Advanced

Axis EN

# Conventional Class A1R (ROR) Heat Detector

The S3500/A1R is a cost effective and aesthetically pleasing, non-addressable rate of rise heat detector.

These detectors are designed for open area protection and provide the best warning of fire in locations which are not suitable for smoke detection technologies.

A centrally positioned LED indicator provides 360° visibility of detector activation and an in-built magnet test feature allows easy activation to verify operation of the detectors.

A custom ASIC provides superior and reliable detection performance whilst reducing the problems of false alarms.

## Approvals

- EN54-5:2017 +A1:2018
- Approved by BRE/LPCB and certified by the UAE Civil Defence

## Features

- Central LED providing 360˚ visibility
- Magnetic test feature
- Anti-Tamper locking feature
- Robust and reliable
- 3 year warranty

## Specification

| | |
|---|---|
| Operating Voltage | 10-30V DC |
| Stand by current | 60 uA @ 24V DC |
| Alarm current | 40mA (externally limited) |
| LED current consumption | 20mA (externally limited) |
| Operating Temperature Range | -30˚C / +70˚C (no condensation) |
| Humidity (no condensing) | 95% RH (no condensation) |
| Dimensions (with base) | 110 x 54 mm |

## Order Codes and Options

| | |
|---|---|
| 20-AS3500-ADV A1R: | Class A1R Rate Of Rise Heat Detector |

| | |
|---|---|
| 20-ABR100-ADV: | Universal resistor base |
| 20-ABDR100-ADV: | Universal resistor + diode base |
| 20-ABSR100-ADV: | Deep resistor base |



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As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.