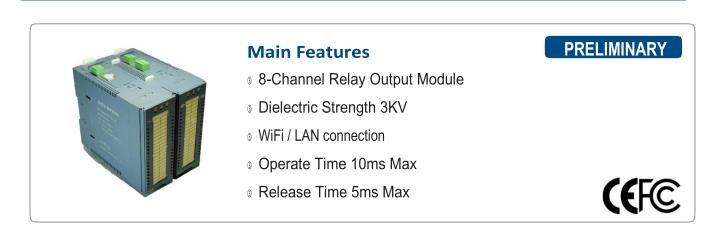
WiFio-403

8-Channel Relay Output Module



Introduction

The Wifio Series is an Ethernet-based wireless IIoT device, which has integrated the IoT data acquisition, processing, and publishing functions all together. The WiFio Series also provide WiFi and LAN connection for users when establishing networks.

Specifications

Model Name	WiFio-403	
General		
Power Input	10~60VDC	
Power Consumption	200mA@24V	
Temperature-Operating	-25 ~ 70 °C	
Temperature-Storage	-30 ~ 75 °C	
Humidity	5 ~ 95 %	
Dimensions	120.1 mm*94.4 mm*121.1mm	
Weight	360g (Average)	
LED Indicators	System, Config, WLAN	
WiFio-Master		
LAN Connection Transmission Speed	1 x RJ45	
	10/100 Base-TX Ethernet	
WiFi Connection	IEEE 802.11/b/g/n Internal built-in ceramic	

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	antenna and optional external antenna via I-
	PEX connector
	STAP/AP
WiFi Mode Modbus Connector	Configurable TX Power
	Support External Antenna
	2 serial port both support baud rate up to 115200bps, 1 DIN-rail port to connect Wolf
	Series seamlessly
	1 isolated DB9 type port to support
Modbus Interface	RS232/422/485 by user configurable.
Modbus RTU Modes	Master/Slave Mode manage up to 8 devices
Modbus TCP Modes	Master/Slave Mode
Moubus I CI Moues	Full support Modbus/TCP/RTU protocol and
Modbus Function Codes	depends on equipped devices
Modbus Baud Rate	1.2K~115.2K Baud Rate
http Server	Support http and https Secure Session
SSH	
DHCPC	DHCP Client to Obtain IP Address
Supported Browsers	Internet Explorer 8/9/10 and, Mozilla Firefox
	24, Safari 5.1.7, Chrome 31, Oper 16.0, with
	at least 3 simultaneous connections.
Mounting	DIN EN 60715
Safety	FCC/CE/RoHS
WiFio-Slave	
Watchdog Timer	System (1.6 second Fixed)
	Communication (Programmable)
Interface	RS-485
Communication Protocol	Modbus/RTU
Communication Speed	Serial: From 1200 to 115.2k bps
Communication Distance	Serial: 1.2km
Isolation Protection	2500 or 3000 VDC
IO Specifications	
Channels	8
Power Consumption	2.4W @ 24V
Relay Output Channels	4 Form A, 4 Form C
Contact Rating	5A 250VAC/30VDC
Dielectric Strength	3KV

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Operate Time	10ms Max.
Release Time	5ms Max.
Electrical Endurance	1x10 ⁵ ops@3A 250VAC/30VDC

Terminal Assignment-WiFio-403

