



Description

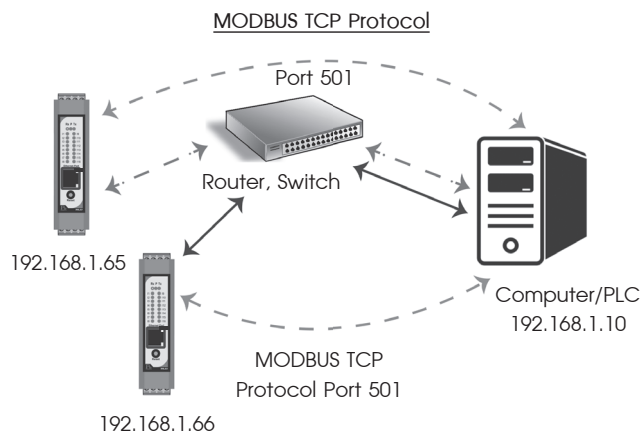
- Modbus TCP I/O Module Digital Output PB-03: A device used with the Modbus TCP/IP protocol system. It is available in 4 models: 16, 8, 4, and 2 digital outputs.
- NPN open-collector outputs which is isolated per channel.
- Operation via the Modbus TCP/IP protocol
- Suitable for use as remote I/O or for expanding I/O for a PLC
- LEDs indicate the status of each input and output

Operation

The PB-03 is available in four models: 16, 8, 4, and 2 NPN open-collector digital outputs for connection to relays or other devices. The PB-03 can read and write data via the Modbus TCP/IP protocol, receiving commands from a PLC or software. It functions as I/O expansion for a PLC or as remote I/O for collecting and distributing input/output signals located far from the main controller (PLC or software) over an Ethernet or LAN network (Communication format).

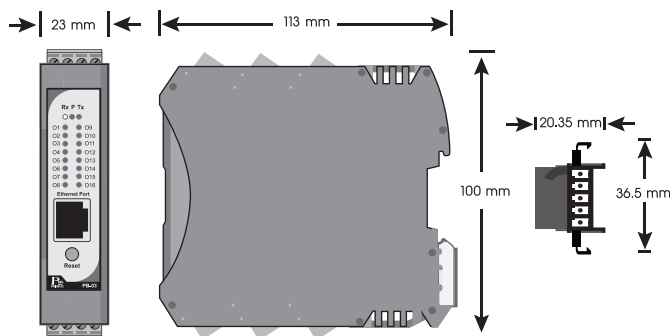
Specification

Model		PB-03-16	PB-03-8	PB-03-4	PB-03-2
Power Supply		15-30VDC			
Power Consumption		4VA			
Display		LED			
Input	Output Points	16	8	4	2
	Maximum Voltage	36VDC			
	Maximum Current	100mA per Output			
	Isolation	1500Vrms Between Field And Logic			
Communication	Protocol	Modbus TCP/IP			
	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			

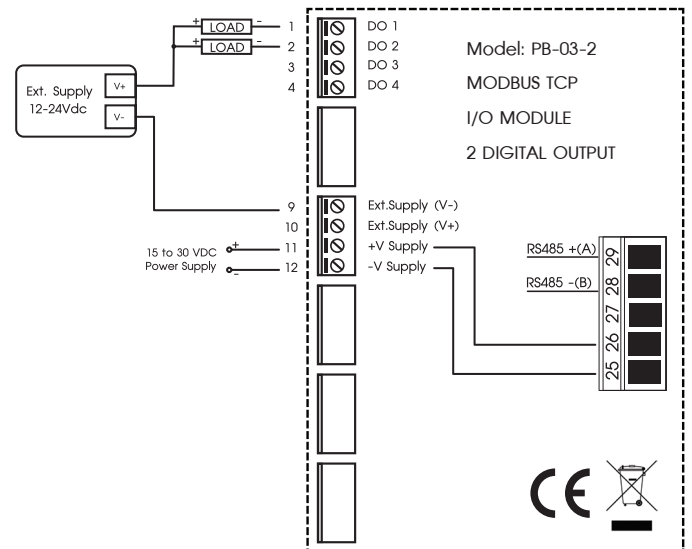
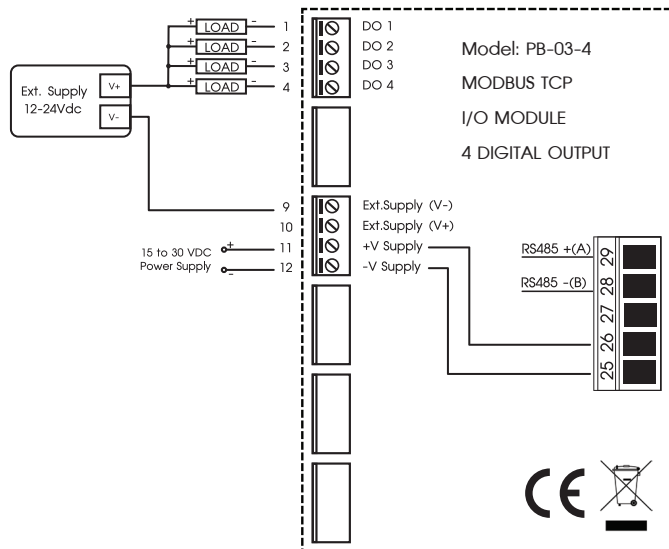
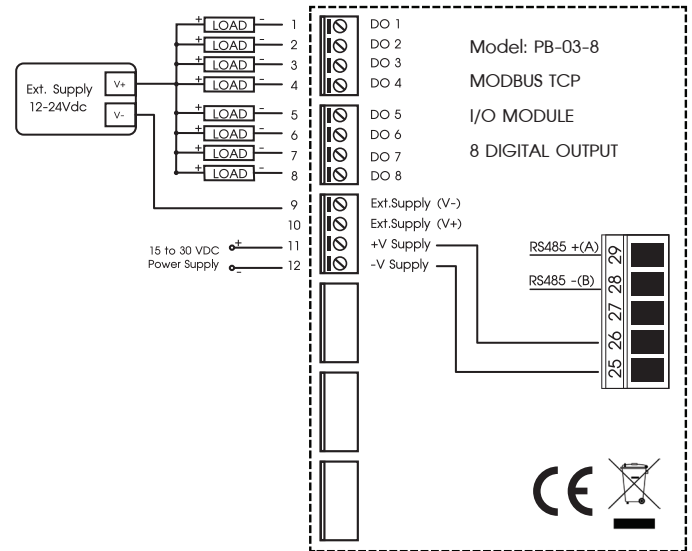
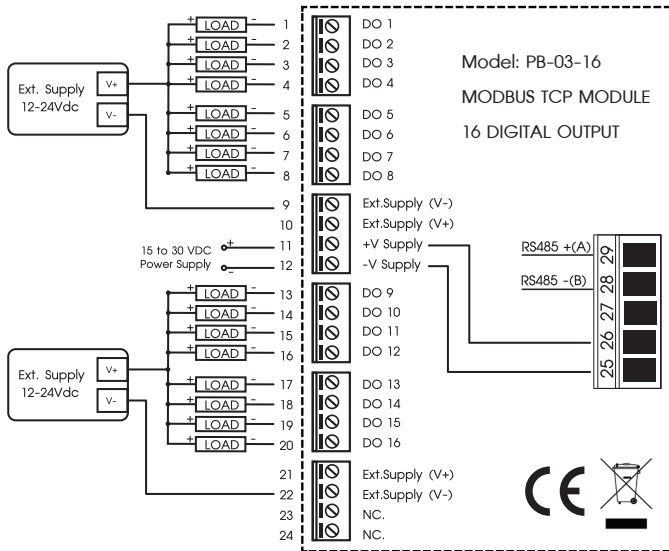


This is MODBUS TCP protocol communication between a computer and a MODBUS TCP I/O module. The computer can write or read data from the MODBUS TCP I/O module using communication port 501.

Dimension



Wiring Diagram

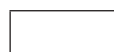


WARNING

- 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.

Ordering Code

PB -03-



Input/Output Signal	
16	16 Digital Output
8	8 Digital Output
4	4 Digital Output
2	2 Digital Output