



W-M1B401/402

16 / 32 Channels Isolation Digital Output Module



Features

- NPN Output Type
- Normal Output Current 500mA per Channel
- Isolation Voltage: 2500 Vrms
- Communication Protocol: Modbus RTU



Introduction

W-M1B401 is a 16-channel digital NPN output module. Following the rugged and friendly product design of Wolf series, W-M1B401 withstands wide operating temperature and is easy to configure which makes mass deployment simple. For more numerous channels, the 32-channel of W-M1B402 is enough to satisfy users' requirement.

Digital Output

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

General

Interface	RS-485
Power Consumption	0.5W @ 24 VDC (W-M1B401) 0.7W @ 24 VDC (W-M1B402)
Power Requirement	10 ~ 60 VDC
Watchdog Timer	System (1.6 Second Fixed) Communication (Programmable)
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-M1B401	16-ch Isolated Digital Output Module
W-M1B402	32-ch Isolated Digital Output Module

