



TXC7141

Conventional Manual Call Point

Feature and Benefits

- Hardware circuit is stable and reliable, which is not affected by electromagnetic interference.
- After plastic dome is pressed, a special key shall be used to reset it manually.
- After plastic dome is pressed, manual button provides separate output contact to control other external equipment directly.
- Plug-type structure is installed easily and reliably.

Overview

TXC7141 manual fire alarm button (hereinafter referred to as manual button) has a beautiful structure and wiring is easy and reliable. After fire is manually confirmed, press plastic dome on manual button to send alarm signal to the controller. After the controller receives alarm signal, the indicator in the corresponding area is on and an alarm sounds.



Technical Specification

Operating Voltage

Operating current

Output capacity

Type of starting parts

Start type

Reset type

Status indicator

Wiring system

Operating environment

Housing material and color

Outline dimension

Mounting hole pitch

24VDC Range Acceptable: 16~28VDC

1) Normal current: $\leq 20\mu A$

2) Alarm current: $\leq 30mA$

rated DC30V/0.1A passive output contact signal and contact resistance $\leq 100m\Omega$

reusable

press plastic dome manually

a special key is used to reset it. After an alarm is sent, open key cover of manual button and insert the key to rotate by 90° to the right.

1) Fire alarm indicator, red; in normal state, red indicator is off; but after alarming, red indicator is on.

2) Work indicator, red; red indicator is sparkle.

two-wire system, non-polarity

indoors, temperature $-10^\circ C \sim +55^\circ C$, relative humidity $\leq 95\%RH$, without condensation

plastic, red

90.0mm \times 90.0mm \times 34.0mm (with base)

60mm

Installation and Wiring

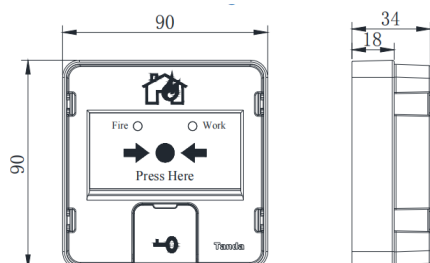


Fig. 1 Outline diagram of manual button

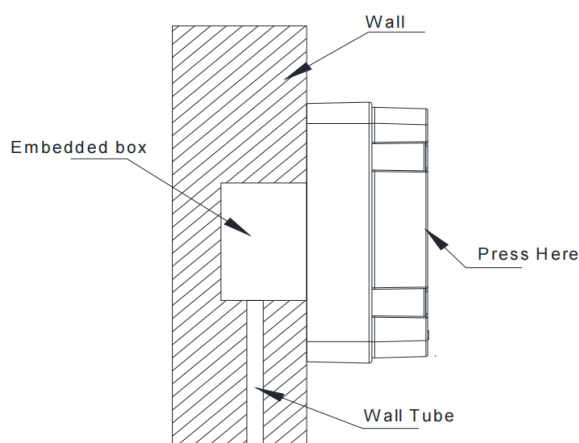


Fig. 2 Installation diagram of manual button

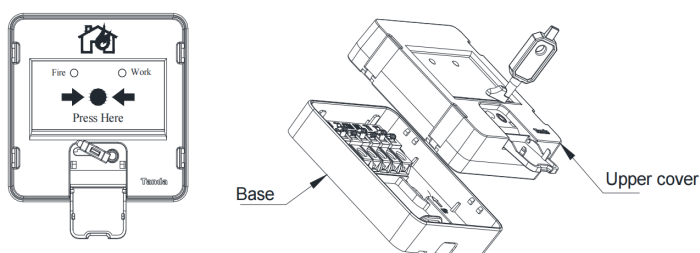


Fig. 3 Removing diagram of manual button



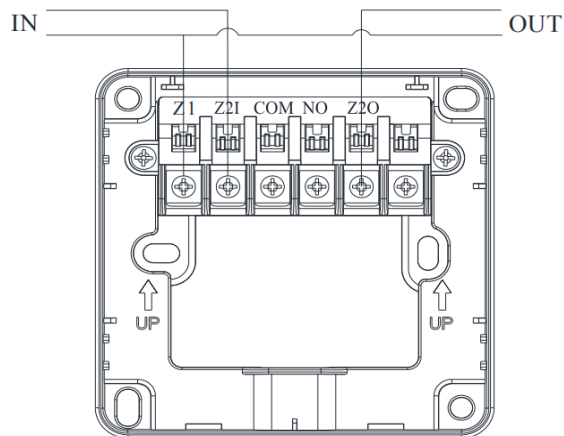


Fig. 4 Terminal description

Terminal Description

Z1 and Z21: power supply input terminal, non-polarity.

Z1 and Z20: cascade connection to the next equipment (no polarity) or connecting with 5.1K terminal resistance.

COM and NO: normally-on signal output terminal (rated capacity 30V/0.1A)



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