

S2-AMD-300

Addressable Smoke/Heat Multi Detector

Description



S2-AMD-300 is an addressable combined (temperature and optical-smoke) detector, designed for installing in addressable fire alarm systems. The detector is powered on from the panel and can be controlled via the communication protocol.

It utilizes light scattering technology to detect smoke in the environment and measures ambient temperature with its temperature-sensitive sensor. Upon reaching a predetermined temperature, it activates the fire alarm.

Features

- Designed according to EN 54-5,7 standards.
- 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
- 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	70 °C
Operating Temperature	-10 to 70 °C
Humidity	95% (without condensation)
Dimensions	50×100 mm
Weight	120gr

Application

Due to the sensitivity of this smoke and heat sensor, it is applicable in various environments. It detects environmental smoke using smoke detection technology and reports temperature increases using temperature-sensitive sensors to the central control system.

Construction

The S2-AMD-300 detector's case and chamber are made of durable ABS plastic. Additionally, its mechanical parts are specifically designed to protect the detector from dust and insects.