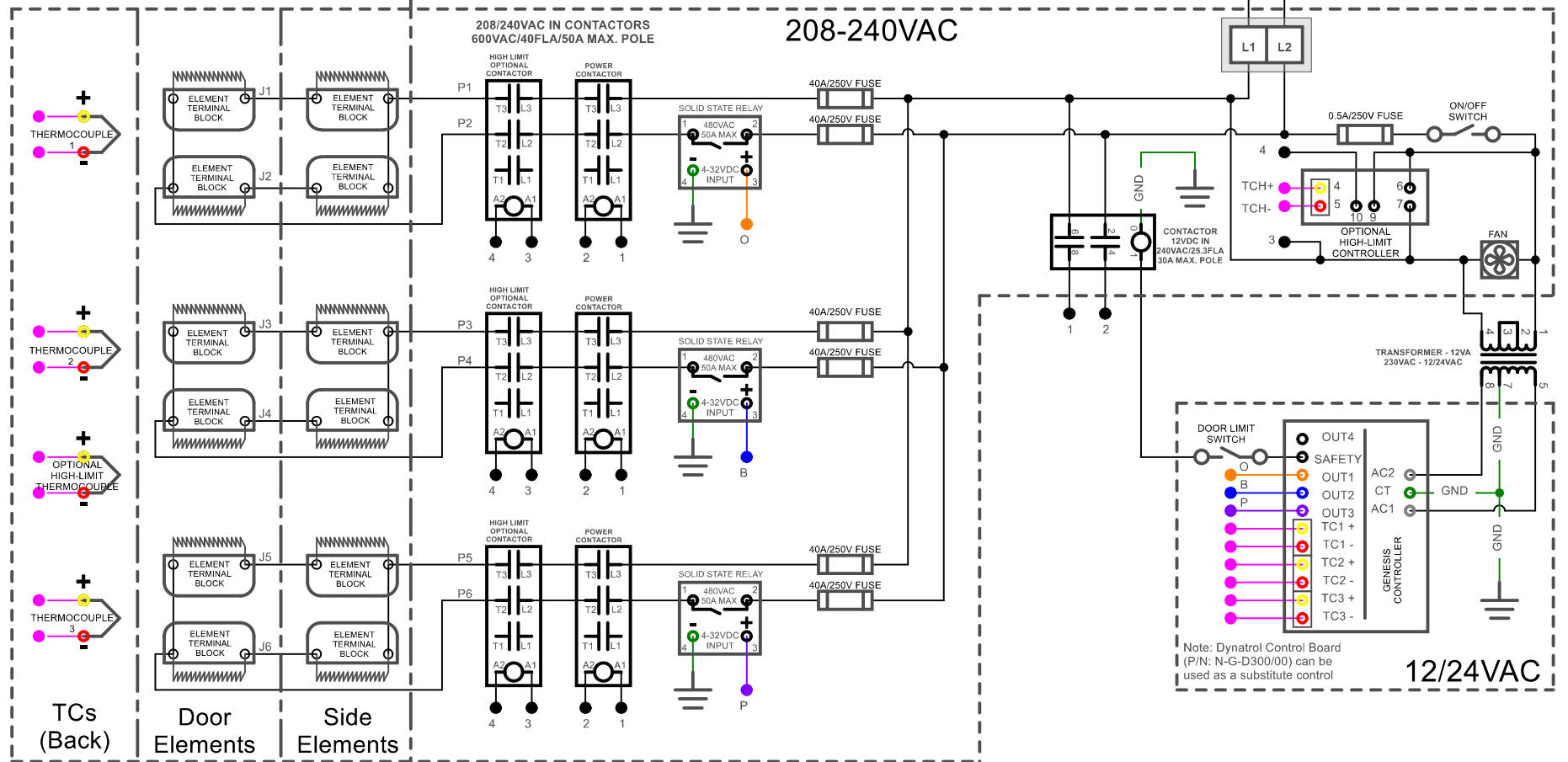


Kiln ← → Panel



Wiring Information	
Power	10AWG / 150°C / 600V
Control	18-22AWG / 105°C / 600V
Power Supply Wire Gauge assumes 75°C Copper Wire. See hotkilns.com/wire-size.	

Model: EL2427-208					Model: EL2427-220					Model: EL2427-240				
Voltage		208 / 1 / 50-60			Voltage		220 / 1 / 50-60			Voltage		240 / 1 / 50-60		
Watts		16,500			Watts		16,500			Watts		16,500		
Full Load Amps		L1	L2	L3	Full Load Amps		L1	L2	L3	Full Load Amps		L1	L2	L3
		79.3	79.3				75.0	75.0				68.8	68.8	
Power Supply		Fuse	Wire		Power Supply		Fuse	Wire		Power Supply		Fuse	Wire	
		100A	3AWG				100A	3AWG				90A	3AWG	
Side Elements: E-Z-2427/2S					Side Elements: E-Z-2427/4S					Side Elements: E-Z-2427/3S				
Quantity: 6		Ohms: 11.4			Quantity: 6		Ohms: 12.7			Quantity: 6		Ohms: 15.1		
Door Elements: E-Z-2427/2D					Door Elements: E-Z-2427/4D					Door Elements: E-Z-2427/3D				
Quantity: 6		Ohms: 3.8			Quantity: 6		Ohms: 4.2			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 1 Phase 208V - 240V (C0048)



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Rev.	Date	Description	Approved by	Dwg. No.
B	06/26/2026	TEMPLATE UPDATED	AF	DL
A	01/30/2026	SYMBOLS AND INFORMATION UPDATED	AF	DL