Alco

HEAT DETECTOR
Model No: CFS-HD300
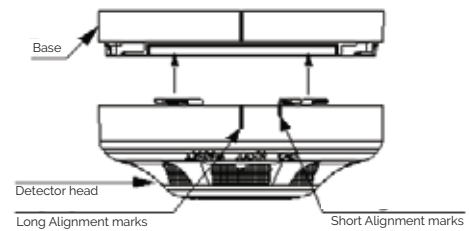
DESCRIPTION:

Alco Heat Detector is designed to use a single thermistor in order to sense the air around the detector. It is ideal in environments which are smoke and dusty under normal conditions.
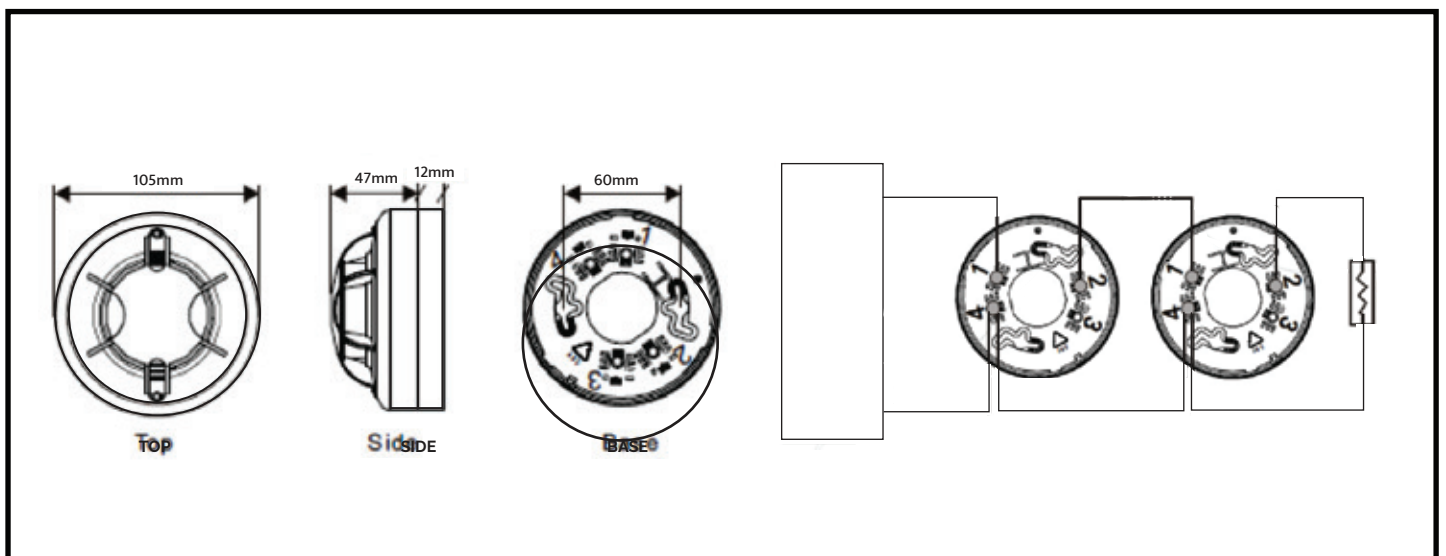
The heat detector is designed in such a way that it is unaffected by atmospheric pressures or wind and makes it more ideal to use and error free.

HD300 conventional fire heat detectors are suitable for connection to **2-wire** conventional fire detection control and indicatin equipment, or to conventional fire detection control and indicating equipment that can accept conventional type detectors.

An electronic thermistor provides sensitive rate-of-rise operation or fixed-temperature operation when the response threshold value is exceeded.

Base

Detector head
Long Alignment marks

Short Alignment marks

TECHNICAL DIAGRAMS:

105mm

47mm 12mm

60mm

Top

Side SIDE

BASE

EN54 FC CE

TECHNICAL FEATURES:

- Wire: 2 wire model (4 wire also available)
- System Voltage: 9V-28VDC
- Standby Current: 40uA
- Alarm Current: 30mA
- Temperature Range: -10 C~ 50 C
- Humidity Range: 10%~ 93%
- Fixed Temperature Range: 57 C
- Installation Height: 3 - 5 Meters (Recommended)
- No. of Detectors per Zone: 20-25 (Recommended)
- Weight of smoke and heat: 155g
- Advanced algorithms provide analogue detection discrimination
- Surface-mount device (SMD) circuit board design
- High immunity against unwanted alarms
- Stable smoke sensing chamber. No adjustment or replacement required
- 2-wire and 4-wire models for DC 12 V and DC 24 operation
- 4-wire model for DC 48 V operation
- 2-wire models available with remote LED output
- 4-wire models available with a N/O alarm relay output
- 4-wire model compatible with relay base
- 4-wire models available with auto-reset function
- Connects to zone monitor for use with addressable control and indicating equipment
- Sleek low-profile housing design
- Dual LEDs for 360˚ visibility
- Low maintenance

Retail   Education   Hospital   Restaurant

Office   Hotel   Factory/ Warehouse   Easy to Install Feature

HEAT DETECTOR
MODEL NO: CFS-HD301

DESCRIPTION:

HD 301 Conventional Heat Detectors are suitable for connection to **2-wire conventional fire detection** control and indicating equipment, or to addressable fire detection control and indicating equipment that can accept conventional type detectors.

An electronic thermistor or fixed-temperature provides **sension rate** of rise operation or fixed-temperature operation when the*response threshold value is exceeded.*
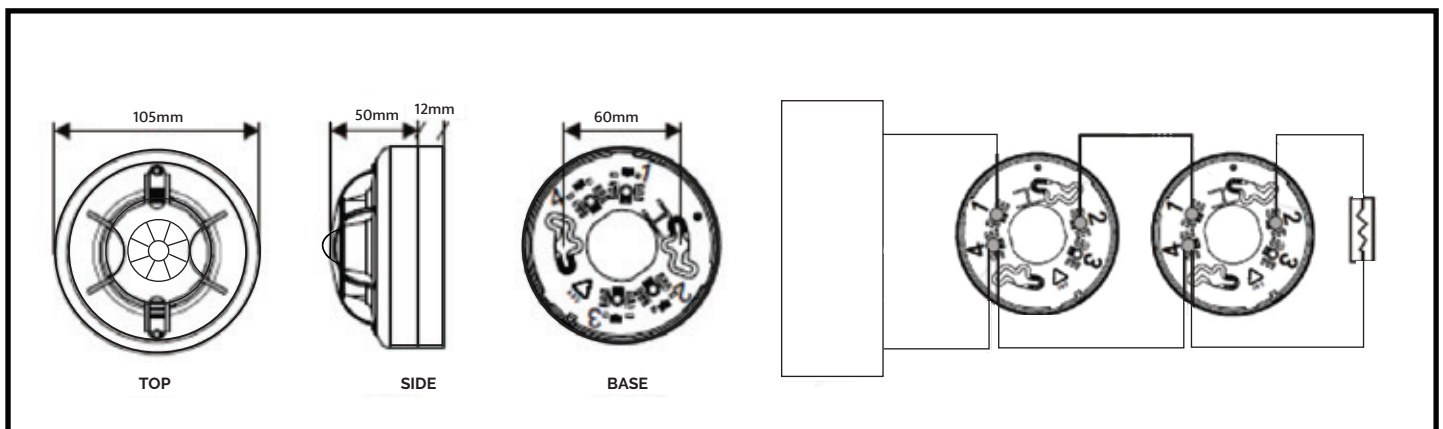
TECHNICAL FEATURES:

- Durable heat sensor.
- Analogue detection discrimination.
- Dual LEDs for 360 visibility.
- 2-wire and 4-wire models for DC 12 V and DC 24 V operation.
- 4-wire models available with auto-reset.
- 2-wire models available with remote LED output.
- Connects to zone monitor for use with addressable
   control and indicating equipment.

TECHNICAL DIAGRAMS:

105mm   50mm   12mm   60mm

TOP   SIDE   BASE

EN54   FC   CE

*Models may vary from time to time due to continuous improvement in product design, features, technology and stability for a better user experience.