

Please read the product manual before
installing and using the product!!



Product Manual

Model JB-QBL-A220E

Fire Alarm Control Panel
GB 4717-2005



CREATE A SAFE WORLD ENJOY A SMART LIFE



JB-QBL-A220E Fire Alarm Control Panel

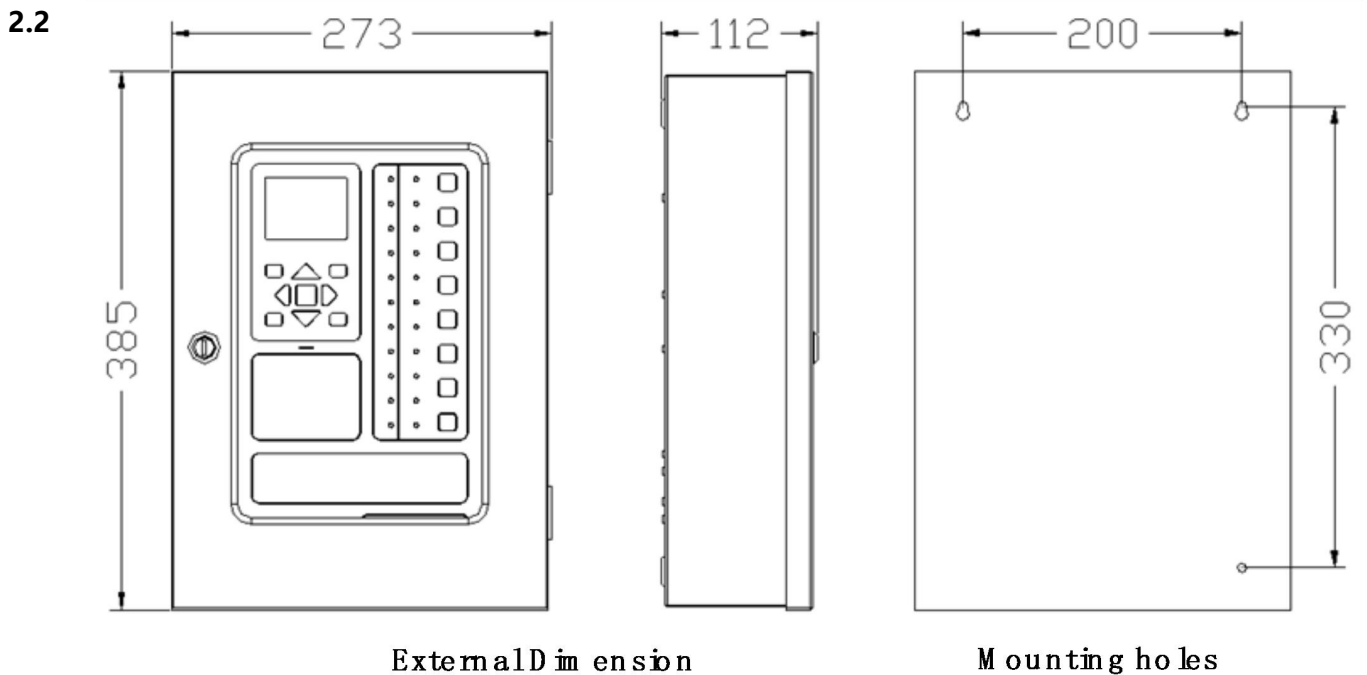
1 Overview

1.1 After opening the package boxes, check the goods one by one according to the packaging list :

1.2	Num	Name	Unit	Amount	Accessory bag contains 2A fuse, 3A fuse, a reset key for manual call point and other accessories.
	1	JB-QBL-A220E Control Panel	Set	1	
	2	Product Manual	Pcs	1	
	3	Accessory bag	Bag	1	

2 Product size

2.1 Unit: mm



3 Product introduction

3.1 JB-QBL-A220E type fire alarm control panel is a new generation of fire alarm controller launched by Shenzhen HTI Sanjiang Electronics Co., Ltd. This product is widely used in high-end office buildings, residential areas, department stores, stadiums, exhibition rooms, libraries, factories, supermarkets, hotels and other small and medium-sized fire projects.

4 Technical indices

- 4.1 Loop characterization: 1 LOOP, Up to 200 device addresses per loop
- 4.2 Mains Supply: AC 220V/50Hz (187V~242V); Maximum current 1A
- 4.3 Battery: Single maintenance-free DC24V battery DC 12V/2.8Ah;
- 4.4 Operating environment: Temperature: 0°C~+40°C Humidity: ≤ 95%, (40°C±2°C non condensing)
- 4.5 Compliance: GB 4717-2005 certified

5 Terminal Description

5.1

Mains

L

N

PE

L	Live Wire, Connect the power cord brown wire
N	Null wire, Connect the power cord blue wire
PE	Earth, Connect the yellow-green wire of the power cord

**Danger****Please cover the terminal cover and do not disassemble the power cord with electricity.****5.2**

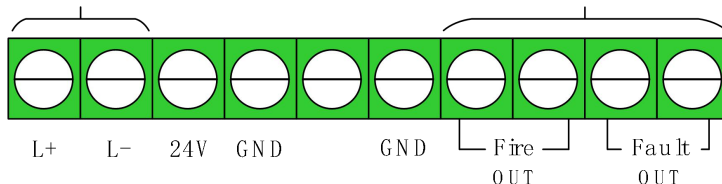
485A 485B CANH CANL

485A、485B	Reserve RS485 terminals can be connected to other 485 devices.
CANH、CANL	Can be connected to other penal for CAN networking.

**Caution****In CAN networking, the first and last CAN devices need to enable 120 Ω resistor.****5.3**

Two-wire loop

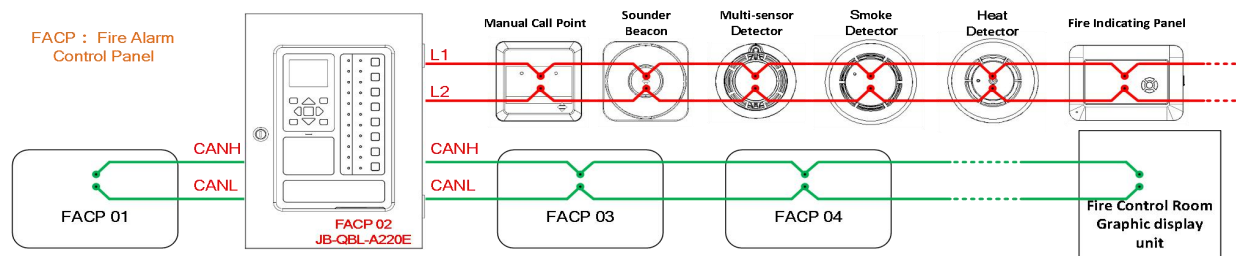
Voltage-free



L+, L-	Loop-bus terminals to communicate with detectors in loop.
24V、GND	power supply to external devices; maximum output current 0.5A
FIRE OUT	Selectable NO/NC; switching status at fire alarm; volt-free
FAULT OUT	Fault output terminal; selectable NO/NC; switching status at fault; volt-free

**Warning****Pay attention to the polarity instructions and do not short with other terminals.**

6 System wiring diagram

6.1**6.2****Caution**

- ❖ The CAN networking function of this product is an optional function;
- ❖ This product cannot be used as a host (#1) when CAN networking!

7 Precautions

- 7.1 Do not disassemble the device at will;
- 7.2 Do not place or install the device in a harsh environment such as strong magnetic field, high temperature, humidity, and dust;
- 7.3 Do not use the device beyond the rated power input;
- 7.4 Ensure that the protective PE ground cable of the power supply is properly connected to ensure low line impedance.



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