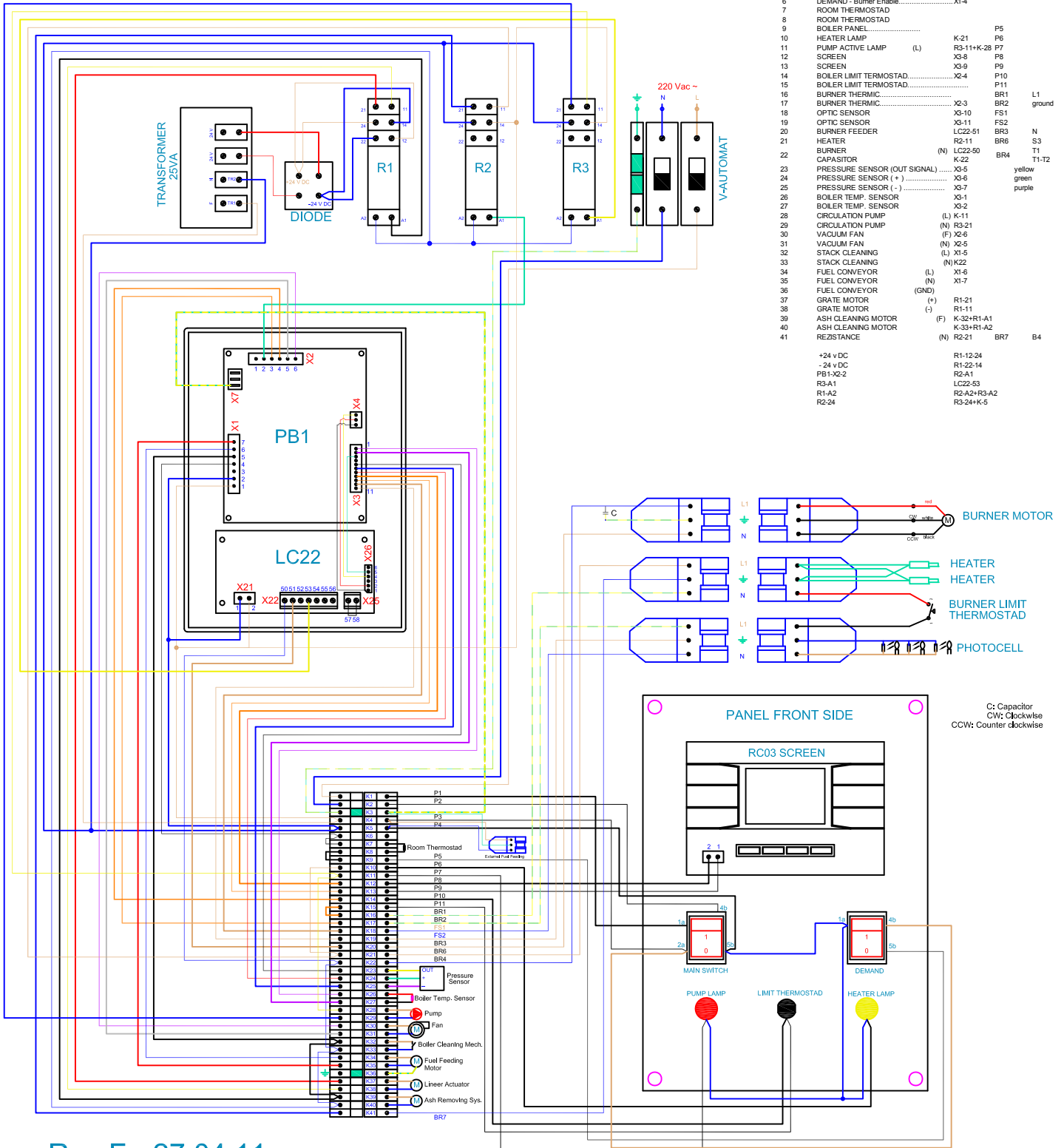


ELECTRICAL SCHEMA FOR CP-40/60



PELLET BOILER TERMINAL LIST CP 40-60 KW TERMINAL 2

TERMINAL NO	Symbol	Description	Terminal	Color
1	L	V-Automat	P1	
2	N	V-Automat	P2	
3	Ground			
4	L (return)	..(X1-1+LC22+TR1).....	P3	
5	n (return)	..(X1-2+LC22+TR2).....	P4	
6	DEMAND - Burner EnableX1-4		
7	ROOM THERMOSTAD			
8	ROOM THERMOSTAD			
9	BOILER PANEL.....		P5	
10	HEATER LAMP	K-21	P6	
11	PUMP ACTIVE LAMP (L)	R3-11+K-28	P7	
12	SCREEN	X3-8	P8	
13	SCREEN	X3-9	P9	
14	BOILER LIMIT THERMOSTAD.....	X2-4	P10	
15	BOILER LIMIT THERMOSTAD.....		P11	
16	BURNER THERMIC.....		BR1	L1
17	BURNER THERMIC.....	X2-3	BR2	
18	OPTIC SENSOR	X3-10	FS1	
19	OPTIC SENSOR	X3-11	FS2	
20	BURNER FEEDER	LC22-51	BR3	N
21	HEATER	R2-11	BR6	S3
22	BURNER (N)	LC22-50		T1
23	CAPASITOR	K-22	BR4	T1-T2
24	PRESSURE SENSOR (OUT SIGNAL).....	X3-5		yellow
25	PRESSURE SENSOR (+).....	X3-6		green
26	PRESSURE SENSOR (-).....	X3-7		purple
27	BOILER TEMP. SENSOR	X3-1		
28	BOILER TEMP. SENSOR	X3-2		
29	CIRCULATION PUMP (L)	K-11		
30	CIRCULATION PUMP (N)	R2-21		
31	VACUUM FAN (F)	X2-6		
32	VACUUM FAN (N)	X2-5		
33	STACK CLEANING (L)	X1-5		
34	STACK CLEANING (N)	K22		
35	FUEL CONVEYOR (L)	X1-6		
36	FUEL CONVEYOR (N)	X1-7		
37	FUEL CONVEYOR (GND)			
38	GRATE MOTOR (+)	R1-21		
39	GRATE MOTOR (-)	R1-11		
40	ASH CLEANING MOTOR (F)	K-32+R1-A1		
41	ASH CLEANING MOTOR RESISTANCE (N)	K-33+R1-A2	BR7	B4

+24 V DC R1-12-24
 -24 V DC R1-22-14
 PB1-X2-2 R2-A1
 R3-A1 LC22-53
 R1-A2 R2-A2+R3-A2
 R2-24 R3-24+K-5

C: Capacitor
 CW: Clockwise
 CCW: Counter clockwise

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