

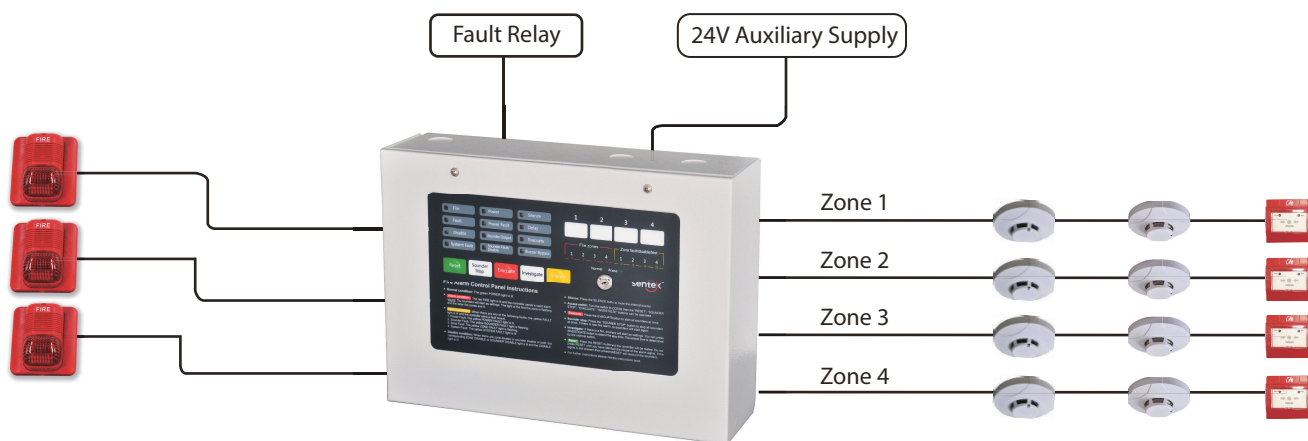


Safety is Sensor Technology

# CF800X

## conventional fire alarm control panel specification

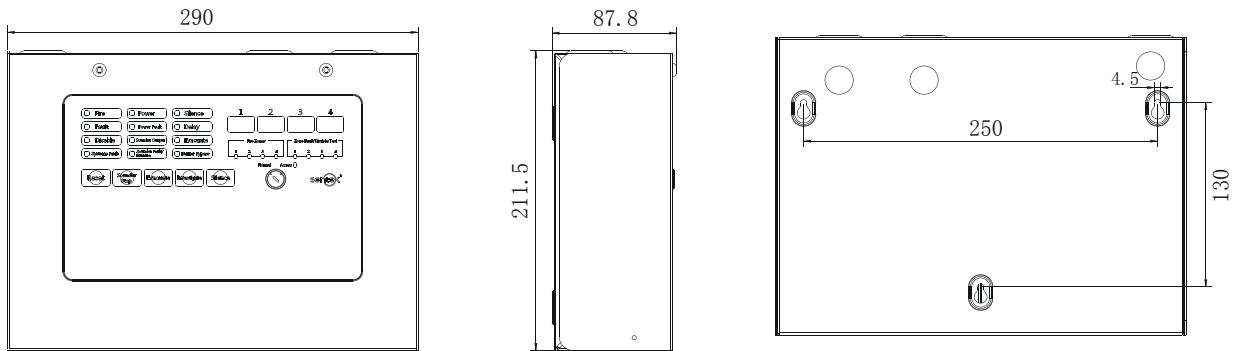
CF800X series conventional fire alarm control panel supports 1/2/4 zones and 3 groups of sounders. Each zone can connect up to 50 smoke detectors, heat detectors, manual call points, etc. All zones and sounders of the fire alarm system can be disabled. All input and output devices are monitored by the control panel, and the control panel will automatically disconnect when the zones or sounders are short. The control panel can provide 24VDC / 300mA power for products that require an additional 24V power supply. The detailed status indicators clearly show the working status of the control panel and provide the first fire alarm and subsequent fire alarm functions. After the control panel sends a fire alarm signal, it can provide up to 120 seconds delay time to confirm whether there is a real fire alarm. In addition, the control panel also provides the mains-lost silence function. After configure the mains-lost silence mode, the control panel will no longer send a fault signal to remind the user when the main power is lost.



## Features

- The CF800X panel is available on 1,2,4 zones.
- Each zone has a maximum capacity of 50 devices.
- It has 3 groups of sounders output circuits each capable of supplying 300mA.
- It has a 24V/300mA auxiliary supply.
- It has a set of fault relay contacts, rated at 0.5A SELV.
- It has the ability to disable any zone, any group of sounder.
- The panel will send a fault signal when there is zone short/open or sounder short/open.
- It has the ability to disconnect the zones and sounders automatically when there is zone short or sounder short. After the short is clear, the zones and sounders will recover.
- It has the sounder start/stop and delay facility (the delay time is 30-120 seconds in 30 seconds increments).
- It has the first fire alarm and subsequent fire alarm functions. The indicator of the first fire zone is flashing and the subsequent fire zone is lit.
- It has the mains-lost silence function. After configure the mains-lost silence function, the panel will not send the main power lost fault signal.

# Dimension and installation



## Technical Data:

**Main power:** AC220V± 15%,50Hz/ AC110V± 15%,60Hz

**Zone voltage:** 24V±2V

**Number of zones:** 1,2,4

**Zone and sounder end of line resistors:** 3.9KΩ,1W

**Zone monitoring current:** < 4.5mA

**Zone alarm current:** > 20mA

**Zone short current:** > 110mA

**Battery:** DC 24V (2 x 12V 3.3Ah)

**Sounder alarm output:** 3 x 300mA (max)/24VDC

**Auxiliary Supply:** 300mA/24V

**One set of fault relay contacts:** Rated at 0.5A SELV

**Humidity:** ≤95%RH

**Dimensions:** 290 x 87.5 x 211.5mm

**weight:** 2100g (without battery)

## Appearance



## Ordering Information

**CF800X** X: 1, 2, 4 Zones / eg. CF8001 1 Zone