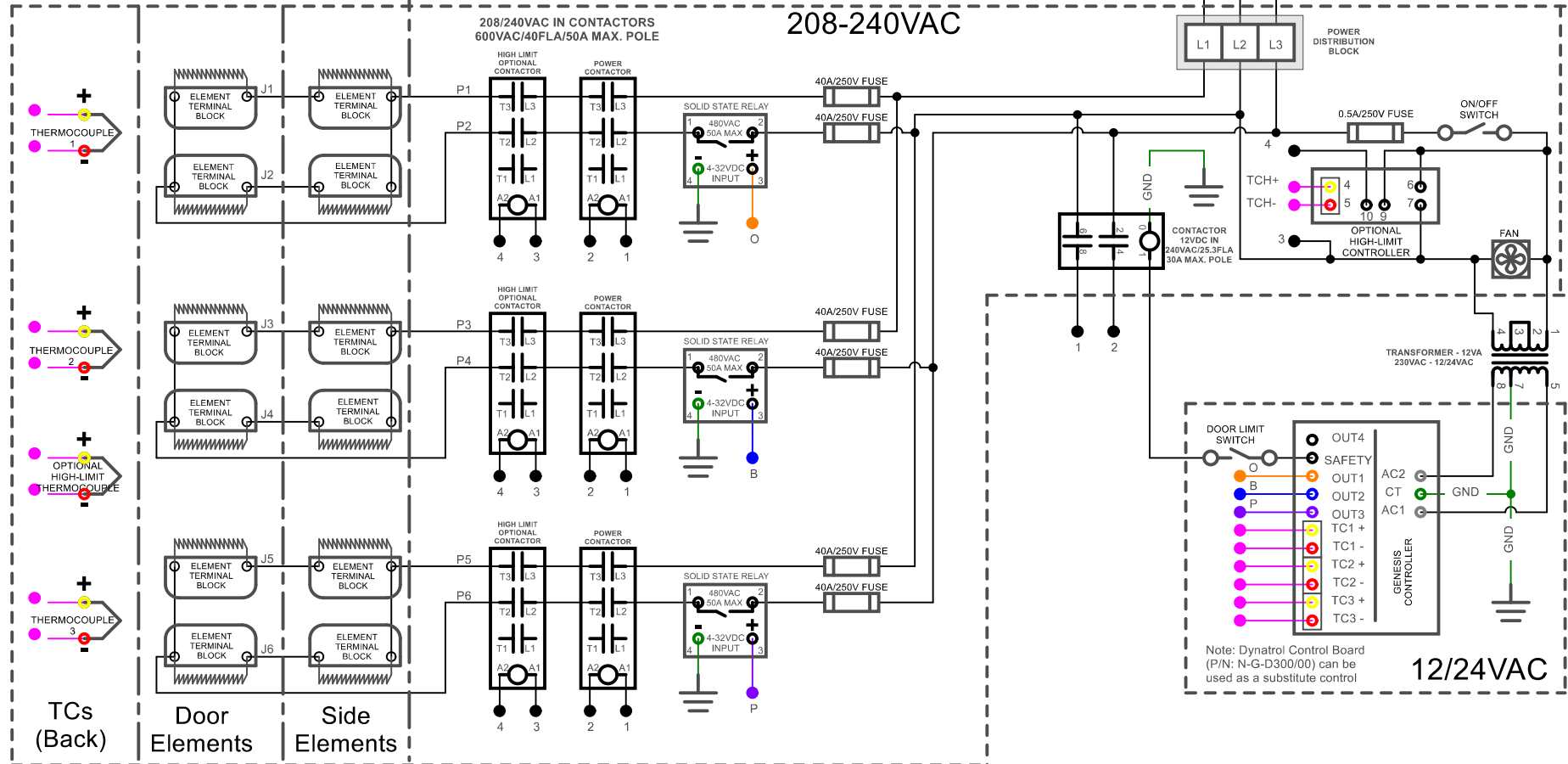


Kiln ← → Panel



Wiring Information

Power 10AWG / 150°C / 600V

Control 16-22AWG / 105°C / 600V

Power Supply Wire Gauge assumes 75°C Copper Wire. See hotkilns.com/wire-size.

Model: EL2427-208-3P

Voltage	208 / 3 / 50-60		
Watts	16,500		
Full Load Amps	L1	L2	L3
	45.8	45.8	45.8
Power Supply	Fuse	Wire	
	60A	6AWG	

Side Elements: E-Z-2427/2S

Quantity: 6 Ohms: 11.4

Door Elements: E-Z-2427/2D

Quantity: 6 Ohms: 3.8

Model: EL2427-240-3P

Voltage	240 / 3 / 50-60		
Watts	16,500		
Full Load Amps	L1	L2	L3
	39.7	39.7	39.7
Power Supply	Fuse	Wire	
	50A	8AWG	

Side Elements: E-Z-2427/3S

Quantity: 6 Ohms: 15.1

Door Elements: E-Z-2427/3D

Quantity: 6 Ohms: 5

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 specification listed on the kiln nameplate. L&L Kiln Mfg., Inc., also recommends fuses rather than circuit breakers to prevent nuisance tripping.

EL2427 3 Phase 208V - 240V (C0051)



505 Sharptown Road
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A	06/26/2026	TEMPLATE AND SYMBOLS UPDATED	AF	DL	Drawn by: AF
Rev.	Date	Description	Approved by	Dwg. No.	C0051