



## Addressable Fixed-Temperature Heat Detector with Built-in Isolator S6-AHD-300

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S6-AHD-300 is addressable Fixed Temperature Heat Detector, using a temperature-sensitive sensor. When the temperature in the surrounding area reaches over 54-70°C, it reports a fire alarm to the central panel. This detector is suitable for locations where smoke-producing substances exist under normal conditions.



### Features

- Designed according to EN 54-5,54-17 standard.
- Equipped with an internal isolator with the possibility of active or passive isolator.
- Easy address programming with the handheld programmer
- Remote indicator output
- Compatible with the WISE addressable panel and other SENS addressable panels
- SMD technology
- Reliable performance
- Low power consumption
- Impact-resistant plastic frame
- Equipped with a red LED status indicator.



## Technical Specifications

Detector Class	A2S
Power Supply Voltage	27V
Stand by consumption	0.6mA @ 27V
Alarm state current	1.3mA @ 27V
Alarm Temperature	54-70 °C
Operating Temperature	-10 to 70 °C
Humidity	95% (without condensation)
Dimensions	50×100 mm
Weight	100gr

## Application

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The S6-AHD-300 detector is suitable for environments with sudden temperature changes, where the speed of temperature increase is much higher than the spread of smoke as well as environments with smoke-producing substances.

## Construction

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The design of the S6-AHD-300 allows for easy disassembly and component replacement by using the embedded thorns between the parts of the frame. The detector body is made of white ABS plastic.



## Isolator Specifications

Maximum line voltage	28V
Minimum line voltage	15V
The maximum voltage at which the device isolates ( $V_{SO_{max}}$ )	6V
The Minimum voltage at which the device isolates ( $V_{SO_{min}}$ )	2V
The maximum voltage at which the device reconnects ( $V_{Sc_{max}}$ )	6V
The Minimum voltage at which the device reconnects ( $V_{Sc_{min}}$ )	2V
Maximum rated continuous current with the switch closed ( $I_{c_{max}}$ )	400mA
Maximum rated switching current ( $I_{s_{max}}$ )	600mA
Maximum leakage current ( $I_{L_{max}}$ )	8mA
maximum series impedance with the switch closed ( $Z_{c_{max}}$ )	0.5 $\Omega$