

SINGLE PHASE MODELS:

MODELS X2845-PB & X2845-D-PB			
VOLTAGE	208 / 1 / 50-60		
KW	28.2		
FULL LOAD AMPS	L1	L2	L3
	135.6	135.6	∞
POWER SUPPLY	FUSE	WIRE	
	150A	2/0 AWG	
ELEMENTS (E-X-2800/20)	QTY	OHMS	
	17	26.1	
VOLTAGE	220 / 1 / 50-60		
KW	28.2		
FULL LOAD AMPS	L1	L2	L3
	128.2	128.2	∞
POWER SUPPLY	FUSE	WIRE	
	150A	2/0 AWG	
ELEMENTS (E-X-2800/40)	QTY	OHMS	
	17	29.2	
VOLTAGE	240 / 1 / 50-60		
KW	28.2		
FULL LOAD AMPS	L1	L2	L3
	117.5	117.5	∞
POWER SUPPLY	FUSE	WIRE	
	150A	2/0 AWG	
ELEMENTS (E-X-2800/30)	QTY	OHMS	
	17	34.7	

THREE PHASE MODELS:

MODELS X2845-PB & X2845-D-PB			
VOLTAGE	208 / 3 / 50-60		
KW	28.2		
FULL LOAD AMPS	L1	L2	L3
	76.0	82.9	76.0
POWER SUPPLY	FUSE	WIRE	
	100A	1 AWG	
ELEMENTS (E-X-2800/20)	QTY	OHMS	
	17	26.1	
VOLTAGE	220 / 3 / 50-60		
KW	28.2		
FULL LOAD AMPS	L1	L2	L3
	71.9	78.4	71.9
POWER SUPPLY	FUSE	WIRE	
	100A	1 AWG	
ELEMENTS (E-X-2800/40)	QTY	OHMS	
	17	29.2	
VOLTAGE	240 / 3 / 50-60		
KW	28.2		
FULL LOAD AMPS	L1	L2	L3
	65.9	71.9	65.9
POWER SUPPLY	FUSE	WIRE	
	90A	2 AWG	
ELEMENTS (E-X-2800/30)	QTY	OHMS	
	17	34.7	

1 PHASE CONTROL PANELS:

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
X2845-PB	(MANUAL)	K265-107
X2845-D-PB	(AUTO)	K265-157

3 PHASE CONTROL PANELS:

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
X2845-PB	(MANUAL)	K265-108
X2845-D-PB	(AUTO)	K265-158



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

NOTES:

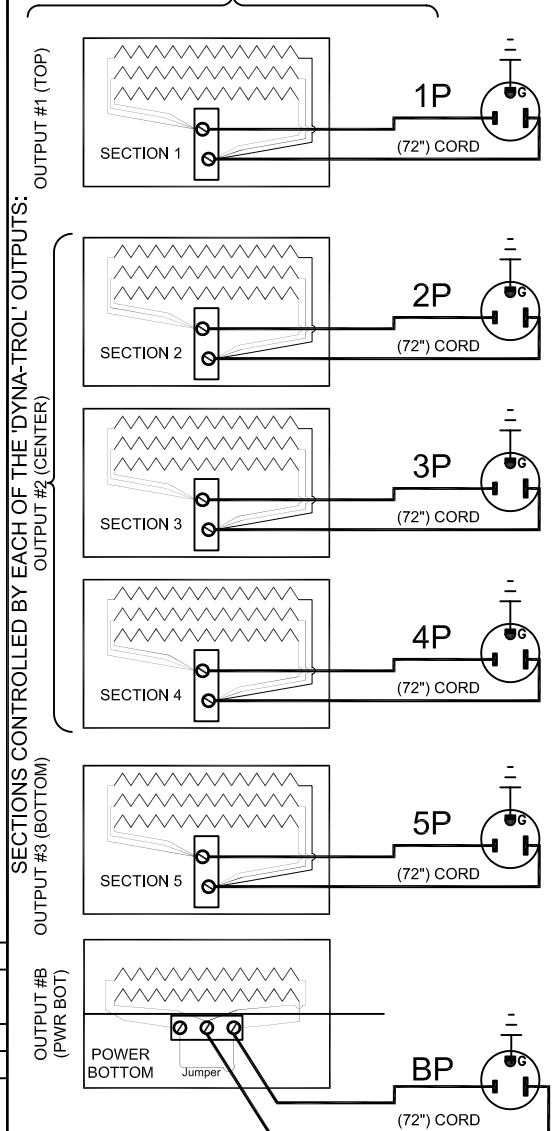
Industrial & commercial applications may require the installation of a LOCKOUT/TAGOUT device to prevent the Kiln from operating during maintenance.

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	6	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	9/24/02	MISC CHANGES FOR RELEASE

L Kilns hotkilns.com
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TITLE **DaVINCI KILN WIRING DIAGRAM MODELS X2845-PB & X2845-D-PB 1 or 3 PHASE KILN ASSEMBLY 5 SECTIONS, With Power Bottom**

DRAWN BY G.W.L.	REV. CODE A	DRAWING NO. K122-111
DATE 1/11/01	SCALE 1 = 8	
CHK G.D.L.	APP	
JOB NO	SER NO	SHEET NO. OF
FILE NAME L:\EVL\KILN\WIRDGKLN\K122-111.dwg	MADE FROM	DAVINCNK105-102.dwg