



# TXC7001/TXC7002 TXC7004/TXC7008 TXC7012

Conventional Fire Alarm Control Panel

## Equipped with reliable lithium iron phosphate batter

The control panel uses a lithium iron phosphate battery as a backup power supply, which has the characteristics of light weight, high energy density, and high reliability. The main configuration of TXC7001/TXC7002/TXC7004/TXC7008/TX7012 conventional fire alarm control panel is shown in the following table:

| Model   | Zone Support | Alarm Output | Fault Output | Bell Output | Auxiliary Power Output |
|---------|--------------|--------------|--------------|-------------|------------------------|
| TXC7001 | 1            | 1            | 1            | 1           | 1                      |
| TXC7002 | 2            | 1            | 1            | 1           | 1                      |
| TXC7004 | 4            | 1            | 1            | 2           | 2                      |
| TXC7008 | 8            | 1            | 1            | 2           | 2                      |
| TXC7012 | 12           | 1            | 1            | 2           | 2                      |

## Overview

TXC7001/TXC7002/TXC7004/TXC7008/TXC7012 conventional fire alarm control panel are designed according to EN54-2 standard, and can be connected with sounder strobe TXC7301, manual call point TXC7141, smoke detector TXC7101, heat detector TXC7111 and other equipment. This series is easy to install and debug, and easy to operate.



## Technical Specification

|                           |                                                                 |
|---------------------------|-----------------------------------------------------------------|
| Model                     | TXC7001/TXC7002/TXC7004/TXC7008/TXC7012                         |
| Main Power Supply         | AC220V (range 187V ~ 242V), 50Hz                                |
| Maximum operating current | 2.8A                                                            |
| Backup power              | 12.8V, 4Ah                                                      |
| Single zone capacity      | Each zone supports up to 30 front-end devices                   |
| Auxiliary power output    | 0.5A per zone                                                   |
| Bell output               | 0.5A per zone                                                   |
| Weight                    | 1.5kg                                                           |
| Dimensions                | 311mm×60mm×251mm (length×width×height)                          |
| Mounting pitch            | Horizontal spacing 270mm, vertical spacing 215mm                |
| Enclosure rating          | IP30                                                            |
| Use environment           | Temperature: 0℃~+40℃, relative humidity: ≤95%RH, non-condensing |

## Wiring method

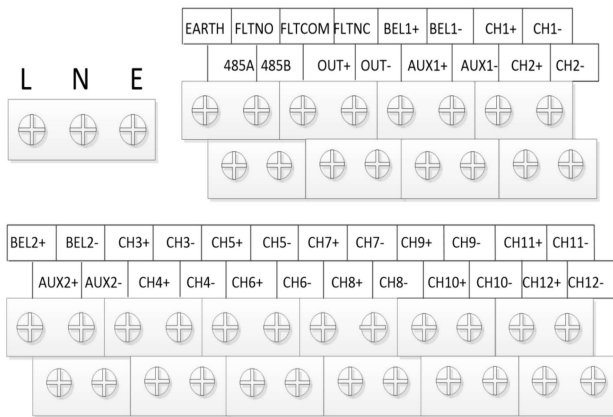


Figure 4-2 Schematic diagram of external wiring terminals

L、N、E: AC 220V input terminal

**EARTH**: Protective earth terminal

**FLTNO**、**FLTCOM**、**FLTNC**: Fault output terminal, which can support normally open and normally closed;

**BEL1+**、**BEL1-**、**BEL2+**、**BEL2-**: Two-way sound and light alarm bell output terminal;

**AUX1+**、**AUX1-**、**AUX2+**、**AUX2-**: Two auxiliary power outputs, each with a maximum current of 0.5A;

**CH1+** ~ **CH12+**、**CH1-**~**CH12-**: 12 zone input terminals;

**485A**、**485B**: RS485 terminal is reserved;

**OUT+**、**OUT-**: The fire alarm output terminal can be configured as DC24V, normally open, normally

closed, etc.

