



W-M2B501

4-Ch Digital Input Module & 4-Ch Digital Output Module



Features

- 4-Ch Digital Output with High Voltage Range: 3.5~30V
- 4-Ch Digital Input & support Dry & Wet contact
- High Isolation: 2500V
- Communication Protocol: Modbus RTU



Introduction

The W-M2B501 is a 4-Ch Digital Input Module & 4-Ch Digital Output Module which provides industries who might only need less channels for data acquisition.

Digital Input

Channels	4 Channels
Dry Contact	Logic Level 0: Open Logic Level 1: Close to GND
Wet Contact	Logic Level 0: 3V (Max.) Logic Level 1: 10 to 50V
Input Resistance	10 K Ω
Isolation Voltage	2500 VDC
Over-Voltage Protection	70 VDC
Frequency Input Range	100 Hz (16 bit)
Latch Value Read	Yes

Digital Output

Channels	4 Channels
Output Type	NPN
Output Voltage Range	3.5~30V
Normal Output Current	500mA per Channel
High Isolation	2500 VDC
Startup Value Setting	Yes
Communication Safety Value Setting	Yes

General

Interface	RS-485
Power Requirement	10~36 VDC
Power Consumption	25mA @ 24V

Communication

Protocol	Modbus RTU
Speed	Serial: From 2.4 to 115.2 kbps
Distance	Serial: 1.2 km at 9.6 kbps

Environmental

Operating Temp.	-25 ~ 70°C (-13 ~ 158°F)
Storage Temp.	-30 ~ 75°C (-22 ~ 167°F)
Operating Humidity	5% to 95% (non-condensing)

Dimension

LED Indicators	PWR, Comm, Program, Status
Dimension	20 x 100 x 95mm
Weight	65g (Average)