

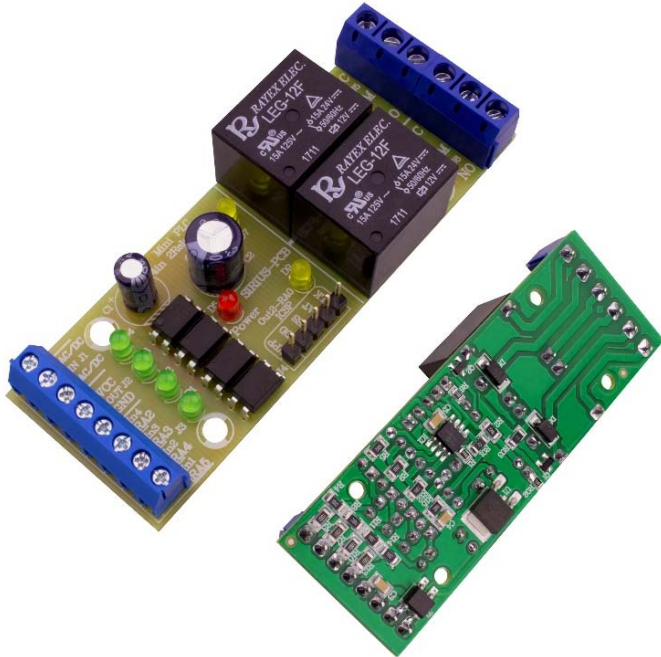


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Mini PLC 4in 2Relay Out 12F1572

№100861



This device is a custom reprogrammable controller on the base of microcontroller PIC12F1572-I/SN with digital inputs and relay outputs.

It is commonly used in small automations such as: press control, electronic door lock, small scale production lines and other devices, which use a small number of digital inputs and outputs.

Mini PLC 4in 2Relay Out features

- 4 digital inputs (**12V÷24VDC**) with **common ground**
- 2 relay outputs (**250V 10A**)
- Suitable for sensor types: **PNP 12V**
- Light emitting diodes for state indication of:
 - Inputs
 - Outputs
 - Power supply
- 12V output for power supply of sensors and of limit switches
- Power supply voltage: **9VAC or 12VDC**
- Connector for **ICSP** programming
- Size: 83mm x 30mm
- Suitable for mounting in DIN rail box – **Z-103**

Note:

The device is programmed with factory test firmware.

When power supply is on:

1. Relays switch on and off successively
2. Relays switch on and off
3. When signal is applied to **IN1**, **RELAY1** switches on
4. When signal is applied to **IN2**, **RELAY2** switches on
5. When signal is applied to **IN3**, **RELAY1** and **RELAY2** switch on successively
6. When signal is applied to **IN4**, **RELAY2** and **RELAY1** switch on successively

Description

- Terminal **J1** – power supply **9VAC or 12VDC**
- Terminal **J2** – **12V** output for button, key, sensor, limit switch and etc.
- Terminal **J3 (IN 1÷4)** – **12V÷24VDC** digital inputs
- Pin header **J4** – **ICSP** programming port
- Terminal **J5, J6 (RELAY 1, 2)** – **NO** normally open, **NC** normally closed, **COM** common relay contact

Signalling:

- LED **D1** – state of input **IN1 (RA2)**
- LED **D2** – state of input **IN2 (RA3)**
- LED **D3** – state of input **IN3 (RA4)**
- LED **D4** – state of input **IN4 (RA5)**
- LED **D5** – power supply is indicated
- LED **D7** – state of output **RELAY1 (RA1)**
- LED **D9** – state of output **RELAY2 (RA0)**

