



Description

- Modbus RS-485 I/O Module – Digital Output (PH-03)
PH-03 is a Modbus RS-485 Digital Output module available in 4 models: 16, 8, 4, and 2 Digital Outputs.
- NPN Open Collector Outputs, Isolated per channel.
- Operates via RS-485 Modbus Protocol.
- Suitable for Remote I/O applications or I/O expansion for PLCs.
- LED indicators show the status of each output.

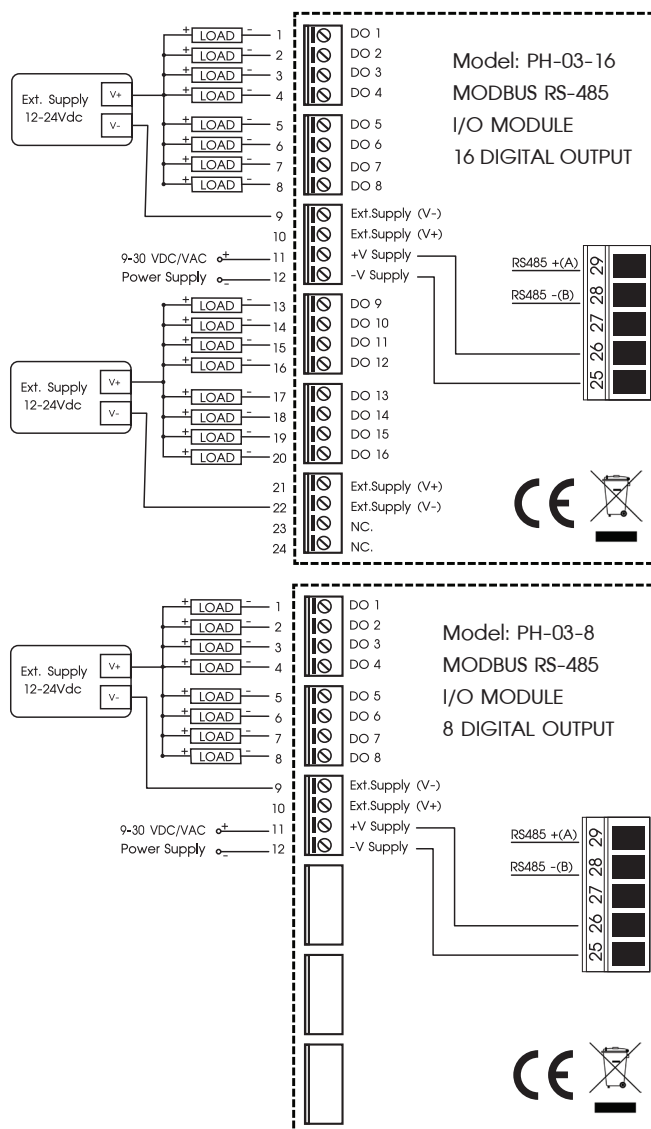
Operation

PH-03 has 4 models: 16, 8, 4, and 2 Digital Outputs with NPN Open Collector type for connection to relays or other devices. PH-03 is controlled by a Modbus Master Device such as a PC or PLC to operate according to the required functions. It is suitable for Remote I/O or for expanding I/O for PLCs.

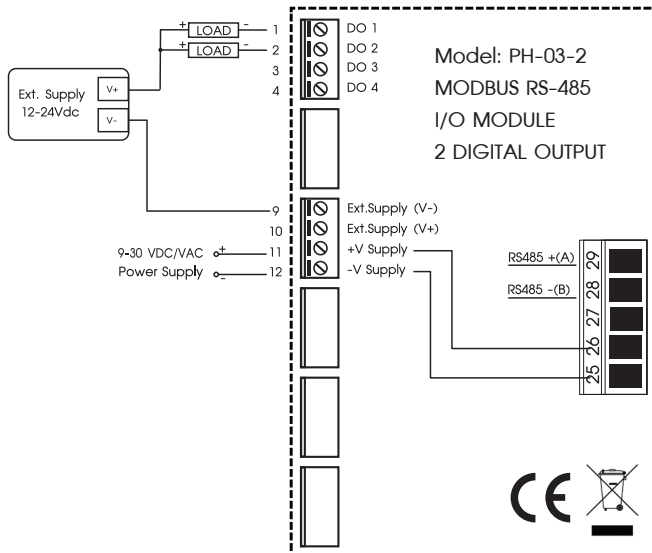
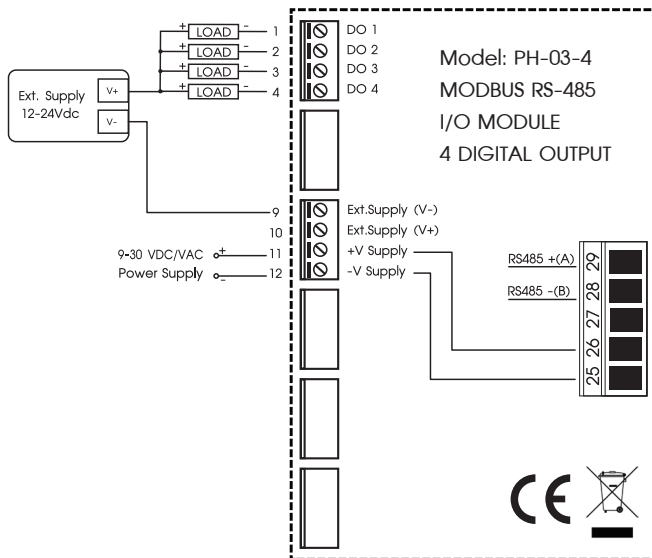
Specification

Model		PH-03-16	PH-03-8	PH-03-4	PH-03-2
Power Supply		9-30VDC/VAC			
Power Consumption		2 VA			
Display		LED			
Output	Output Points	16	8	4	2
	Maximum Voltage	36VDC			
	Maximum Current	100 mA Per Output			
	Isolation	1500 Vrms Between Field And Logic			
Communication	Protocol	MODBUS RTU			
	Baud Rate	2400, 4800, 9600, 19200, 38400, 57600			
	Parity	None, Even, Odd			
	Stop Bits	1, 2			
	Data Bits	8			
	Maximum Support Node	255			
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.)		150			

Wiring Diagram

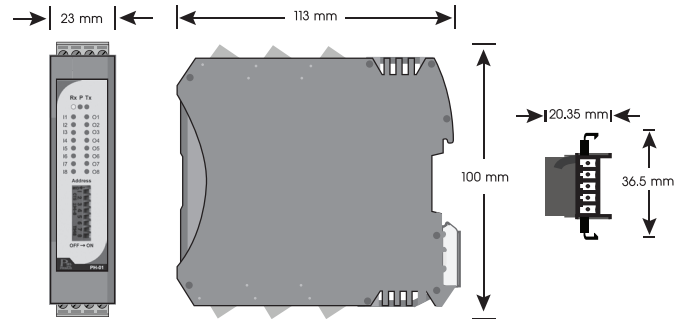


Wiring Diagram(Con)



- 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.

Dimension



Ordering Code

PH -03-

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