

DESCRIPTION

The IQ651H is an intelligent Heat Detector with both fixed-temperature alarm and rate-of-rise alarm characters (Temperature 135°F/57°C) is a UL listed device according to UL 521 for Fire Protective signalling Systems for indoor use and FM. It features a slim design that combines visual appeal with a high standard of reliability. The detector has a Micro controller Unit (MCU) performing comprehensive self-diagnostic tests, and result analysis. The IQ651H is intelligent, addressable, and takes one address on the signalling Line Circuit (SLC) of the fire alarm control panel.

⚠ ATTENTION

Products must be installed per the National Fire Alarm Code, NFPA 72, and National Electrical Code, depending on the country of the installation. Check the information on equipment used in the system from other manufacturers for instructions and restrictions. The detector should never be installed in the following places: where there is a lot of exhaust gas, kitchens, near fireplaces, boilers, etc. Smoke detectors should not be used with detector guards unless the suit has been evaluated and approved for this case.

NOTE

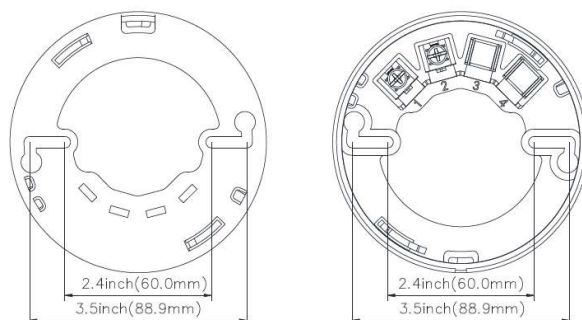
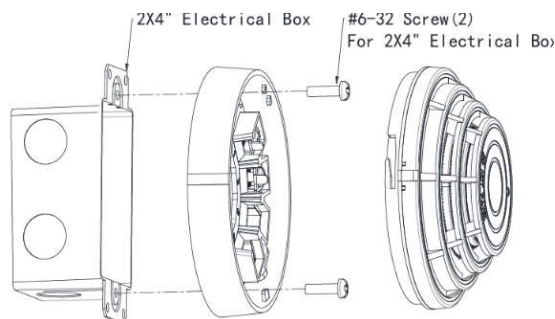
Do not paint this unit. Any material extrapolated from this document or Fireguard's instructions or other materials describing the product for promotional or advertising purposes, or any other purpose, including the description of the application, the use, installation, and testing of the product is the sole responsibility of the user. Fireguard assumes no responsibility for the use. In no event shall Fireguard's liability exceed the purchase price of the product.

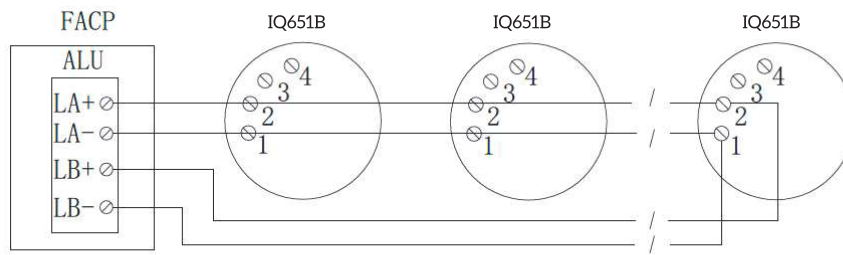
SPECIFICATION

Nominal Voltage	24VDC
Voltage Range	17.6 to 28VDC
Standby Current	0.1mA
Alarm Current	1mA
Fixed Temperature Rating	135°F (57.5°C)
Rate-of-Rise Detection	15°F/min (8.3°C/min)
Operating Temperature	32°F to 100°F (0°C to 38°C)
Operating Humidity	0% to 93% RH
Diameter	4.13 in. (105mm)
Height (with base)	1.87 in. (47.5mm)
Weight (with base)	4.3oz (121g)
Mounting	Base IQ651B/IQ651BL
Mounting Orientation	Ceiling, wall
Distance between detector	50 FT (15m)
Ingress protection rating	IP-43

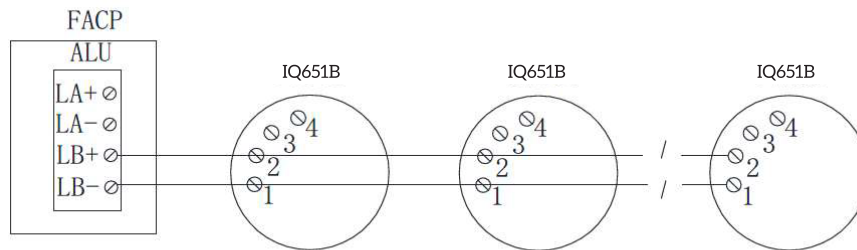


INSTALLATION AND WIRING





(a) Class A Circuit



(b) Class B Circuit

CATALOG NUMBER TO ORDER

Model	Description
IQ651H	Heat Detector
IQ651B	Heat Detector base 4,13 in. (105mm)
IQ651BL	Heat Detector base 5,91 in. (150mm)