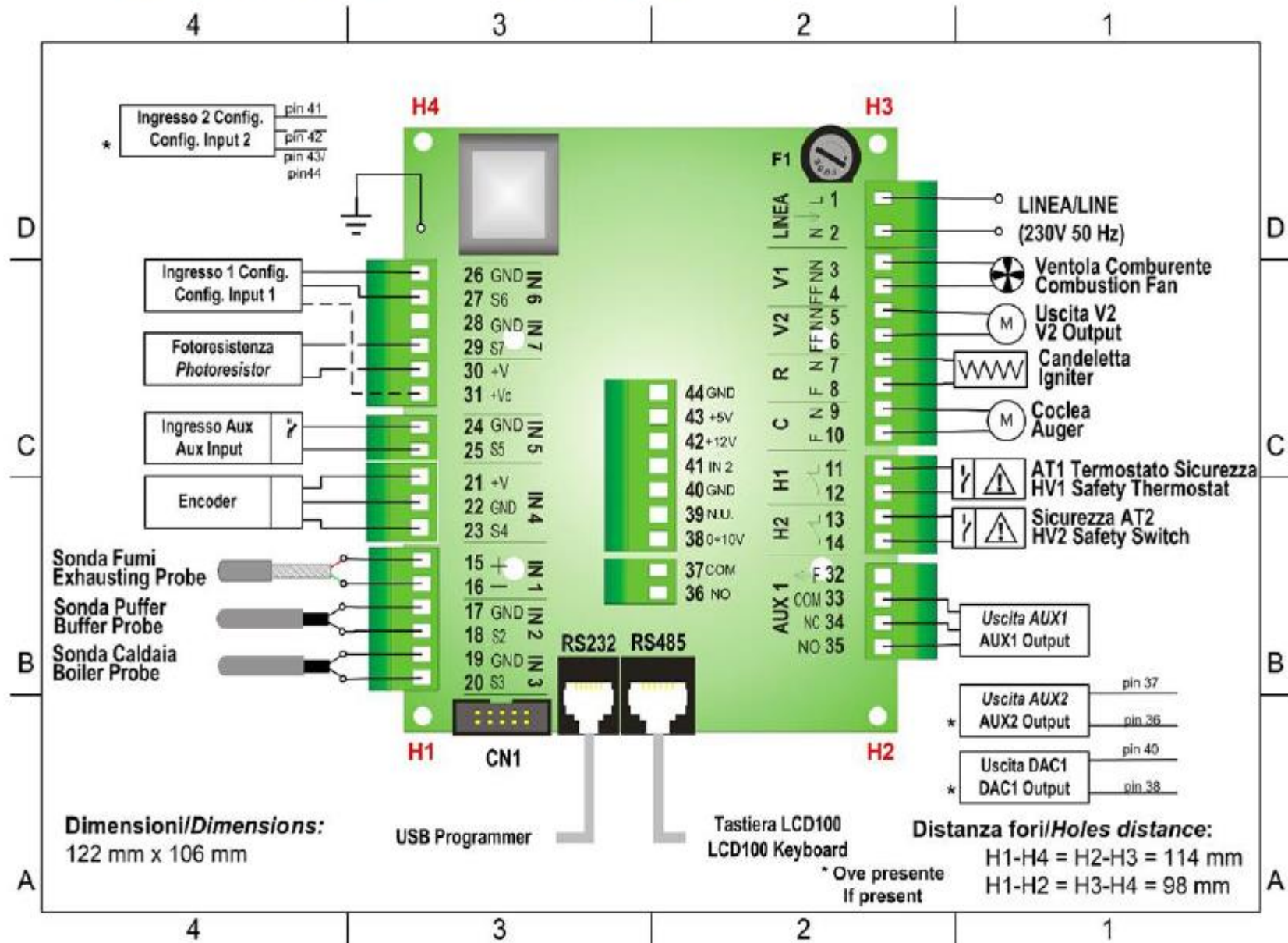


2 ELECTRICAL CONNECTIONS



PIN		Function	Characteristics
1	L	Mains power line	230 Vac \pm 10% 50/60 Hz F1 = Fuse T5,0 A
2	N		
3	N	Combustion Fan	Triac Regulation max 1A
4	L		
5	N	Configurable V2 Output (see par.9.10)	Triac ON-OFF max 1A
6	L		
7	N	Igniter Resistance	Relais 3 A max
8	L		
9	N	Pellet Auger	Triac ON-OFF 1A max
10	L		
11		Safety Thermostat Input HV1	Contact ON/OFF Normally closed Bypass if not used
12			
13		Safety Thermostat Input HV2	Contact ON/OFF Normally closed Bypass if not used
14			
15	Red +	Exhaust Temperature Probe	Thermocouple K: 500 °C Max
16	Green -		
17		Water Buffer Tank Temperature Probe	NTC 10K @25 °C: 120 °C Max
18			
19		Boiler Temperature Probe	NTC 10K @25 °C: 120 °C Max
20			
21	+5V	Encoder Signal	Signal TTL 0 / 5 V
22	GND		
23	S4		
24		AUX Input: Chrono/Room Thermostat	Contact ON/OFF
25			
26	GND	Configurable Input 1 (see par.9.11)	Signal 0 / 5 V
27	S6		
28	GND		
29	S7	Photoresistor	Analog input
30	+5V		
31	+12V		
32	F	Live Phase	Max current 5 A
33	COM	Configurable AUX1 Output (see par.9.10)	Relais 3 A max
34	NC		
35	NO		
RS485		Keyboard	
RS232		RS232 Connector	Connection to Modem/Computer