CONTENTS

QA16

Addressable Fire Alarm Control Panel

Characteristics

• Each loop can connect up to 250 addressable devices. Maximum networking are 32 loops and total addressable points are 8000.

• Large LCD screen (40 x 15 lines) allows more events to be displayed on the same screen.

• Loop device can be set up to be temporarily isolated.

• Individual loop module test feature to save time on panel test.

• On-board Self-test feature for simulating alarm output.

• Easy system programming through PC to panel.

• Events log can store up to 2030 events.

• Specification Optional thermal printer that can printout complete panel status.

QA series can be in single or 32 loops network configurations. This system is designed for all applications with advantages of easy installation, fast and precise detection and simple maintenance. Friendly HL Fire Tool software saves your time from programming. Reliable QA series definitely meets your demands for safety.

Specifications

Model	QA16
Power	220V AC 50/60Hz *Others also available
Battery Capacity	24V DC 4Ah
Charging Voltage, Current	26V DC 100~1000mA *With auto adjustment function
Zone Voltage, Current	26.5V DC 340mA
System Capacity	250 devices/1 loop *Expandable for site requirement
Exterior Resistance	Round-trip under 40Ω
Transmitting Method	Digital series transmitting
Accumulation Time	0~40 seconds *Other options available
Main Sound	85dB @1M
Material	1.6mm steel plate
Color	Pearl gray
Dimensions (mm) H x W x D	1~4 loop: 400 x 500 x 130 5~8 loop: 600 x 500 x 150

CE

QA01/QA05/QA06

Addressable Detectors

QA01
Addressable Photoelectric
Smoke Detector

QA05
Addressable Combination
Smoke & Heat Detector

QA06
Addressable Heat Detector

Characteristics

• Address coding by dip switch makes the job easier.

• Latching function helps to identify alarm device clearly and quickly.

• Magnetic test feature makes maintenance easy and simple.

• Non-loosening screws on base terminal for easy installation.

• Detector is made of high endurance, solid and colorfast Fire-proof plastic.

• Detector has passed strict EMC test, which greatly eliminates false alarms caused by interference from nearby sources.

• Dual LEDs for 360-degree visibility.

Specifications

Model	QA01	QA05	QA06
Address Coding	Binary		
Alarm Current	DC26V 6mA		
Standby Current	DC26V 850µA		
Sensitivity Setting	Comply to EN54		
Ambient Temperature	0°C ~ +50°C		
Material	Fire-proof plastic		
Color	White		
Thermal Setting	N/A	58°C	58°C
Dimensions(mm)	102(Dia.) x 48(H)	102(Dia.) x 54(H)	102(Dia.) x 46(H)
Weight	130g	130g	115g

CE

Module Series

Addressable Fire Alarm Systems
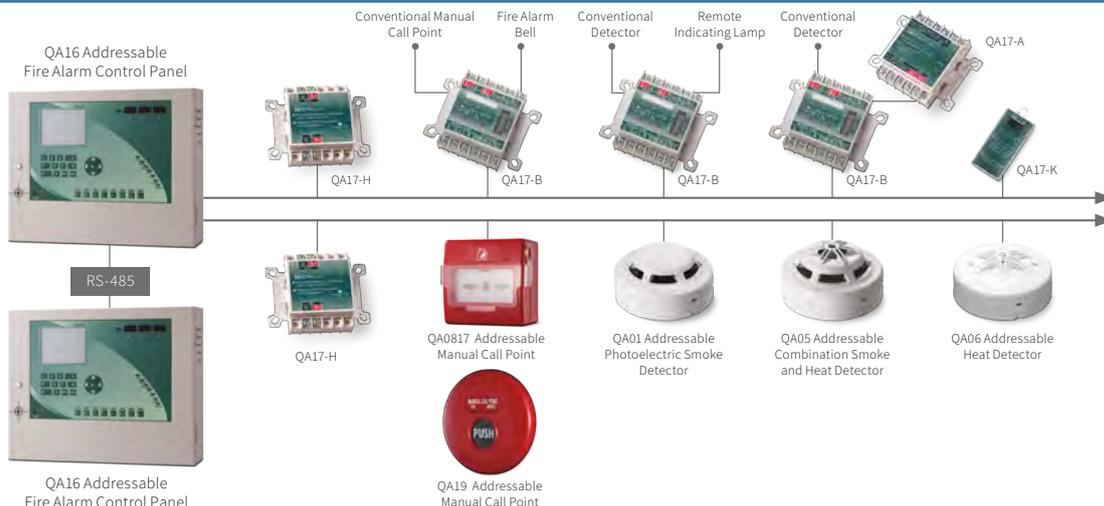

QA17-A QA17-B QA17-H QA17-K
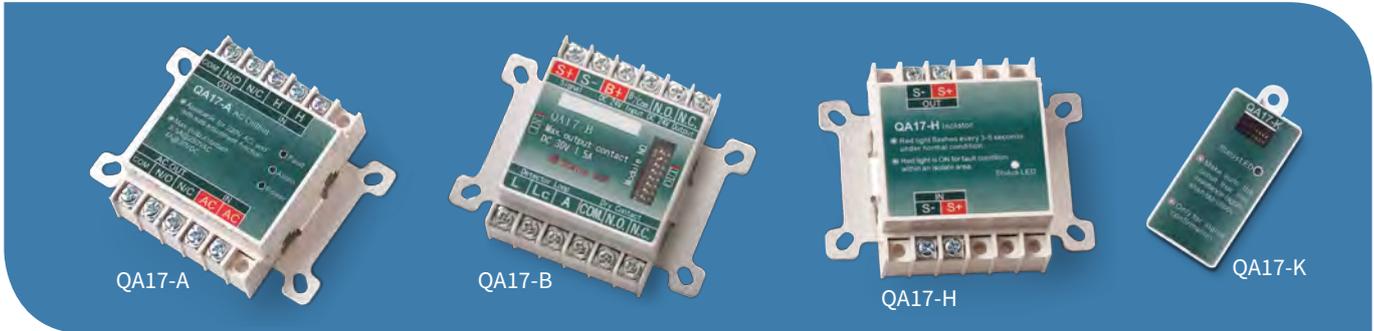
Characteristics

- Low power consumption in monitoring mode, high stability.

- Easy installation, either single module installation or several modules installed on a special mounting bar. Implanted type gang box is available to suit the decoration design.

- The Module is designed with separate input and output contacts to decrease the difficulty of moving external wiring.

- Control Module QA17-B is designed to control input & output for all kinds of systems. (fire alarm, smoke evacuation, sprinkler, foam , winding door...etc.)

- Output module QA17-A can directly connect with power source. The output voltage from N.O. & N.C. will be the same as input voltage.

- Monitor module QA17-K is designed to monitor security condition, such as water supply, pump action ...etc.

Specifications

Model	QA17-A	QA17-B	QA17-H	QA17-K
Type	Output Module	Control Module	Isolator Module	Monitor Module
Purpose	Supply higher current such as evacuation	Input & Output for all systems	Isolate from control unit when external fault	Confirmation of external signal
System Connected	Series with QA17-B	Series with conventional detector	Series with all system zone	Receive activation signal from external device
Input Source	24VDC / 110VAC / 220VAC	Loop signal	Zone short circuit	Activation signal
Output Contacts/Load	COM. N.O. N.C. 4A @30VDC, 2.5A @ 250VAC	1 in 2 out COM. N.O. N.C. 1.5A @30V DC	N/A	N/A
EOL Resistor	N/A	10kΩ	N/A	10kΩ
Address Coding	N/A	Binary	N/A	Binary
Dimensions (mm) H x W x D	60 x 76 x 31			55 x 27 x 16
Ambient Temp.	0°C ~ +50°C			
Material	Fire-proof plastic			
Color	Green			

QA Series Addressable Fire Alarm System Configuration

Conventional Manual Call Point
Fire Alarm Bell
Conventional Detector
Remote Indicating Lamp
Conventional Detector

QA17-A

QA16 Addressable Fire Alarm Control Panel

QA17-H QA17-B QA17-B QA17-B QA17-K

RS-485

QA17-H

QA0817 Addressable Manual Call Point

QA01 Addressable Photoelectric Smoke Detector

QA05 Addressable Combination Smoke and Heat Detector

QA06 Addressable Heat Detector

QA16 Addressable Fire Alarm Control Panel

QA19 Addressable Manual Call Point

CE

Accessories

Addressable Fire Alarm

QA19

TBR9-S

TBR9-BSR
TBR9-BSW

QA0817

Specifications

| Model	QA19	QA0817	TBR9-S	TBR9-BSR	TBR9-BSW
Commodity	Resettable Manual Call Point		Electronic Sounder	Electronic Sounder and Beacon (Red LED)	Electronic Sounder and Beacon (White LED)
Alarm Current	6mA		Under 8mA		
Type/Purpose	Addressable type binary coding / Signal will directly sent to panel				
Input Source	Zone signal				
Operating Voltage	26V DC				
Standby Current	850µA				
Material	Fire-proof plastic				
Color	Red				
Sound Output	N/A		90 ±4 dB(A) at 1 meter 24V DC		
Sounder Output	N/A		2.3~3.4KHz, 1.8Hz (ON 0.05S/OFF 0.5S)		
LED Flash Rate	N/A		N/A	1.3Hz (ON 0.003S/OFF0.7S)	
Ambient Temperature	0°C ~ +50°C		-20°C ~ +50°C		
Ingress Protection	N/A	IP33	IP65		
Dimensions(mm)	140(Dia.) x 45(H)	87.5(H) x 87.5(W) x 54(D)	92(Dia) x 103(H)	92(Dia) x 119.4(H)	

CE

EDB01

Reflective Beam Smoke Detector

Operating Principle

The reflective beam smoke detector is a single unit comprising a transmitter and a receiver. The transmitter projects a cone shaped beam of modulated infra-red light to prisms. An alarm condition will be determined when the signal is analyzed to reach up to the settings of retention of smoke. In addition, the system is designed to be wall-mounted so that the beam will project approximately 0.3m to 0.6m below and parallel to the ceiling and the maximum lateral range is 7.5m either side of the beam. The distance between detector and the prism should be within 100m.

Features

• The detection level can be set to 18%, 25%, 35%, and 50% to suit different environments.
• Lower current consumption.
• Easy installation & Low potential voltage
• Self-alignment & Automatic contamination compensation.
• Laser-aid alignment.
• Smartphone / Tablet applications display enabled (with blue-tooth module options).
• Application Locations: Warehouses, Factory halls, Departments Stores, Activity Centers, Churches, Museums, Electric Power Stations and Industrial Sites.
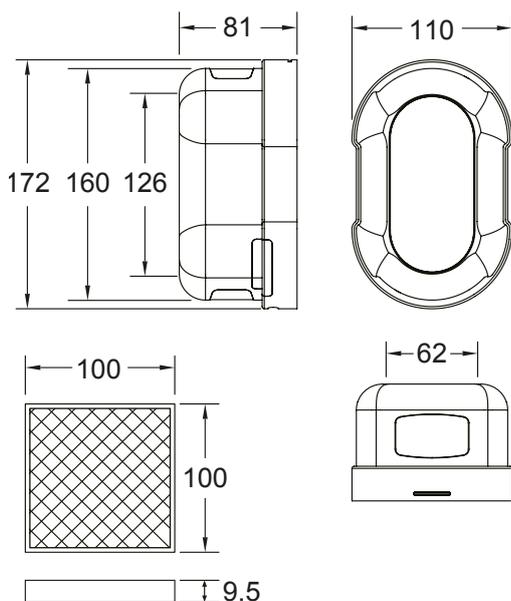
Specifications

Model	EDB01
Operating Voltage	12-30V DC
Standby Current	3~20mA
Alarm Current	20~40mA
Alarm Output	COM/NO (1A @30V DC)
Fault Output	COM/NC (1A @30V DC)
Sensitivity	18%(0.79-0.96dB), 25%(1.25dB), 35%(1.87dB), 50%(2.43-3.16dB)
Operating Range	10m to 50m use one prism 50m to 100m use four prisms
Angular Tolerance	Detector: ±0.5° / Prism: ±5.0°
Ambient Temperature	-10°C ~ +55°C
Material	ABS Plastic
Color	White
Weight	350g (Detector)

81
110
172 160 126
100
100
62
9.5

EN54   LPCB 506h/01   CE 0832

10M~100M

Prism

Detector

1.2mm x 4 (B+.B-, L.Lc)

FACP
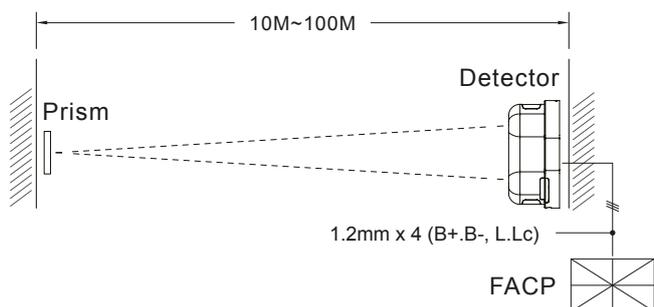
Q01

Photoelectric Smoke Detector

Characteristics

- The standard detector is 2-wire or 3-wire. For 4-wire type just add one relay output module on 3-wire base. Simple and easy module placement enables wider application and flexible stock control.
- Detector is made of high endurance, solid and colorfast Fire-proof plastic.
- Non-loosening screws on base terminal for easy installation.
- Detector has passed strict EMC test, which greatly eliminates false alarms caused by interference from nearby sources.
- Dual LEDs for 360-degree visibility. Bi-color LED, Stand-by Status: Green; Alarm Status: Red.

Specifications

Model	Q01-2	Q01-3	Q01-4
Alarm Contact	N/A	N/A	0.8A @30V DC 0.4A @125V AC
Voltage Range	12 ~ 30V DC		
Alarm Current @24V DC 470Ω	40mA	40mA	45mA
Standby Current @24V DC 470Ω	under 75µA		
Sensitivity Setting	Comply to EN54		
Ambient Temperature	-10°C ~ +55°C		
Material	Fire-proof plastic		
Dimensions	102mm(Dia.) x 48mm(H)		
Weight	130g	130g	145g
Color	White		

Effective alert area

Building Height	Area Covered
Under 4M	150 M^2
4 ~ 20M	75 M^2

Order information

Q01-2	2-wire
Q01-3	3-wire with remote indicator output
Q01-4	4-wire with relay output

48 mm

102 mm
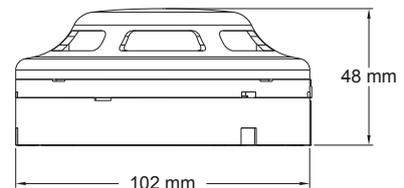
EN54 LPCB CE
506a/05/06/07 0832

Q05

Combination Smoke and Heat Detector

Characteristics

- The standard detector is 2-wire or 3-wire. For 4-wire type just add one relay output module on 3-wire base. Simple and easy module placement enables wider application and flexible stock control.
- Detector is made of high endurance, solid and colorfast Fire-proof plastic.
- Non-loosening screws on base terminal for easy installation.
- Detector has passed strict EMC test, which greatly eliminates false alarms caused by interference from nearby sources.
- Dual LEDs for 360-degree visibility. Bi-color LED, Stand-by Status: Green; Alarm Status: Red.
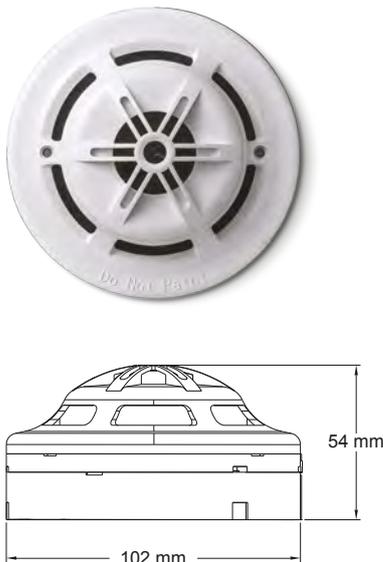
Specifications

Model	Q05-2	Q05-3	Q05-4
Alarm Contact	N/A	N/A	0.8A @30V DC 0.4A @125V AC
Voltage Range	12 ~ 30V DC		
Alarm Current @24V DC 470Ω	40mA	40mA	45mA
Standby Current @24V DC 470Ω	under 85µA		
Sensitivity Setting	Comply to EN54		
Thermal Setting	58°C		
Ambient Temperature	-10°C ~ +55°C		
Material	Fire-proof plastic		
Dimensions	102mm(Dia.) x 54mm(H)		
Weight	130g	130g	145g
Color	White		

Effective alert area

Building Height	Area Covered
Under 4M	150 M^2
4 ~ 20M	75 M^2

Order information

Q05-2	2-wire
Q05-3	3-wire with remote indicator output
Q05-4	4-wire with relay output

54 mm

102 mm

EN54

LPCB

CE

506b/04/05/06   0832

Q06

Heat Detector

Characteristics

- The standard detector is 2-wire or 3-wire. For 4-wire type just add one relay output module on 3-wire base. Simple and easy module placement enables wider application and flexible stock control.
- Detector is made of high endurance, solid and colorfast Fire-proof plastic.
- Non-loosening screws on base terminal for easy installation.
- Detector has passed strict EMC test, which greatly eliminates false alarms caused by interference from nearby sources.
- Dual LEDs for 360-degree visibility. Bi-color LED, Stand-by Status: Green; Alarm Status: Red.

Specifications

Model	Q06-2	Q06-3	Q06-4
Alarm Contact	N/A	N/A	0.8A @30V DC 0.4A @125V AC
Voltage Range	12 ~ 30V DC		
Alarm Current @24V DC 470Ω	40mA	40mA	45mA
Standby Current @24V DC 470Ω	under 95µA		
Thermal Setting	58°C		
Ambient Temperature	-10°C ~ +55°C		
Material	Fire-proof plastic		
Dimensions	102mm(Dia.) x 46mm(H)		
Weight	115g	115g	130g
Color	White		

Effective alert area

Construction/Height	Under 4M	4M ~ 8M
Fire-proof Building	90 M^2	45 M^2
Ordinary Building	50 M^2	30 M^2

Order information

Q06-2	2-wire
Q06-3	3-wire with remote indicator output
Q06-4	4-wire with relay output

46 mm

102 mm

EN54   LPCB   CE
506c/04/05/06   0832

8011

Photoelectric Smoke Detector

Characteristics

- The standard detector is 2-wire or 3-wire. For 4-wire type just add one relay output module on 3-wire base. Simple and easy module placement enables wider application and flexible stock control.

- Detector is made of high endurance, solid and colorfast Fire-proof plastic.

- Non-loosening screws on base terminal for easy installation.

- Detector has passed strict EMC test, which greatly eliminates false alarms caused by interference from nearby sources.

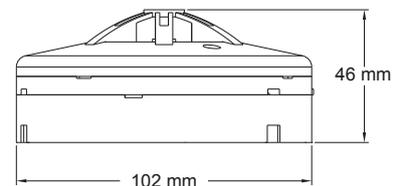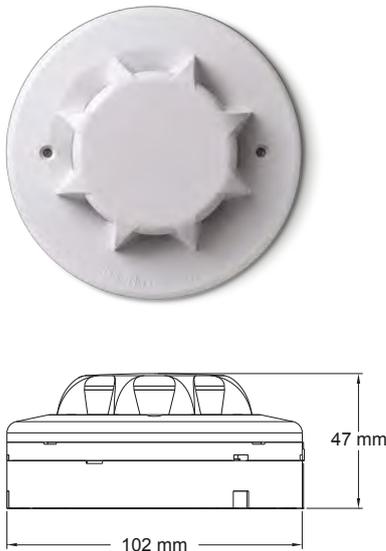- Dual LEDs for 360-degree visibility. Bi-color LED, Stand-by Status: Green; Alarm Status: Red.

47 mm

102 mm

CE

Specifications

Model	8011-2	8011-3	8011-4
Alarm Contact	N/A	N/A	0.8A @30V DC 0.4A @125V AC
Voltage Range	12 ~ 30V DC		
Alarm Current @24V DC 470Ω	40mA	40mA	45mA
Standby Current @24V DC 470Ω	25 ~ 75µA		
Sensitivity Setting	Comply to EN54		
Ambient Temperature	-10°C ~ +55°C		
Material	Fire-proof plastic		
Dimensions	102mm(Dia.) x 47mm(H)		
Weight	130g	130g	145g
Color	White		

Effective alert area

Building Height	Area Covered
Under 4M	150 M^2
4 ~ 20M	75 M^2

Order information

8011-2	2-wire
8011-3	3-wire with remote indicator output
8011-4	4-wire with relay output
8011-2M	2-wire + magnetic test feature
8011-3M	3-wire with remote indicator output + magnetic test feature
8011-4M	4-wire with relay output + magnetic test feature

AH-0715

Combination Smoke and Heat Detector

Characteristics

• Magnetic test feature makes maintenance easy and simple.

• Twin-color LED display enables viewer to easily identify the current status of detector.

• The standard detector is 2-wire or 3-wire. For 4-wire type just add one relay output module on 3-wire base. Simple and easy module placement enables wider application and flexible stock control.

• Detector is made of high endurance, solid and colorfast Fire-proof plastic.

• Non-loosening screws on base terminal for easy installation.

• Detector has passed strict EMC test, which greatly eliminates false alarms caused by interference from nearby sources.

Specifications

Model	AH-0715-2	AH-0715-3	AH-0715-4
Alarm Contact	N/A	N/A	0.8A @30V DC 0.4A @125V AC
Voltage Range	12 ~ 30V DC		
Alarm Current @24V DC 470Ω	40mA	40mA	45mA
Standby Current @24V DC 470Ω	35 ~ 85μA		
Sensitivity Setting	Comply to EN54		
Thermal Setting	58°C		
Ambient Temperature	-10°C ~ +55°C		
Material	Fire-proof plastic		
Dimensions	102mm(Dia.) x 54mm(H)		
Weight	130g	130g	145g
Color	White		

Effective alert area

Building Height	Area Covered
Under 4M	150 M^2
4 ~ 20M	75 M^2

Order information

|	
AH-0715-2	2-wire
AH-0715-3	3-wire with remote indicator output
AH-0715-4	4-wire with relay output
AH-0715-2M	2-wire + magnetic test feature
AH-0715-3M	3-wire with remote indicator output + magnetic test feature
AH-0715-4M	4-wire with relay output + magnetic test feature

54 mm

102 mm

CE
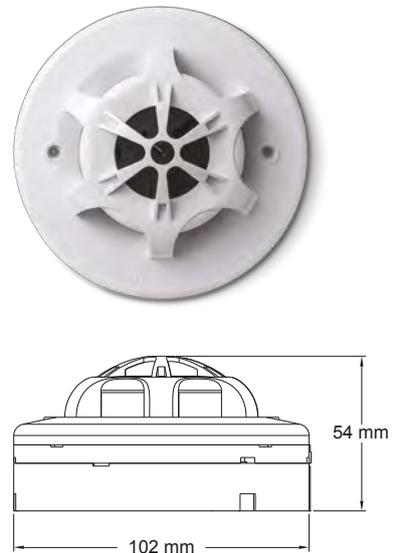
8016

Heat Detector

Characteristics

- Magnetic test feature makes maintenance easy and simple.
- The standard detector is 2-wire or 3-wire. For 4-wire type just add one relay output module on 3-wire base. Simple and easy module placement enables wider application and flexible stock control.
- Detector is made of high endurance, solid and colorfast Fire-proof plastic.
- Non-loosening screws on base terminal for easy installation.
- Detector has passed strict EMC test, which greatly eliminates false alarms caused by interference from nearby sources.
- Dual LEDs for 360-degree visibility.

45 mm

102 mm

CE
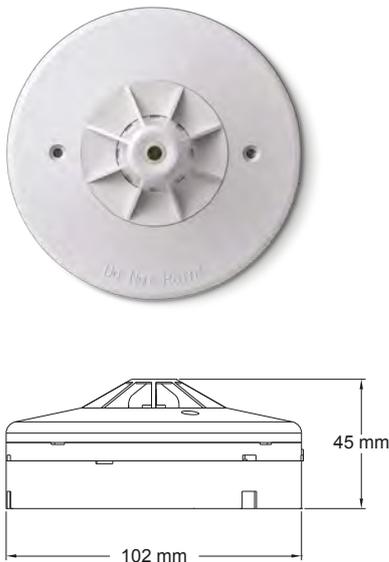
Specifications

Model	8016-2	8016-3	8016-4
Alarm Contact	N/A	N/A	0.8A @30V DC 0.4A @125V AC
Voltage Range	12 ~ 30V DC		
Alarm Current @24V DC 470Ω	40mA	40mA	45mA
Standby Current @24V DC 470Ω	20 ~ 90μA		
Thermal Setting	58°C		
Ambient Temperature	-10°C ~ +55°C		
Material	Fire-proof plastic		
Dimensions	102mm(Dia.) x 45mm(H)		
Weight	115g	115g	130g
Color	White		

Effective alert area

Construction/Height	Under 4M	4 ~ 8M
Fire-proof Building	90 M^2	45 M^2
Ordinary Building	50 M^2	30 M^2

Order information

8016-2	2-wire
8016-3	3-wire with remote indicator output
8016-4	4-wire with relay output
8016-2M	2-wire + magnetic test feature
8016-3M	3-wire with remote indicator output + magnetic test feature
8016-4M	4-wire with relay output + magnetic test feature

AH-0933

Mechanical Rate of
Rise Heat Detector

Characteristics

• Detector is made of high endurance, solid and colorfast Fire-proof plastic.

• Non-loosening screws on base terminal for easy installation.

• The unit is completely sealed; its function is not affected by humidity, dust or insects.

• This detector has passed strict quality control and repetitive testing, hence its quality is stable and highly reliable.

Specifications

Model	AH-0933
Type	2-wire
Voltage Range	12 ~ 30V DC
Alarm Current @24V DC 470Ω	40mA
Alarm Temperature	Comply to EN54
Ambient Temperature	0°C ~ +55°C
Material	Fire-proof plastic
Dimensions	102mm(Dia.) x 46mm(H)
Weight	About 130g
Color	White

Effective alert area

Construction/Height	Under 4M	4M ~ 8M
Fire-proof Building	90 M^2	45 M^2
Ordinary Building	50 M^2	30 M^2

46mm

102mm

CE
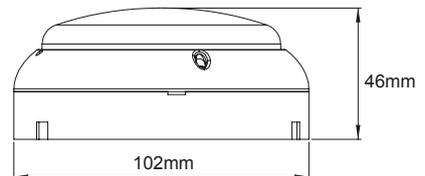
IR-0714/IR-0814

IR Flame Detector

IR-0814

IR-0714

Characteristics

- Built-in high performance Microprocessor that able to analysis flame signal more accuracy.
- IR sensor has better detection range than UV sensor.
- High immunity to sunlight or other noisy source.

Applications

- Premises with higher ceilings: theater, gym, storage, gallery or warehouse, etc.
- Places where fires happen easily: places storing with combustible goods, gas stations, factory working places, machine rooms, etc.
- Ventilate places: open markets, station platforms, hotel lobbies, department stores, etc. (places that smoke and heat can not gather during early period of fire)
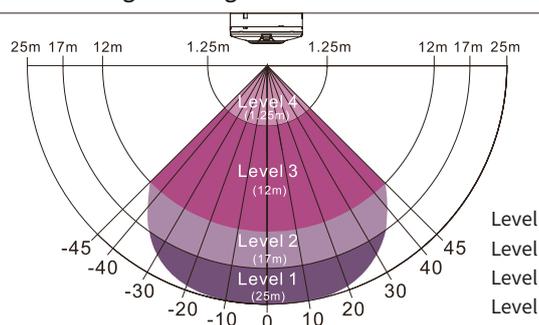- Others: tunnels, computer rooms, etc.

Specifications:

Model	IR-0714-2	IR-0714-3	IR-0714-4	IR-0814-2	IR-0814-3	IR-0814-4
Type	2-wire	3-wire	4-wire	2-wire	3-wire	4-wire
Alarm Contact	N/A	N/A	0.8A @ 30V DC 0.4A @125V AC	N/A	N/A	0.8A @ 30V DC 0.4A @125V AC
Sensor Type	Single IR			Dual IR		
Wavelength	4.35μm			4.35μm 3.40μm		
Standby Current @24V DC 470Ω	under 200μA			under 250μA		
Voltage Range	12V~30V DC					
Alarm Current @24V DC 470Ω	35mA					
Ambient Temperature	-10°C+55°C					
Material	Fire-proof plastic					
Dimensions	102 mm (Dia.) × 38 mm (H)					
Weight	130g	130g	145g	130g	130g	145g
Color	White					

Installation Instructions

1. Do not install detector that has fire source nearby.
2. Detection range and angle please refer to diagram as below.

EN54   LPCB
506g/01/02   CE 0832

Detection range and angle:

Level 1 : 25m = ±15°
Level 2: 17m = ±35°
Level 3: 12m = ± 45°
Level 4: 1.25m = ±45°

AH-9315

Combination Smoke
and Heat Detector

Characteristics

• Multi-purpose Design: when there is smoke or heat during pre-fire period, field situation will vary due to different environments. This combination design is to ensure that the pre-fire confirmation will not be affected by varying environments.

• Smoke gate has a special design to obscure the strong light effectively and allow smoke to come in easily. Water vapor will not gather on the insect guard screen to cause a false alarm.

• Features an accumulated water discharger to eliminate leakage of water from the water pipes or ceiling which may leak into the detector and cause a false alarm.

• This detector has passed strict quality control and repetitive testing, hence its quality is stable and highly reliable.

Specifications

Model	AH-9315		
Type	2-wire	3-wire	4-wire
Alarm Contact	N/A	N/A	0.8A @30V DC 0.4A @125V AC
Voltage Range	12 ~ 30V DC		
Alarm Current @24V DC 470Ω	40mA	40mA	35mA
Standby Current @24V DC 470Ω	20 ~ 85µA (Loop response under 75µA)		
Sensitivity Setting	Comply to EN54		
Thermal Setting	55℃		
Ambient Temperature	-10℃ ~ +55℃		
Material	Fire-proof plastic		
Dimensions	111mm(Dia.) x 50mm(H)		
Weight	About 170g		
Color	White		

Effective alert area

| Building Height	Area Covered
Under 4M	150 M^2
4 ~ 20M	75 M^2

50 mm

111 mm

C E
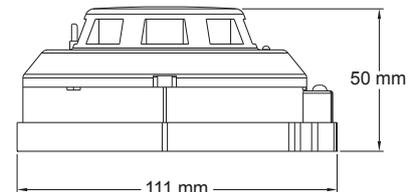
AHR-871

Mechanical Rate of Rise Heat Detector

Characteristics

- Heat-sensing diaphragm can operate for unlimited number of times and is not affected by room temperature. The conducting parts use gold coating to avoid oxidation.

- Uses alloy air equalizer to avoid humidity and stabilize the ventilation function. Alloy itself has many micro-holes that can expel non-fire heat to avoid false alarms.

- The unit is completely sealed; its function is not affected by humidity, dust or insects.

- This detector has passed strict quality control through automatic repetitive testing and been calibrated automatically under stable temperature and humidity conditions. Thus, quality and reliability are consistent from the first detector produced to millionth.
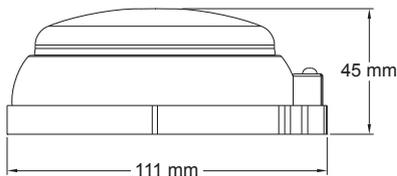
Specifications

Model	AHR-871		
Type	2-wire	3-wire	4-wire
Alarm Contact	N/A	N/A	0.8A @30V DC 0.4A @125V AC
Voltage Range	12 ~ 30V DC		
Alarm Current @24V DC 470Ω	40mA	40mA	35mA
Alarm Temperature	Comply to EN54		
Ambient Temperature	0°C ~ +55°C		
Material	Fire-proof plastic		
Dimensions	111mm(Dia.) x 45mm(H)		
Weight	About 130g		
Color	White		

Effective alert area

Construction/Height	Under 4M	4M ~ 8M
Fire-proof Building	90 M^2	45 M^2
Ordinary Building	50 M^2	30 M^2

45 mm

111 mm

CE

AH-9920

## Mechanical Fixed Temperature Heat Detector

Characteristics

• This detector operates on the temperature differential sensing principle, with a UL approved sensor making mechanical contact. It is made of high quality material, providing excellent contact despite any environmental interference.

• This detector is suitable for locations with high temperatures differentials, such as places (kitchen, restaurant and boiler house) where there is constant use of heat.

• This detector has passed strict quality control and repetitive testing; hence its quality is durable and highly reliable.

• Through its professional design, the heat collector can accelerate its response rate after being heated, and has a protective device to avoid accidental response caused by distortion, bumping and dropping in order to increase the reliable product.

• The unit is completely sealed; its function is not affected by humidity, dust or insects.

Specifications

Model	AH-9920		
Type	2-wire	3-wire	4-wire
Alarm Contact	N/A	N/A	0.8A @30V DC 0.4A @125V AC
Thermal Setting	70°C or other selections		
Voltage Range	12 ~ 30V DC		
Alarm Current @24V DC 470Ω	40mA	40mA	35mA
Alarm Temperature	Comply to EN54		
Ambient Temperature	-10°C ~ +55°C		
Material	Fire-proof plastic		
Dimensions	111mm(Dia.) x 47mm(H)		
Weight	About 100g		
Color	White		

Effective alert area

Construction/Height	Under 4M	4M ~ 8M
Fire-proof Building	60 M^2	30 M^2
Ordinary Building	30 M^2	15 M^2

47 mm

111 mm

CE
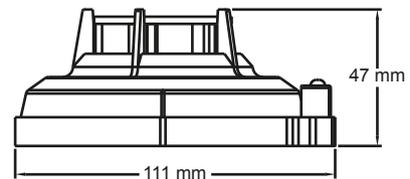
AH-0014

Flame Detector

Description

The detector has wide-angle sensitivity that can reliably and quickly detect weak ultraviolet radiations emitted by flame.

It will not react to room illuminations, infrared or other light sources unrelated to real fire.

Applications

• Premises with higher ceilings: theater, gym, storage, gallery or warehouse, etc.

• Places where fires happen easily: places storing with combustible goods, gas stations, factory working places, machine rooms, etc.

• Ventilate places: open markets, station platforms, hotel lobbies, department stores, etc. (places that smoke and heat can not gather during early period of fire)

• Others: tunnels, computer rooms, etc.

Installation Instructions

1. Install at obstruction-free places.

2. Avoid installing near mercury lamps, halogen lamps and sterilization lamps.

3. Avoid installing within sensitive range of welding sparks and radiation.

Specifications

Model	AH-0014		
Type	2-wire	3-wire	4-wire
Alarm Contact	N/A	N/A	0.8A @30V DC 0.4A @125V AC
Voltage Range	12 ~ 30V DC		
Alarm Current @24V DC 470Ω	40mA	40mA	35mA
Standby Current @24V DC 470Ω	under 100µA		
Sensor Type	Ultraviolet		
Sensitivity Angle	120°		
Sensitivity Range	It can detect flame of 15mm at distance of 3m		
Ambient Temperature	-10°C ~ +55°C		
Material	Fire-proof plastic		
Dimensions	111mm(Dia.) x 47mm(H)		
Weight	About 170g		
Color	White		

47 mm

111 mm

CE