



SD-503ST Stand-alone combined smoke and heat detector with built-in siren

The SD-503ST is used to **detect fire hazards in the interior of residential or commercial buildings**. The detector can be installed in mobile homes or caravans. The product is not designed to be installed in industrial premises.

- [Declaration of conformity - SD-503ST \(PDF 318,23 kB\)](#)
- [Declaration of performance - SD-503ST \(PDF 192,45 kB\)](#)

Descrição

The detector indicates a fire hazard using the built-in LED indicator and acoustic signalling.

The SD-503ST consists of two independent detectors - an optical smoke detector and a heat detector. The optical smoke detector works on the principle of scattered light. It is very sensitive to large dust particles which are present in dense smoke. It is less sensitive to smaller particles generated by the combustion of liquids such as alcohol. That is why the fire detector also contains a built-in heat detector which has a slower reaction but is much better at detecting fire which generates only a small amount of smoke.

Especificações técnicas

Power

3 x 1.5 V AA / 2.4 Ah alkaline battery
Please note: Batteries are not included

Typical battery lifetime

approx. 3 years

Smoke detection

optical light scattering

Smoke detector sensitivity

m = 0.11 ÷ 0.13 dB/m pursuant to EN 14604:2005

Heat detection

class A1 according to EN 54-5

Alarm temperature

+ 60 °C to +65 °C

Operating temperature range

-10 °C to +65 °C

Dimensions, weight

diameter 126 mm, height 52 mm, 150 g

Conformity

EN 50130-4, EN 55022