



**W-M1B501**



**W-M1B502**



## Specifications

### General

- Power Input Range 10~60VDC
- Power Consumption 1.6W@24VDC
- Watchdog Timer System(1.6 second Fixed) Communication (Programmable)
- Connector 2 x plug-in terminal block (#16 ~ 30 AWG)
- Temperature (Operating) -25~70°C
- Humidity 5~95%
- Temperature (Storage) -30~75°C
- Interface RS-485
- Communication Protocol Modbus/RTU
- Communication Speed Serial: From 1200 to 115.2k bps
- Communication Distance Serial: 1.2km
- Isolation Protection 3000VDC

### Digital Input

- Channels 16
- Dry Contact Logic Level 0: Open  
Logic Level 1: Close to GND
- Wet Contact Logic Level 0: 3V maximum  
Logic Level 1: 10 to 50V
- Input resistance 10kΩ
- Isolation voltage 2500Vdc
- Over-voltage Protection 70VDC
- Frequency Input range 100Hz (16bit)
- Latch Value Read Yes

### Digital Output

- Channels 16
- Output Type NPN
- Output Voltage Range 3.5~30V
- Normal Output Current 500mA
- Isolation voltage 2500Vdc
- Startup Value Setting Yes
- Communication Safety Value Setting Yes

## Specifications

### General

- Power Input Range 10~60VDC
- Power Consumption 2.8W@24VDC
- Watchdog Timer System(1.6 second Fixed) Communication (Programmable)
- Connector 2 x plug-in terminal block (#16 ~ 30 AWG)
- Temperature (Operating) -25~70°C
- Humidity 5~95%
- Temperature (Storage) -30~75°C
- Interface RS-485
- Communication Protocol Modbus/RTU
- Communication Speed Serial: From 1200 to 115.2k bps
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### Digital Input

- Channels 16
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- Isolation voltage 2500Vdc
- Over-voltage Protection 70VDC
- Frequency Input range 100Hz (16bit)
- Latch Value Read Yes

### Digital Output

- Relay Output Channels 4 Form A, 4 Form C
- Contact Rating 5A 250VAC/30VDC
- Dielectric Strength 3KV
- Operate Time 10ms Max.
- Release Time 5ms Max.
- Startup Value Setting Yes
- Communication Safety Value Setting Yes