

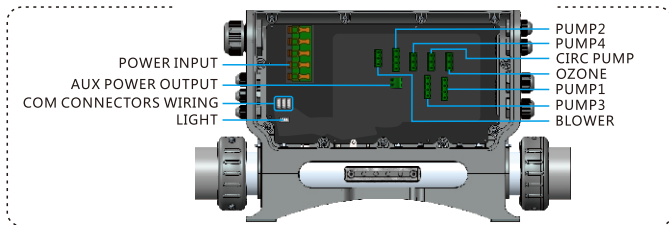


JOYONWAY

—— 君乐美 ——

P20B29 control system 型控制系统 Quick installation guide 快速安装指引



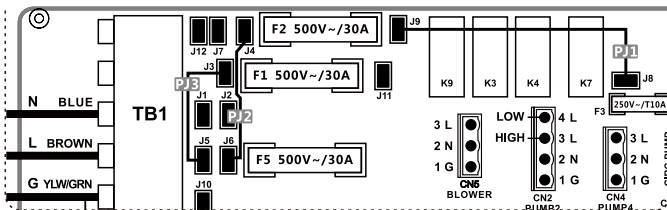


I

Connect the main power, when the system is powered off
(Please pay attention to connecting the jumper correctly)

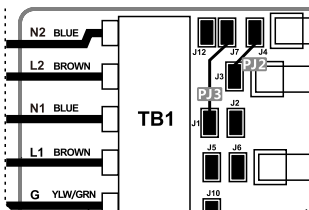
Voltage input : 220-240V~ 50Hz 1Px32A

Jumper position	Jumper position	Jumper position
PJ1 J8-J9	PJ2 J4-J6	PJ3 J3-J5



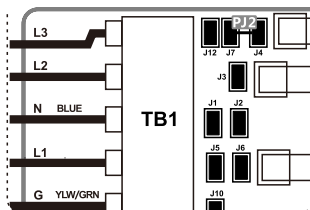
Voltage input : 220-240V~ 50Hz 2Px16A

Jumper position	Jumper position
PJ1 J8-J9	PJ2 J3-J4
PJ3 J1-J7	



Voltage input : 220-240V~ 50Hz 3Px16A

Jumper position
PJ1 J8-J9
PJ2 J4-J7



II

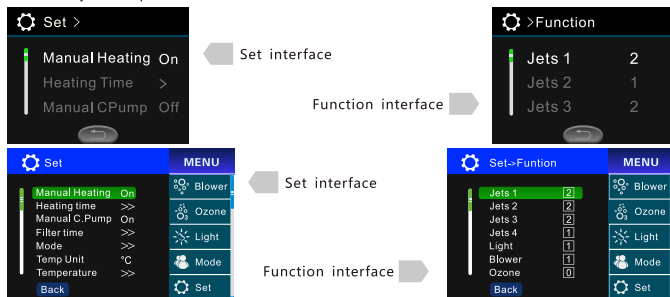
Load configuration

Configure dial switch position A1-A5 according to the dial switch S1 configuration table (figure on the right) on the control system PCB



HOST SYSTEM	▲ A1 ▼	SLAVE SYSTEM
POWER NOT LIMIT	▲ A2 ▼	POWER LIMIT
NOT ASSIGNED	▲ A3 ▼	NOT ASSIGNED
SETTING	▲ A4 ▼	STORE SETTING
CIRC PUMP(HEATER PUMP)	▲ A5 ▼	LOW SPEED OF PUMP1(HEATER PUMP)

- Code position A1: If there is only one control system in the whole system, then please configure A1 as HOST SYSTEM; if there are two control systems in the whole system, then please configure one control system A1 as HOST SYSTEM, the other control system A1 as SLAVE SYSTEM.
- Configure A2 and A5 according to specific function requirement.
- Pull A4 to ▲ON. Power the control system on and enter Set interface in the control panel. Press "⊖" or "⊙" for 3 seconds to enter Function interface. Then configure the loads as shown in the below figure. After configuration, please return to Set interface immediately so that the configuration can be stored. Note: the configuration must be done within 60 seconds after the control system is powered on.



- After configuring the loads with control panel, please power off the control system, and pull A4 to ▼OFF.

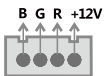
III

Choose the correct loads according to load parameter table.
(Please connect the loads when the system is powered off)

HEATER PUMP OPTION (DEPEND ON SWITCH A5)										
CIRC PUMP		LOW SPEED OF PUMP1								
PUMP1 (1/2SPD)	CIRC PUMP	PUMP1(2 SPD)	CIRC PUMP	PUMP2 (1/2 SPD)	PUMP3 (1/2 SPD)	PUMP4	BLOWER	OZONE	LIGHT	AUX POWER
HIGH:10A MAX LOW:2.5A MAX	2.5A MAX	HIGH:10A MAX LOW:2.5A MAX	N/A	HIGH:10A MAX LOW:2.5A MAX	HIGH:10A MAX LOW:2.5A MAX	10A MAX	5A MAX	1A MAX	12VDC 2A MAX	1A MAX
CN1	CN6	CN1		CN2	CN3	CN4	CN5	CN7	CN22	CN10

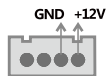
light cable
connection diagram

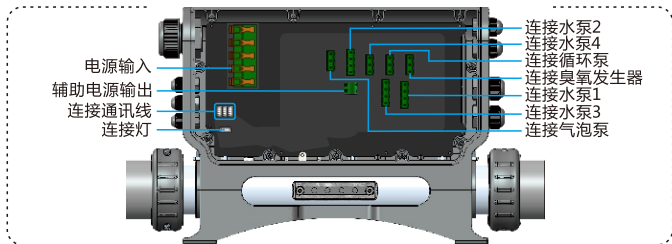
① 4 wire RGB light



light cable
connection diagram

② 2 wire light



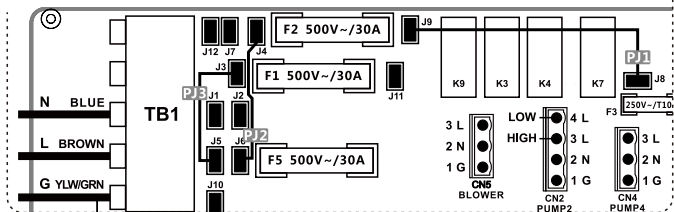


I

在断电情况下，连接主电源。（注意正确连接跳线）

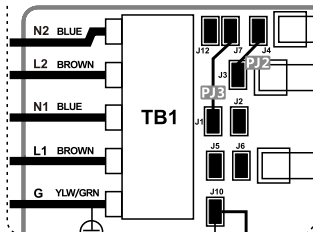
输入电压：220-240V~ 50Hz 1P×32A

跳线	位置	跳线	位置	跳线	位置
PJ1	J8-J9	PJ2	J4-J6	PJ3	J3-J5



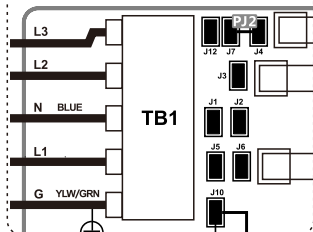
输入电压：220-240V~
50Hz 2P×16A

跳线	位置	跳线	位置
PJ1	J8-J9	PJ2	J3-J4
PJ3	J1-J7		



输入电压：220-240V~
50Hz 3P×16A

跳线	位置
PJ1	J8-J9
PJ2	J4-J7



II

配置负载

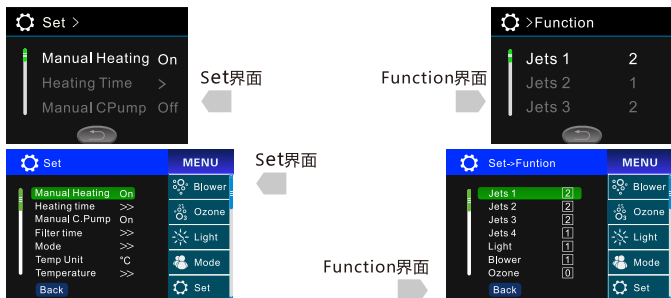
根据控制系统PCB板上的拨码开关S1（如右图）配置表格，对拨码开关编码位置A1-A5进行设置。



主控制系统	▲ A1 ▼	从控制系统
无功率限制	▲ A2 ▼	功率限制
未指定	▲ A3 ▼	未指定
设置	▲ A4 ▼	存储设置
循环泵(加热泵)	▲ A5 ▼	水泵1为低速泵

1. 编码位置A1：如果产品中只有一个控制系统，请将A1配置为“主控制系统”；如果产品中有两个控制系统，请将一个控制系统A1配置为“主控制系统”，将另外一个控制系统A1配置为“从控制系统”。
2. 根据具体功能需求配置A2和A5。

3. 把编码位置A4拨到▲ON的位置，将控制系统上电，进入控制面板Set界面，触摸“⊖”或“⌚”约3秒，进入Function界面，进行负载配置，如下图所示。配置完成后，立刻返回Set界面方可保存负载配置。注意，此操作必须在控制系统上电60秒之内完成。



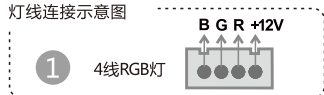
4. 控制面板负载配置完成后，将控制系统断电，然后把A4拨到 ▼ OFF位置。

III

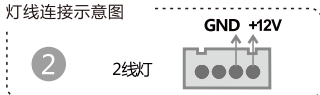
根据负载参数表正确选择负载（在断电情况下进行负载连接）

连接加热器的水泵(A5设置为▲ON)										
循环泵		水泵1的低速								
水泵1 (单/双速)	循环泵	水泵1 (双速)	循环泵	水泵2 (单/双速)	水泵3 (单/双速)	水泵4	气泡泵	臭氧 发生器	灯	辅助电源
高速:最大10A 低速:最大2.5A	最大2.5A	高速:最大10A 低速:最大2.5A	无	高速:最大10A 低速:最大2.5A	高速:最大10A 低速:最大2.5A	最大10A	最大5A	最大1A	12VDC 最大2A	最大1A
CN1	CN6	CN1		CN2	CN3	CN4	CN5	CN7	CN22	CN10

灯线连接示意图



灯线连接示意图





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