



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	24VDC Range Acceptable: 16~28VDC
Operating current	1) Normal current: $\leq 20\mu\text{A}$ 2) Alarm current: $\leq 30\text{mA}$
Output capacity	rated DC30V/0.1A passive output contact signal and contact resistance $\leq 100\text{m}\Omega$
Type of starting parts	reusable
Start type	press plastic dome manually
Reset type	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.
Status indicator	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.
Wiring system	two-wire system, non-polarity
Operating environment	indoors, temperature $-10^\circ\text{C} \sim +55^\circ\text{C}$, relative humidity $\leq 95\%RH$, without condensation
Housing material and color	plastic, red
Outline dimension	90.0mm \times 90.0mm \times 34.0mm (with base)
Mounting hole pitch	60mm

Installation and Wiring

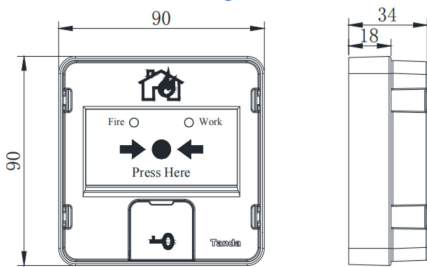


Fig. 1 Outline diagram of manual button

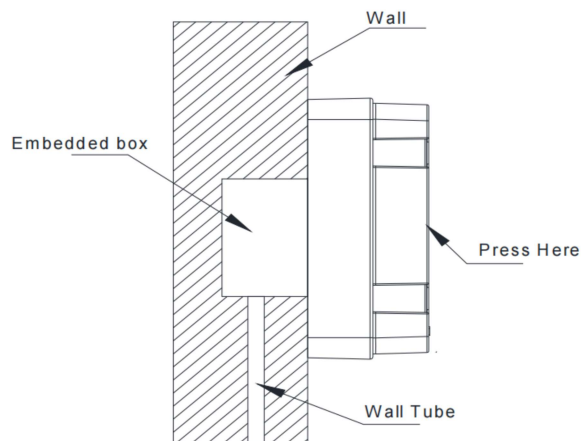


Fig. 2 Installation diagram of manual button

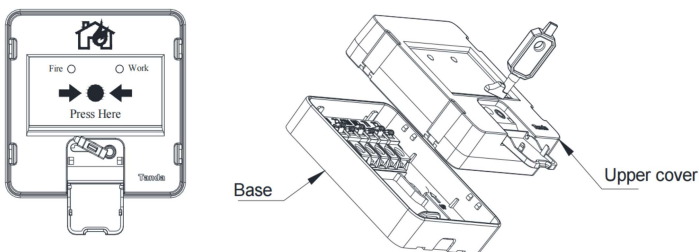


Fig. 3 Removing diagram of manual button



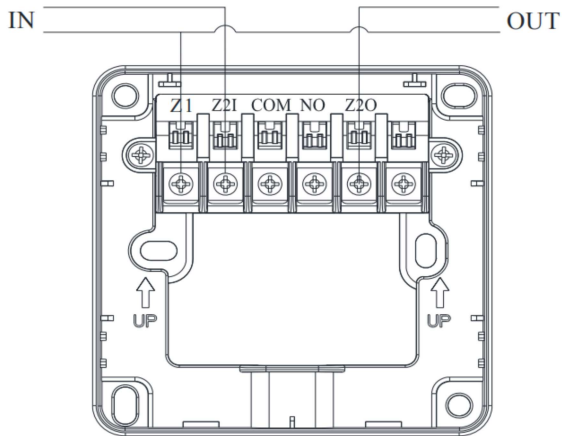


Fig. 4 Terminal description

Terminal Description

Z1 and Z2I: power supply input terminal, non-polarity.

Z1 and Z2O: cascade connection to the next equipment (no polarity) or connecting with 5.1K Ω terminal resistance.

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