

SINGLE PHASE MODELS:

MODELS XB2827 & XB2827-D	
VOLTAGE	208 / 1 / 50-60
KW	17.4
FULL LOAD AMPS	L1 L2 L3 83.6 83.6 X
POWER SUPPLY	FUSE WIRE 125A 1/0 AWG
ELEMENTS (E-X-280B/20)	QTY OHMS 9 22.4
VOLTAGE	220 / 1 / 50-60
KW	17.4
FULL LOAD AMPS	L1 L2 L3 79.0 79.0 X
POWER SUPPLY	FUSE WIRE 100A 1 AWG
ELEMENTS (E-X-280B/40)	QTY OHMS 9 25.1
VOLTAGE	240 / 1 / 50-60
KW	17.4
FULL LOAD AMPS	L1 L2 L3 72.5 72.5 X
POWER SUPPLY	FUSE WIRE 90A 2 AWG
ELEMENTS (E-X-280B/30)	QTY OHMS 9 29.8

THREE PHASE MODELS:

MODELS XB2827 & XB2827-D	
VOLTAGE	208 / 3 / 50-60
KW	17.4
FULL LOAD AMPS	L1 L2 L3 48.3 48.3 48.3
POWER SUPPLY	FUSE WIRE 60A 6 AWG
ELEMENTS (E-X-280B/20)	QTY OHMS 9 22.4
VOLTAGE	220 / 3 / 50-60
KW	17.4
FULL LOAD AMPS	L1 L2 L3 45.6 45.6 45.6
POWER SUPPLY	FUSE WIRE 60A 6 AWG
ELEMENTS (E-X-280B/40)	QTY OHMS 9 25.1
VOLTAGE	240 / 3 / 50-60
KW	17.4
FULL LOAD AMPS	L1 L2 L3 41.8 41.8 41.8
POWER SUPPLY	FUSE WIRE 60A 6 AWG
ELEMENTS (E-X-280B/30)	QTY OHMS 9 29.8

1 PHASE CONTROL PANELS:

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
XB2827	(MANUAL)	K264-103
XB2827-D	(AUTO)	K264-153

3 PHASE CONTROL PANELS:

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
XB2827	(MANUAL)	K264-104
XB2827-D	(AUTO)	K264-154



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

NOTES:

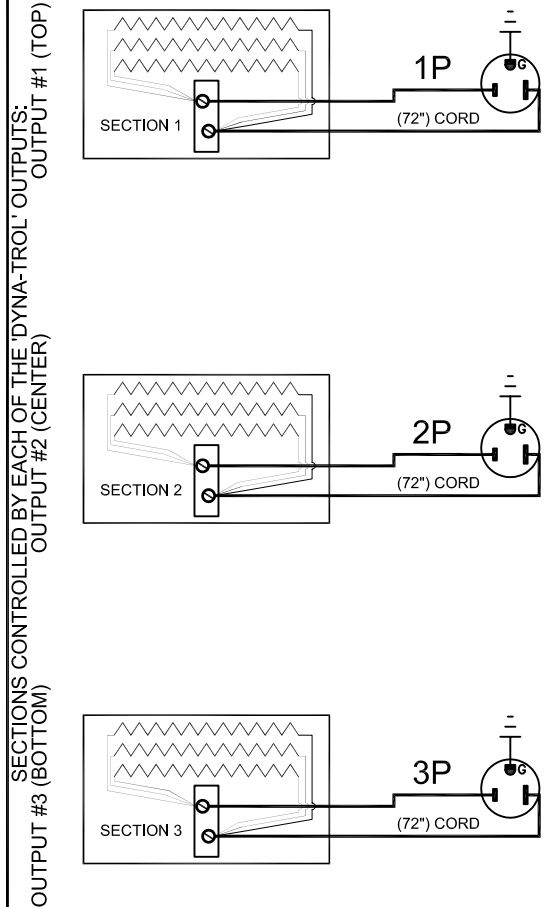
Industrial & commercial applications may require the installation of a LOCKOUT/TAGOUT device to prevent the Kiln from operating during maintenance.

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	3	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	6/18/09	REPLACED UL MARK WITH MET CERTIFIED MARK & ADDED NEW LOGO
0	8/13/07	FIRST ISSUE

L&L Kilns
hotkilns.com
505 SHARPTOWN ROAD
SWEDESBORO, NJ 08085
PHONE: (856) 294-0077
FAX: (856) 294-0070

TITLE **DaVINCI KILN WIRING DIAGRAM**
MODELS XB2827 & XB2827-D
1 or 3 PHASE KILN ASSEMBLY
3 SECTIONS, No Power Bottom

DRAWN BY	G.D.L.	REV. CODE	A	DRAWING NO.	K120-112
DATE	8/13/07	SCALE	1 = 8		
CHK	G.D.L.	APP			
JOB NO.		SER NO.		SHEET NO.	1 OF 1
FILE NAME	L:\EVL\KILN\WIRING\KLN	MADE FROM			
	UK120-112.dwg				UK120-110.dwg