



W-M1B501

16 Channels Digital Input / Output Module



Features

- Support Dry / Wet Contact
- Input Resistance 10K Ω
- Normal Output Current 500mA per Channel
- Communication Protocol: Modbus RTU



Introduction

W-M1B501, 16-channel digital input and output, it includes the features of photo couple isolation and source type output with short circuit protection. W-M1B501 can be rugged enough in a difficult environment, but it still retains the feature of friendly configuration.

Digital Input	
Input Impedance	10 K Ω
Over-Voltage Protection	70 VDC
Frequency Range	100 Hz (16 bit)
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
Digital Output	
Output Type	NPN
Output Voltage Range	3.5 ~ 30 VDC
Frequency Range	100 Hz (16 bit)
Normal Output Current	500mA per Channel
Operate / Release Time	10 ms Max. / 5 ms Max.
Electrical Endurance	100000 ops. @ 5A resistive load
General	
Interface	RS-485
Power Consumption	4.8W @ 24 VDC
Power Requirement	10 ~ 60 VDC
Watchdog Timer	System (1.6 Second Fixed)
Intra-Module Isolation, Field-to-Logic	2500 VDC
Communication	
Protocol:	Modbus RTU
Speed	From 1200 ~ 115.2k bps
Distance	1.2 km at 9.6 kbps

Environmental	
Operating Temp.	-25 ~ 70 °C
Storage Temp.	-30 ~ 75°C
Operating Relative Humidity	10% to 90% (non-condensing)
Dimension	
LED Indicators	PWR, Comm, Program, Status
Weight	65g (Average)
Dimensions	472 x 121 x 120mm
Ordering Information	
W-M1B501	16 Channels Digital Input and 16 Channels Digital Output Modules

