

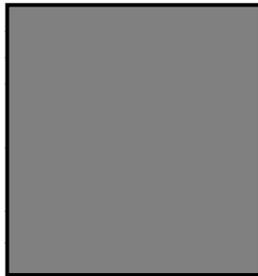
# SEE CONTROL PANEL WIRING DIAGRAM FOR WIRING CONNECTIONS TO KILN ZONE RECEPTACLES

1 Phase Electrical Specs		
Voltage	208 / 1 / 50-60	
Watts	29,901	
Full Load Amps	L1	L2
	143.8	143.8
Power Supply	Fuse	Wire
	180A	3/0AWG

1 Phase Electrical Specs		
Voltage	220 / 1 / 50-60	
Watts	29,901	
Full Load Amps	L1	L2
	135.9	135.9
Power Supply	Fuse	Wire
	170A	2/0AWG

1 Phase Electrical Specs		
Voltage	240 / 1 / 50-60	
Watts	29,901	
Full Load Amps	L1	L2
	124.6	124.6
Power Supply	Fuse	Wire
	160A	2/0AWG

3 Phase Electrical Specs			
Voltage	208 / 3 / 50-60		
Watts	29,901		
Full Load Amps	L1	L2	L3
	83.0	83.0	83.0
	Power Supply		
	Fuse	Wire	
	110A	2AWG	



3 Phase Electrical Specs			
Voltage	240 / 3 / 50-60		
Watts	29,901		
Full Load Amps	L1	L2	L3
	71.9	71.9	71.9
	Power Supply		
	Fuse	Wire	
	100A	3AWG	

3 Phase Wye Electrical Specs			
Voltage	380 / 3-Y / 50-60		
Watts	29,901		
Full Load Amps	L1	L2	L3
	45.3	45.3	45.3
	Power Supply		
	Fuse	Wire	
	60A	6AWG	

3 Phase Wye Electrical Specs			
Voltage	400 / 3-Y / 50-60		
Watts	29,901		
Full Load Amps	L1	L2	L3
	43.1	43.1	43.1
	Power Supply		
	Fuse	Wire	
	60A	6AWG	

3 Phase Wye Electrical Specs			
Voltage	415 / 3-Y / 50-60		
Watts	29,901		
Full Load Amps	L1	L2	L3
	41.5	41.5	41.5
	Power Supply		
	Fuse	Wire	
	60A	6AWG	

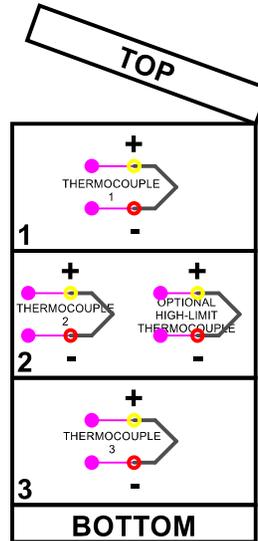
## Associated Control Panels

Model	TB3427	TB3427-3P	TB3427-3PY			
Type						
Diagram						

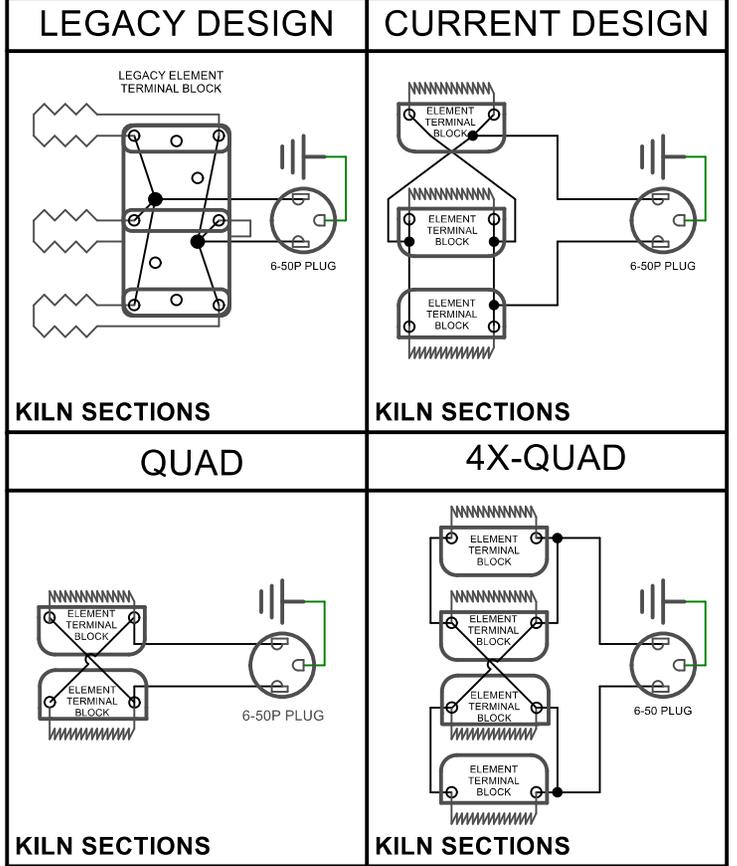
Industrial & commercial applications may require the installation of a LOCKOUT/TAGOUT device to prevent the kiln from operating during maintenance.

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.

## THERMOCOUPLE LOCATIONS



## ELEMENT CONNECTIONS



**CAUTION: DO NOT PLUG KILN SECTIONS DIRECTLY TO LINE VOLTAGE**

TB3427 Kiln Diagram (K0029)			
Rev.	Date	Description	
A	03/02/2026		505 Sharptown Road Swedesboro NJ 08085 service@hotkilns.com (856)-294-0077
			K0029