



JA-110ST Bus combined smoke and temperature detector

The JA-110ST bus fire detector (optical and temperature detection) detects **fire in residential and commercial buildings**. Allows you to set detection: optical and thermal, optical or thermal, optical only or temperature only.

- [Declaration of conformity - JA-110ST \(PDF 318 kB\)](#)
- [Declaration of performance - JA-110ST \(PDF 190.81 kB\)](#)

Description

The detector is addressable, and occupies one position in an alarm system.

SMART MEMORY indication (SMI) provides a visual (LED) verification of detector triggering. SMI is reset via the keypad.

Technical specifications

Power	from control panel digital bus 12 V (9...15 V)
Current consumption in standby mode	5 mA
Current consumption for cable selection	10 mA
Dimensions	diameter 126 mm, height 50 mm
Weight	143 g
Smoke detection	optical light scattering
Smoke detector sensitivity	$m = 0.11 \div 0.13$ dB/m pursuant to EN 54-7
Heat detection	class A2 according to EN 54-5
Alarm temperature	+60 °C to +70 °C
Operating temperature range	-10 °C to +80 °C
Complies with	EN 54-5, EN 54-7, EN 50130-4, EN 55022
Recommended screw	2x \varnothing 3.5 x 40 mm (countersunk head)