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PRODUCTS

Heat Alarm

Temperature monitoring for optimal fire detection

The Heat Alarm ensures that your customers can sleep peacefully, without ever having to worry about fire. The Heat Alarm can be installed where smoke or fumes are part of the atmosphere to prevent false alarms.

A heat-based fire alarm is specifically useful in environments where traditional optical smoke sensors would cause false detections, due to smoke, fumes, etc.

The Heat Alarm is designed for installation in private homes or garages with a smoky, dusty, or humid environment, as for example, a kitchen, living room with wood burning stove, garage area, or washing and drying area.

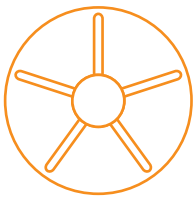
Key features:

- Fire sensor
- IAS Zone
- Temperature sensor
- Zigbee certified

The thermo-sensitive detector with wireless communication detects both rapidly increased heat and absolute heat levels. In case of fire, the Heat Alarm will release a high-pitched sound as a warning. By interconnecting several Heat Alarms, the users will hear the alarm sound no matter where in the house they are.

Should the Heat Alarm be triggered while nobody is home, the customer will be notified immediately through their home security system ensuring that fires are recognized and can be fought quickly.

The Heat Alarm is battery powered and easily mounted to the ceiling.



- **5 years battery lifetime**
- **85 dB siren**
- **Secure communication**

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Heat Alarm - Technical specifications

Model number: HESZB-120

General

Dimensions (Ø x H)	Ø 65 x 40 mm
Weight	58.3 g (with packaging: 108 g)
Color	White
Power supply	Battery: 1 x CR123A, exchangeable Battery life: 5 years, reporting every 5 minutes Battery level and low battery warning can be reported
Radio	Sensitivity: -92 dBm Output power: Typ. +4 dBm
Environment	IP class: IP20 Operation temperature 0 to +50˚C Relative humidity up to 95% non-condensing
Range	Minimum 100 meters (open field)

Functions

Fire sensor	Heat based fire sensing Siren output 85 dB/3m
Temperature sensor	Range: 0 to +50˚C Resolution: 0.1˚C (accuracy Typ ±0.5˚C and Max ±2˚C) Sample time: config.: 2 s - 65,000 s Reporting: configurable

Communication

Wireless protocol	Zigbee Home Automation Zigbee end-device

Certifications

Conforming to CE, RED and RoHS directives
EN 54 and DIN 14676 certified
Zigbee Home Automation 1.2 certified

zigbee certified product