













HARDWARE CONNECTION OVEN PROJECT		
	Port	Where to connect
	SOURCE:	
	~	From Source 127VAC
	~	From Source 127VAC
	24+	From (V) IHM Communication / OPLLER HARDWARE 24VCC
	24-	From (G) IHM Communication / OPLLER HARDWARE GND
	IHM COMUNICATION	
	V	From SOURCE (+)
	G	From SOURCE (-) / DB9 MALE (5)
	T2	From DB9 MALE (3)
	R2	From DB9 MALE (2)
	DB9 MALE	
	2	From IHM COMUNICATION(R2)
	3	From IHM COMUNICATION (T2)
	5	From IHM COMUNICATION (G) / OPLLER COMMUNICATION (GND)
	DB9 FEMALE	
	VCC	From OPLLER COMUNICATION PORT (5V)
	RXD	From OPLLER COMUNICATION PORT (RX)
	TXD	From OPLLER COMUNICATION PORT (TX)
	GND	From OPLLER COMUNICATION PORT (GND)
	OPLLER COMUNICATION PORT	
	5V	From DB9 FEMALE (5V)
	GND	From DB9 MALE (GND)
	GND	From DB9 FEMALE (GND)
	RX	From DB9 FEMALE (RX)
	TX	From DB9 FEMALE (TX)
	OPLLER HARDWARE	
	24VCC	From SOURCE (+) / COM
	GND	From SOURCE (-)
	COM	From OPLLER HARDWARE (24V) / TETO(3+) / LASTRO(3+)/ LAMPADA(3+) / VAPOR(3+) / COIFA(3+) / BEEP(3+)
	Y1	From SOLID STATE MODULE TETO (4-)
	Y2	From SOLID STATE MODULE LASTRO (4-)
	Y3	From SOLID STATE MODULE LAMPADA (4-)
	Y4	From SOLID STATE MODULE VAPOR (4-)
	Y5	From SOLID STATE MODULE COIFA (4-)
	Y6	From SOLID STATE MODULE BEEP (4-)
	GND	From OPLLER HARDWARE (AT2-)
	AT2-	From OPLLER HARDWARE (GND) / SENSOR TERMOCOUPLE J LASTRO (- BLUE)
	AT2+	From SENSOR TERMOCOUPLE J LASTRO (+ RED)
	GND	From From OPLLER HARDWARE (AT1-)
	AT1-	From OPLLER HARDWARE (GND) / SENSOR TERMOCOUPLE J TETO (- BLUE)
	AT1+	From SENSOR TERMOCOUPLE J TETO (+ RED)
	TETO - SOLID STATE MODULE	
	1(~)	From INPUT 127VAC OPEN CONTACT
	2(~)	From OUTPUT 127VAC OPEN CONTACT
	3 (+)	From OPLLER HARDWARE (COM)
	4 (-)	From OPLLER HARDWARE Y1
	LASTRO - SOLID STATE MODULE	
	1(~)	From INPUT 127VAC OPEN CONTACT
	2(~)	From OUTPUT 127VAC OPEN CONTACT
	3 (+)	From OPLLER HARDWARE (COM)
	4 (-)	From OPLLER HARDWARE Y2
	LAMPADA - SOLID STATE MODULE	
	1(~)	From INPUT 127VAC OPEN CONTACT
	2(~)	From OUTPUT 127VAC OPEN CONTACT
	3 (+)	From OPLLER HARDWARE (COM)
	4 (-)	From OPLLER HARDWARE Y3
	VAPOR - SOLID STATE MODULE	
	1(~)	From INPUT 127VAC OPEN CONTACT
	2(~)	From OUTPUT 127VAC OPEN CONTACT
	3 (+)	From OPLLER HARDWARE (COM)
	4 (-)	From OPLLER HARDWARE Y4
	COIFA - SOLID STATE MODULE	
	1(~)	From INPUT 127VAC OPEN CONTACT
	2(~)	From OUTPUT 127VAC OPEN CONTACT
	3 (+)	From OPLLER HARDWARE (COM)
	4 (-)	From OPLLER HARDWARE Y5
	BEEP - SOLID STATE MODULE	
	1(~)	From INPUT 127VAC OPEN CONTACT
	2(~)	From OUTPUT 127VAC OPEN CONTACT
	3 (+)	From OPLLER HARDWARE (COM)
	4 (-)	From OPLLER HARDWARE Y6