TECHNICAL BULLETIN

Model : QA Series Addressable Detectors
Specifications :

Model	QA01	QA05	QA06
Operating Voltage	12 ~ 30V DC		
Standby Current	850μA @24V DC		
Alarm Current	6mA @24V DC		
Thermal Setting	NA	58°C	58°C
Ambient Temperature	0°C ~ +50°C		

MAINTENANCE :

- Attach dust-cover to the detector during the work in the building to prevent the invasion of dust or paint and malfunction of detector.
- During the scheduled maintenance, use the testing device to check the detector whether or not it is in good shape. (Use the SMOKE TESTER spread to the detector, or magnetic test device, and it should alarm within 5 seconds. If not, return the detector to factory for service.)
- When the repair is needed, please return the defect device to manufacturer.

SERVICING TESTS :

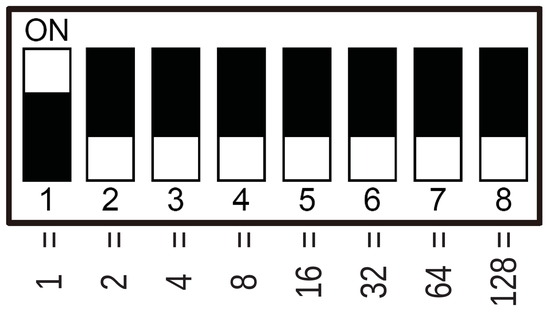
- Check the detector head and base whether or not they are well conducted.
  If fault alarm happened regularly, check the environment for effective factors such as smoke or other heat sources.
- Malfunctioned circuit could not be fixed if it is caused by water leaking.
- If detector has no response all the time, it might be the burning of PCB, low sensitivity or decay of detector. Defective detector should be sent back to the manu−facturer for repairing and calibration.
- If the identification LED does not lit while detector is operating, the LED or PCB might be burned and both of them need to be fixed in the factory.

INSTALLATION INSTRUCTIONS

AVOID THESE LOCATIONS
Do Not Locate Your Detector in :

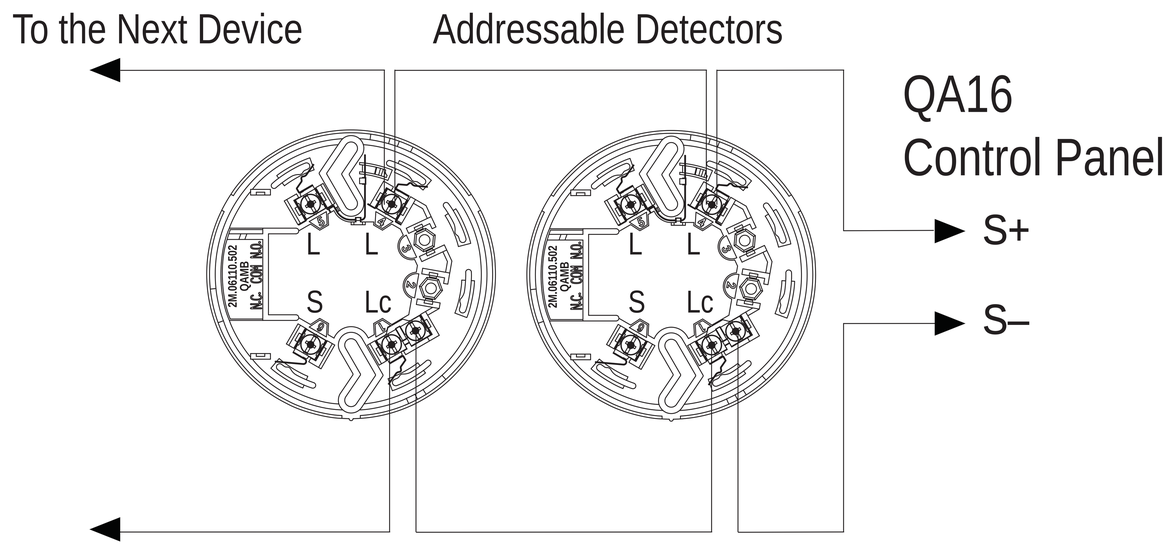
- Front of forced air ducts used for heating and air conditioning and other higher air flow area.
- Height of installation surface is more than 20 meters.
- Dusty area.
- Areas where temperature may fall below 40°F or rise above 100°F.
- Near electrical lights. "WARNING" - Connect Detector Only To Control Unit Initiating Device Circuit As Specified In Detector Or Control Unit Literature Or System May Not Operate.

Addressable Point Number Setting (Binary code)



Example : Device No.1

"ON" position is "1" and numeric is "0" . For example, the first device number is 10000000, the second device is 01000000 and so on.

Ex: (1) Address 12 : 00110000
(2) Address 150 : 01101001
(3) Address 250 : 01011111

Wiring Diagram