



W-M2B502

4 Channels Digital Input & 2 Channels Relay Output Module



Features

- 4-Ch Digital Input & 2-Ch Relay Output
- Dry / Wet Contact
- Over-Voltage Protection 70 VDC



Introduction

The W-M2B502 is a 4 Channels Digital Input & 2 Channels Relay 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
Counter Input Range	Max.100Hz (16 bit)
Latch Value Read	Yes

Relay Output

Channels	2 Channels
Relay Output Channels	2 Form C
Contact Rating	5A 250VAC / 30VDC
Dielectric Strength	3KV
Operate Time	10ms Max.
Release Time	5ms Max.
Electrical Endurance	1x105ops@3A @3A 250VAC/30VDC

General

Interface	RS-485
Power Input Range	10~36 VDC
Power Consumption	1.2 W @ 24V
Watchdog Timer	Yes

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

Dimension	20 x 100 x 95mm
Weight	65g (Average)