



W-M1B403/404

8 / 16 Channels Relay Output Module



Features

- Contact Rating 5A 250VAC/ 30VDC
- Operation Time 10ms (Max) / Release Time 5ms (Max)
- Isolation Voltage: 2500 Vrms
- Communication Protocol: Modbus TCP



Introduction

W-M1B403, 8-channel relay output module with dielectric strength; W-M1B404, 16-channel relay output module, both are optional to satisfy users' requirements. Following the rugged and friendly product design of Wolf Series, W-M1B403 and W-M1B404 allow to withstand wide operating temperature and is easy to configure which makes mass deployment simple.

Digital Output

Relay Output Channels	4 Form A, 4 Form C (W-M1B403) 8 Form A, 8 Form C (W-M1B404)
Contact Rating	5A 250VAC/ 30VDC
Isolation	2500 Vrms
Operate Time	10 ms Max.
Release Time	5 ms Max.
Electrical Endurance	100000 ops. @ 5A resistive load

Dimension

LED Indicators	PWR, Comm, Program, Status
Weight	65g (Average)
Dimensions	472 x 121 x 120mm

Ordering Information

W-M1B403	8-ch Relay Output Module
W-M1B404	16-ch Relay Output Module

General

Interface	RS-485
Power Consumption	2.4W @ 24 VDC (W-M1B403) 3.8W @ 24 VDC (W-M1B404)
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)

