT/TAGOUT device to prevent the Kiln from operating during maintenance.

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

LOOKING INSIDE CONTROL PANEL



LOOKING AT OUTSIDE OF ELEMENT COVER PANEL



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.

Model D18S		Model D18S		
VOLTAGE	208 / 1 / 50-60	VOLTAGE	220 / 1 / 50-60	
WATTS	5540	WATTS	6380	
FULL LOAD AMPS	L1 L2 L3 26.6 26.6 X	FULL LOAD AMPS	L1 L2 L3 29.0 29.0 X	
POWER SUPPLY	FUSE WIRE 40A 8 AWFG	POWER SUPPLY	FUSE WIRE 40A 8 AWG	
ELEMENTS	QTY OHMS 4 30.1	ELEMENTS	QTY OHMS 4 29.2	
Model D18S		Model D18S		
VOLTAGE	240 / 1 / 50-60	VOLTAGE	240 / 1 / 50-60	
WATTS	6380	WATTS	6380	
FULL LOAD AMPS	L1 L2 L3 26.6 26.6 X	FULL LOAD AMPS	L1 L2 L3 26.6 26.6 X	
POWER SUPPLY	FUSE WIRE 40A 8 AWG	POWER SUPPLY	FUSE WIRE 40A 8 AWG	
ELEMENTS	QTY OHMS 4 34.8	ELEMENTS	QTY OHMS 4 34.8	

DRAWING NO. **K301-101** SHEET OF **1/1** REV. **C**

L&L Kilns
Innovations.com
505 SHARPTOWN RD., SWEDENSBORO, NJ 08886
PHONE: (956) 294-0077 FAX: (956) 294-0070

TITLE **MODEL D18S EASY-FIRE KILN 1 PHASE WIRING DIAGRAM** SCALE **1 = 8** DATE **5/16/05** DRAWN BY **G.D.L.**

FILE NAME **L:\ELL\KILN\DURAFIRE\K301-101.DWG** MADE FROM **IK294-151**

REV #	DATE	REVISION DESCRIPTION
C		UPDATED LOGO & ADDRESS INFORMATION
B		4-WAY SWITCH RE-IDENTIFIED / ADDED ELEMENT PIN
A		CHANGED WIRE LOCATIONS OF ELEMENT TERMINALS
0		FIRST ISSUE