1~16 channels control panel
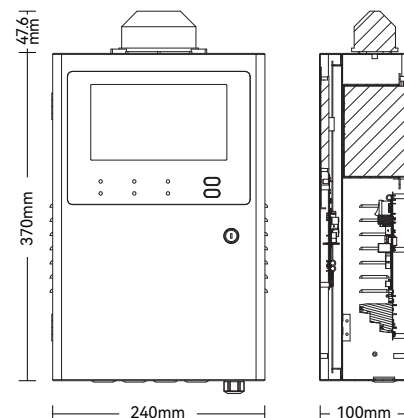
BH-KZ102

Combustible Gas Control Panel

SIL ⟨Ex⟩ FC RoHS CE

WARNING LIGHT
MODEL: LTE-5051
VOLTAGE: DC24V

CH1   EX   CH2   EX

0% LEL   **0%** LEL

NOMAL   ----   NOMAL   ----

Number:2   TotalAl:0   FirstAl:0
2024/08/15 16:23:19   TotalFa:0   Alarm CH:0   SET

● MAIN POWER   ● MUTE INDICATE ● ALARM   MUTE
● BACKUP POWER ● CHARGING   ● FAULT   RESET

Technical Parameters

Alarm Method:	Visual and Audible	Input Signal:	4-20mA ; RS485
Working Environment:	Temperature : 0℃~40℃ ; Humidity : ≤95%RH no dew.	Communication Protocol:	RS485 , Support MODBUS,Orena
Voltage Output:	DC24V ± 6V	Power Consumption:	≤ 25W
Relay Output:	4 relay outputs ; Capacitance : 10A/250VAC ; 10A30VDC	Communication Protocol:	RS485 , Support MODBUS , Orena
Display:	7inch touchscreen ; LED indicator	Weight Size:	About 7kg ; 370*240*100 (L*W*H)

47.6 mm

370mm

240mm   100mm

Combustible Gas Control Panel

The BH-KZ102 combustible gas control panel (hereinafter the control-ler)isdesigned for wallmounted installation and can connect to 4-20mA detectors, aswell as RS485 detectors powered by 24VDC. This system is designed to detectand monitor combustible gas concentrations on-site. When the gas level exceedsthe preset alarm setpoints, the relays will automatically activate. This activationwill trigger connected devices such as alarms and fans. Please note that thecontroller is not explosion-proof and must be installed in a safe area.

Wiring Rules

1~16 channels control panel

Three core cable

Detector 1   Detector 2   Detector 4   Detector ...

Inside the controller	24V+	24V−	Signal
Inside the detector	+24V	GND	S

1~16 channels control panel

Four core cable

Detector 1   Detector 2   Detector 4   Detector ...

Inside the controller	24V+	24V−	A1	B1
Inside the detector	+24V	GND	A	B

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