

W-M1B401 / W-M1B402

16 / 32 Channels Isolation Digital Output Module



Main 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.

Specification

Model Name	W-M1B401 (16 Channels)	W-M1B402 (32 Channels)
Digital Output		
Output Type	NPN	
Output Voltage Range	3.5 – 30 VDC	
Normal Output Current	500mA per Channel	
Isolation Voltage	2500 Vrms	
Startup Value Setting	Yes	
Communication Safety Value Setting	Yes	
General		
Interface	RS-485	
Communication Protocol	Modbus RTU	
Communication Speed	From 1200 to 115.2k bps	
Communication Distance	1.2 km at 9.6 kbps	
Power Consumption	0.5W @ 24 VDC	0.7W @ 24 VDC
Power Requirement	10 - 60 VDC	
Temperature	-25 to +70 °C (Operating) -30 to +75 °C (Storage)	
Humidity	Operating Relative Humidity: 10% to 90% (non-condensing)	
Watchdog Timer	System (1.6 Second Fixed) Communication (Programmable)	
LED Indicators	PWR, Comm, Program, Status	
Intra-Module Isolation, Field-to-Logic	2500 VDC	
Dimension		
Weight: 65g (Average)		
Dimension: 472mm x 121mm x 120mm		
Ordering Information		
W-M1B401 16-ch Isolated Digital Output Module		
W-M1B402 32-ch Isolated Digital Output Module		