

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

1 Phase Electrical Specs			
Voltage	208 / 1 / 50-60		
Watts	30,477		
Full Load Amps	L1	L2	
	146.5	146.5	
Power Supply	Fuse	Wire	
	200A	3/0AWG	
Elements:		ET34002L	
Quantity: 11		Ohms:	15

1 Phase Electrical Specs			
Voltage	220 / 1 / 50-60		
Watts	30,477		
Full Load Amps	L1	L2	
	138.5	138.5	
Power Supply	Fuse		Wire
	175A		2/0AWG
Elements:		ET34004L	
Quantity: 11		Ohms: 16.8	

1 Phase Electrical Specs			
Voltage	240 / 1 / 50-60		
Watts	30,477		
Full Load Amps	L1	L2	
	127.0	127.0	
Power Supply	Fuse	Wire	
	175A	2/0AWG	
Elements:		ET34003L	
Quantity: 11	Ohms: 20		

3 Phase Electrical Specs			
Voltage	208 / 3 / 50-60		
Watts	30,477		
Full Load Amps	L1	L2	L3
	93.2	93.2	93.2
Power Supply	Fuse		Wire
	125A		1AWG
Elements:		ET34002L	
Quantity: 11		Ohms: 15	

3 Phase Electrical Specs			
Voltage	240 / 3 / 50-60		
Watts	30,477		
Full Load Amps	L1	L2	L3
	80.8	80.8	80.8
Power Supply	Fuse		Wire
	110A		2AWG
Elements:		ET34003L	
Quantity: 11		Ohms: 20	

3 Phase Wye Electrical Specs			
Voltage	380 / 3-Y / 50-60		
Watts	30,477		
Full Load Amps	L1	L2	L3
	63.0	63.0	63.0
Power Supply	Fuse		Wire
	80A		4AWG
Elements:		ET34004L	
Quantity: 11		Ohms: 16.8	

3 Phase Wye Electrical Specs			
Voltage	400 / 3-Y / 50-60		
Watts	30,477		
Full Load Amps	L1	L2	L3
	60.2	60.2	60.2
Power Supply	Fuse	Wire	
	80A	4AWG	
Elements:			
Quantity: 11	Ohms:		

3 Phase Wye Electrical Specs			
Voltage	415 / 3-Y / 50-60		
Watts	30,477		
Full Load Amps	L1	L2	L3
	57.7	57.7	57.7
Power Supply	Fuse	Wire	
	80A	4AWG	
Elements: ET34003L			
Quantity: 11	Ohms: 20		

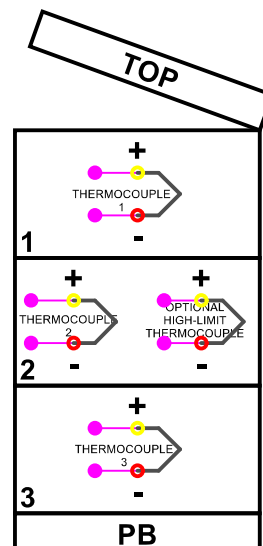
Associated Control Panels

Model	T3427-PB	T3427-PB-3P	T3427-PB-3PY			
Type						
Diagram						

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

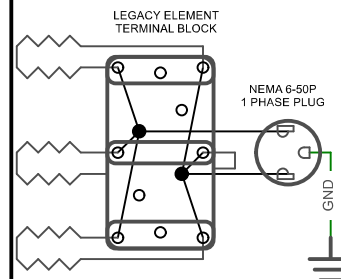
This kiln is recommended to be wired & connected to an approved U. L. & NEC configured receptacle controlled with a disconnect switch and properly fused according to the kW load specification listed on the kiln nameplate. L&L Kiln Mfg., Inc., also recommends fuses rather than circuit breakers to prevent nuisance tripping.

THERMOCOUPLE LOCATIONS



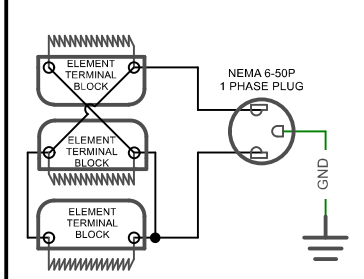
ELEMENT CONNECTIONS

LEGACY WIRING



KILN SECTIONS

CURRENT WIRING



KILN SECTIONS

POWERED BOTTOM



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

T3427-PB Kiln Diagram (K0030)



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