

HATM02F

3 Relay module for Raspberry Pi

I. Included

1. PCB board -1pc.
2. Cable RJ6 -1pc.
3. Male Connectors for JP3, JP5, JP6 -3pcs.
4. Pitch terminal – 12pcs.

II. Components

1. Relays

The board has 3 relays with the possibility of switching up to 250V AC and max current up to 3A.

Relay 1 has both NO and NC outputs. Relays 2 and 3 have only NO output.

All three relays have a common end of the contact system.

2. Connector RJ6

RJ6 has 5 input/output ports. (Inputs Up to 24V, Active – Low level)

I/O 1 – universal input/output port.

I/O 2 - universal input/output port.

I/O 3 - combined with built-in Raspberry Pi One Wire interface. (it is chosen whether it is I/O or One Wire with a jp4)

I/O 4 – universal input/output port or serial (UART)

I/O 5 - universal input/output port.

3. LED diode

Two-color LED – red/green. If combined – yellow.

4. Buzzer

There is a buzzer for sound signaling without its own generator. It is connected to the Raspberry Pi pin with built-in PWM with which the client can choose the frequency and sounds of the buzzer. It is desirable that the fill factor is not more than 10%.

5. Button

Valet Button – for service needs.

6. Top Connectors

I2C port – JP5

For infrared port or other universal application – JP6

For external 5V power supply - JP3

