



W-M2B301

8 Channels Isolation Digital Input Module



Features

- 8-Ch Digital Input Module
- High Isolation: 2500V
- Support Dry and Wet contact
- Communication Protocol: Modbus RTU



Introduction

The W-M2B301 is an 8 Channels Isolation Digital Input Module which provides industries who might only need less channels for data acquisition.

Digital Input

Channels	8 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
High Isolation	2500 VDC
Over-Voltage Protection	70 VDC
Frequency Input Range	100 Hz (16 bit)
Latch Value Read	Yes

General

Interface	RS-485
Power Consumption	35mA @ 24V
Power Requirement	10 ~ 36 VDC

MTBF (Conditions: Temperature: 25°C)

Failure Rate	358.0577 18 (FITs)
MTBF	2,792,846 (Hours)

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)