

# TX7221

## Multichannel I/O Module

### Feature and Benefits

A non polar bus of two wire  
four input detection ports, four contact output ports, one active output port.  
The input ports have the function of line fault detection  
Software and hardware filter technology is used to improve the anti-interference ability of the module

### Overview

TX7221 multichannel input and output module (hereinafter referred to as module) is a dedicated bus module device for fire protection, which can be connected with intelligent fire alarm controller.

This module is easy to install, and has active output port, passive output port and input port. Input port has a strong analytical ability to judge the input port for short circuit, open circuit and fire detection, and through the lights indicate the status.



## Technical Specification

Bus protocol	T7 protocol
Current Consumption	Bus monitoring current: $\leq 1.5\text{mA}$ , Equipment monitoring current: $\leq 25\text{mA}$
Power supply voltage	24VDC (18V~28V)
Active output voltage	24VDC / 500mA
Contact output voltage	24VDC / 2A (per circuit)
Connection mode	Connected with the controller using non-polar bus of two wire; connected to the DC24V power supply using a non-polar two-wire connection
Encoding method	electronic coding
Dimension / LWH	150 mm x 100 mm
Weight	350g
Operating Temperature	-10° C to +50° C
Humidity	0 to 95% Relative Humidity, Non condensing

## Installation and Wiring

### Terminal Description

- Z1、Z2: Bus port
- D1、D2: DC power supply port
- NC、COM、NO: Passive output port
- OUT: Active output port
- IN+、IN-: Input port

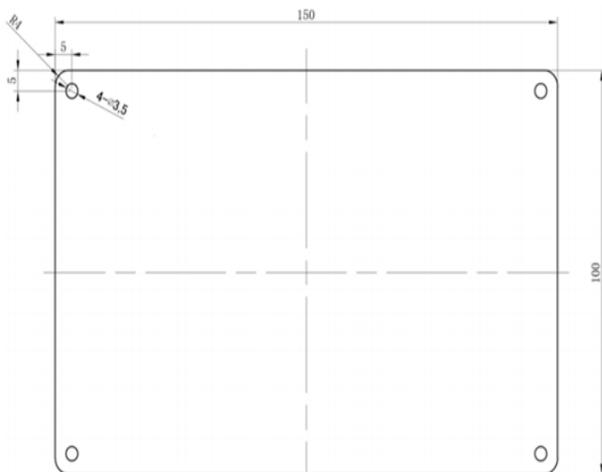


Figure 1 module outline diagram

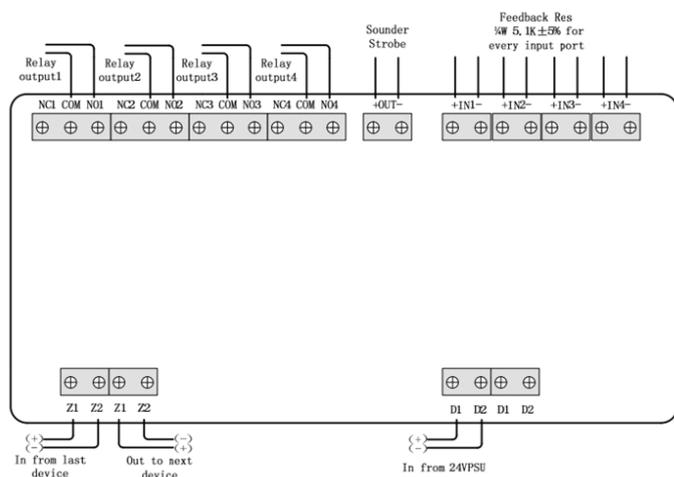


Figure 2 Wiring Details

