

Description

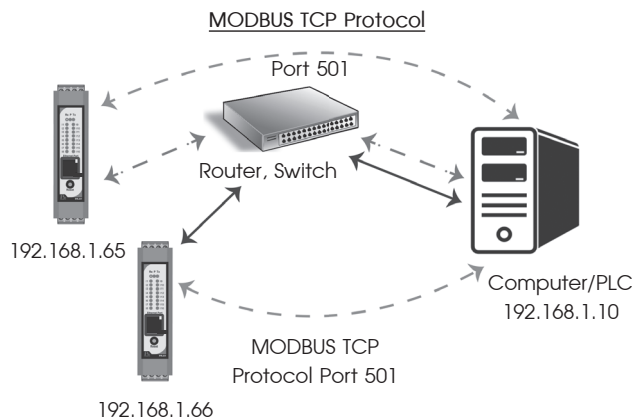
- Modbus TCP I/O Module Thermocouple and PT100 Input PH-06:
A device used with the Modbus TCP protocol system. It is available in two models: 4 and 2 inputs for thermocouple, PT100, and resistance inputs, with channel-isolated design.
- Resolution 0.1 °C
- Operation via the Modbus TCP/IP protocol.
- Suitable for use as remote I/O or for expanding I/O for a PLC.
- LEDs indicate the status of each input and output.

Operation

PB-06 supports thermocouple or PT100 inputs and is available in two models with 4 or 2 inputs in a single unit. It has a resolution of 0.1 °C. The thermocouple supports a total of 9 types: J, K, E, T, N, R, S, PT100, and resistance inputs, providing high resolution.

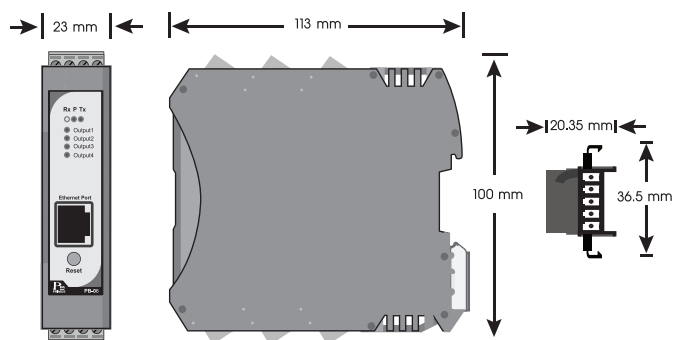
It allows Modbus master devices such as a PC or PLC to read data from the connected inputs. It is suitable for use as remote I/O or for expanding I/O for a PLC.

The PB-04 can be programmed to configure the Ethernet IP using a PC, with configuration via a web server.
(Communication format)



MODBUS TCP protocol communication between a computer and a Modbus TCP I/O module. The computer can write or read data from the Modbus TCP I/O module using communication port 501.

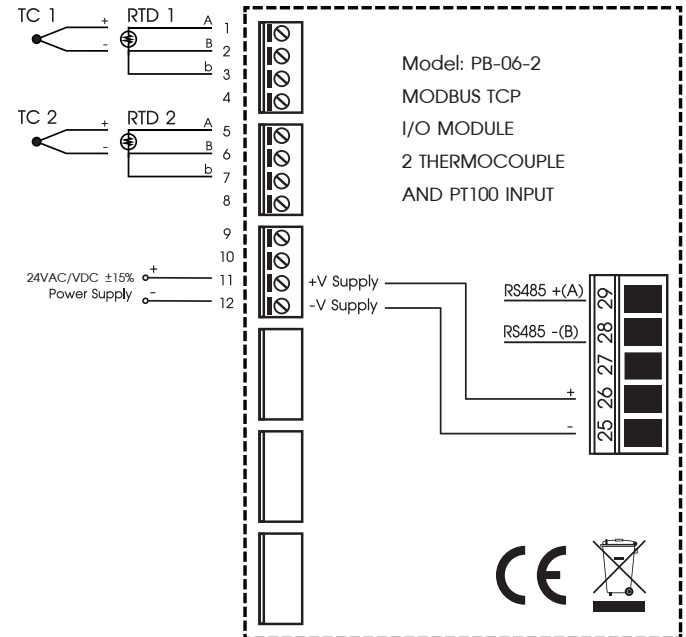
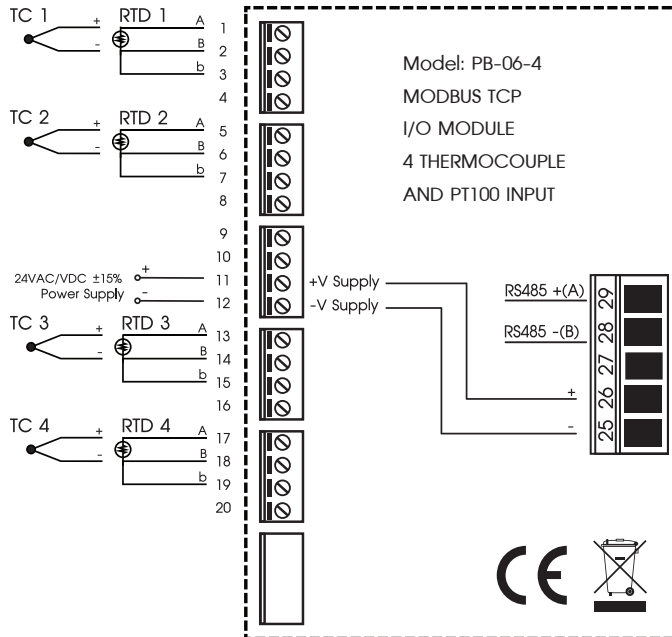
Dimension



Specification

Model		PB-06-4	PB-06-2
Power Supply		15-30VDC	
Power Consumption		2VA	
Display		LED	
Input	Input Points	4	2
	Input Type	Thermocouple Type K, J, R, T, N, S, E	
		PT100, Ohms (10-400 Ohms)	
	Resolution	0.1 °C	
Accuracy		±0.25% FSR @25 °C	
Cold Junction	CJC Error	±0.5 OC Typ.After 30	
Communication	Protocol	Modbus TCP	
	Ethernet	10/100Mbps/s	
Ambient Operation	Temperature	-10 °C to 60 °C	
	Humidity	<85% RH Non-Condensing	
Ambient Storage	Temperature	-20 °C to 80 °C	
	Humidity	<85% RH Non-Condensing	
Protection Degree		IP20	
Installation		DIN RAIL	
Enclosure		ABS-V0	
Size (mm.)		23 x 113 x 100	
Weight (kg.)		180	

Wiring Diagram



Ordering Code

PB -06-



Input/Output Signal	
4	4 Thermocouple, PT100
2	2 Thermocouple, PT100



- WARNING**
- Make sure the correct wiring connection before turning on electricity. Mis-wiring may cause malfunction of the unit and fire.
 - Never modify the unit to prevent damage or incident such as malfunction and fire etc.