



**BARIONET**

**50**

## **Quick Install Guide Version 1.2**

### **Low Cost IP Automation Controller with Modbus/TCP and SNMP Support**

#### **Package contents**

- a Barionet 50
- b This quick install guide

#### **Mounting, Wiring and Setup**

Slide the device upwards onto the DIN rail. Push it up and towards the rail until it snaps onto the upper rail edge.

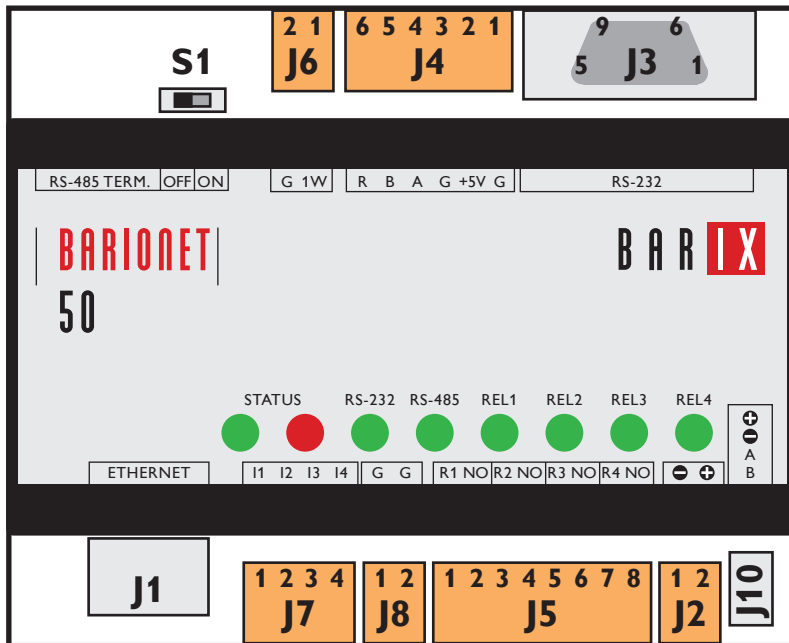
For wiring information please refer to the second page.

Before powering the device please read the user manual available on [www.barix.com](http://www.barix.com).

#### **Support**

For support please contact your local dealer or visit [www.barix.com](http://www.barix.com).

# Connectors



## NOTES

All connectors except J1, J3 and J10 are detachable screw terminal blocks.

Barix devices can be daisy-chained using the extension bus connector J10.

An extension cable for this purpose is supplied with the Barix IO12 and the Barix R6. The gap between devices is then restricted to a maximum of 13mm (1/2").

### S1 RS-485 Termination

Please refer to the manual

### J1 LAN port 10/100 (RJ45)

### J2 Power input

Pin	Description
1	Ground (GND)
2	Power +9..30VDC

### J3 RS-232 serial port

Pin	Description
2	RxD (Receive data)
3	TxD (Transmit data)
5	GND (Ground)
7	RTS (Ready to send)
8	CTS (Clear to send)

Pins 1,4,6 and 9 not connected

### J4 RS-485 serial port

Pin	Description
1	Ground (GND)
2	+5VDC (100mA max.)
3	Ground (GND)
4	RS-485 A
5	RS-485 B
6	Resistor 100Ω to GND

### J5 Relais outputs

Pin	Description
1	Relais 1 common
2	Relais 1 normally open
3	Relais 2 common
4	Relais 2 normally open
5	Relais 3 common
6	Relais 3 normally open
7	Relais 4 common
8	Relais 4 normally open

### J6 Dallas 1-wire® bus

Pin	Description
1	1-wire data
2	Ground (GND)

### J7 Inputs (short to GND on J8 to activate)

Pin	Description
1	Input 1
2	Input 2
3	Input 3
4	Input 4

### J8 Ground for inputs

Pin	Description
1	Ground (GND)
2	Ground (GND)

## Certifications

This Device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operations.

Tested to comply with CE standard A.

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