



**CFS-AB300 SERIES  
CONVERTIONAL -  
FIRE ALARM SOUNDER**

**| USER MANUAL**

## CAUTIONS

- **ELECTRICAL HAZARD:** Disconnect power from equipment prior to making any internal adjustments. Service should only be performed by qualified personnel.
- **FRAGILE:** Inspect the equipment prior to installation.
- Do not install the equipment if damage is apparent.
- Do not attempt to disassemble this equipment. If damaged, return to the supplier.
- **ELECTROSTATIC HAZARD:** This is sensitive electronic equipment.
- Apply safe ant-static practices when handling this equipment.
- **CIRCUIT LIMITATIONS:** The maximum number of devices connected to a single alarm zone is limited by the control and indicating equipment and may be limited by local regulations.



## INTRODUCTION

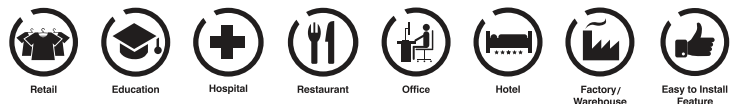
- The **CFS-AB conventional fire alarm devices** are suitable for connection to **2 - wire** and **4 - wire** fire detection and alarm systems.
- CFS-AB series will operate with both conventional and addressable fire detection control and indicating equipment activation is initiated upon connection of the operating voltage.
- These **instructions** provide trained installation personnel with details to install and commission **CFS-AB Series** alarm devices for optimum performance.

## FEATURES:

Operational Voltage	24 VDC
Current	200mA
Output Sound	110 dB
Colour	Red
LED Indicator	Red

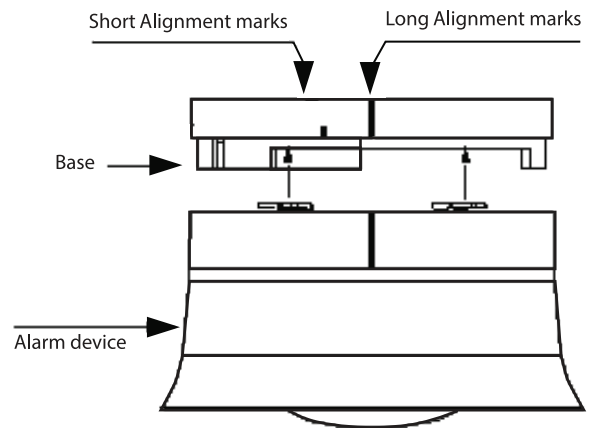
## ALARM DEVICE

- Align the device alignment mark with the short alignment mark in the base. as shown in picture.
- Mate the body onto the base and rotate it clockwise to secure it. The long alignment marks should be aligned.



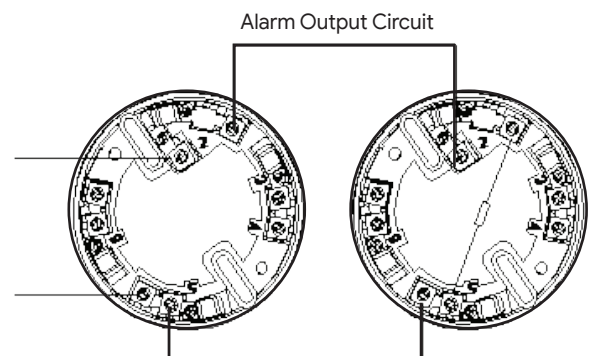
## INSTALLATION

- Base can be mounted directly onto an electrical junction box such as an octagonal (75mm, 90mm 100mm), a round (75 mm), or a square (100 mm) box without using any type of mechanical adapter.
- **Feed the conductors** through the middle of the base for termination to the base contacts.
- Mount the base on the **junction box** or directly onto a flat surface.
- Mount the base to the surface using fixing screws that are suitable to securely fix the base to the surface.
- Wiring base terminals accept (0.4 ~ 2.5) mm<sup>2</sup> conductors.
- Strip the conductor insulation to expose 5 mm of the conductor.



## COMMISSIONING

- Ensure all releasing devices and extinguisher systems are disabled during the commissioning period.
- Configure a control and indicating equipment alarm output relay to supply power to the device in the alarm condition.
- Activate an alarm condition at the control and indicating equipment.
- Check that the alarm sounder device operates.
- Reset the control and indicating equipment.



## FINAL CONDITIONS

- Ensure all the alarm signal services, releasing devices and extinguisher systems disabled for the commissioning are returned to their previous condition.

### WARNING:

Take care to ensure the insulation does not get clamped by the terminal contact.



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