

Fire Alarm Control Panel



Characteristics

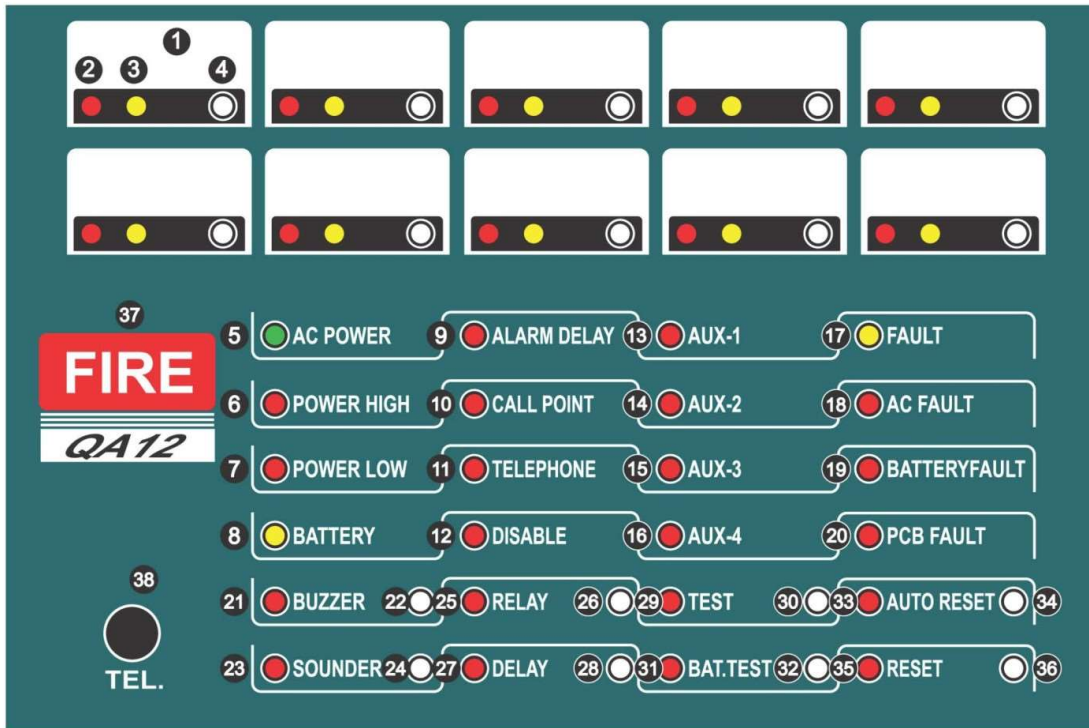
- Alarm verification up to 7 seconds for real fire confirmation and avoid false alarm form environment interference.
- Zone test mode to perform alarm and fault functional test.
- Each zone has a separate disable function.
- Fault indications for wire disconnection, unstable AC power, battery short circuit or disconnection and internal PCB unplug.
- 5-QA12 only 1 up to 5 zone detector
- QA12 could 10 up to 80 zone detector

Specification

Model	5-QA12	QA12
Power	220V AC, 50/60HZ *Others also available	
Battery Capacity	24V/4Ah	
Charging voltage & current	28VDC 100mA ~ 400mA	
Loop voltage & current	24VDC; short circuit under 5V	
External resistance	Max.50Ω	
# of heat detectors connected	30 / zone Except electronic - type (Horing Lih Product) 30 / zone Except Mechanical - type (Horing Lih Product)	
# of smoke detectors connected	30 / zone (Horing Lih Product)	
# of fire indicating lamp connected	# of zone x 1.5	
# of bell connected	# of zone x 1.5	
Relay output	Contact rating (24 VDC 3A)	
End of Line Resistor	10kΩ *One per zone	
Material	1.2 mm steel plate	
Color	Pearl gray *Others also available	
Dimensions (mm) H x W x D	5 zone : 320 x 250 x 100	10 zone : 450 x 330 x 130 20 zone : 550 x 330 x 130 30 zone : 680 x 380 x 150 40 / 50 zone : 950 x 420 x 150 60 ~ 80 zone : 1300 x 420 x 170

System Control and Indicator On Board

QA12



QA12 Indicators and Switches Description : 10 ~ 80 Zone Detector

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|--------------------------------|--------------------------|---------------------|-------------------------|
| ① Zone Label | ⑩ Call Point LED(Red) | ②② Buzzer Switch | ③① Batter Test LED(Red) |
| ② Zone Fire Indicator(Red) | ⑪ Telephone LED(Red) | ②③ Sounder LED(Red) | ③② Batter Test Switch |
| ③ Zone Fault Indicator(Yellow) | ⑫ Disable LED(Red) | ②④ Sounder Switch | ③③ Auto Reset LED(Red) |
| ④ Zone Switch | ⑬ ⑭ ⑮ ⑯ Aux-1~4 LED(Red) | ②⑤ Relay LED(Red) | ③④ Auto Reset Switch |
| ⑤ AC Power LED(Green) | ⑰ Fault LED(Yellow) | ②⑥ Relay Switch | ③⑤ Reset LED(Red) |
| ⑥ Power High LED(Red) | ⑱ AC Fault LED(Red) | ②⑦ Delay LED(Red) | ③⑥ Reset Switch |
| ⑦ Power Low LED(Red) | ⑲ Battery Fault LED(Red) | ②⑧ Delay Switch | ③⑦ FIRE Indicator |
| ⑧ Battery LED(Yellow) | ⑳ PCB Fault LED(Red) | ②⑨ Test LED(Red) | ③⑧ Telephone Jack |
| ⑨ Alarm Delay LED(Red) | ⑲ Buzzer LED(Red) | ③⑩ Test Switch | |