

VIT20

Heat fire detector



Product Description

The fire detector provides a reliable early warning of a fire condition upon reaching a rate of rise of the temperature or fixed temperature threshold in the protected premise. The temperature class is in compliance with the European Standard EN54-5 and is programmable by the fire control panel VIT01:

– A1R, A2R – for rate of rise heat fire detector. Activated upon reaching a rate of rise of the temperature or fixed temperature

– The principal of functioning of its thermal part is based on the ohmic resistance alteration in the thermistors as a result of the ambient temperature change.

Technical data

Supply voltage: (3.2-3.6)V DC

Back-up power supply: (3.0-3.2)V DC

Current consumption in transmitting: 45 mA

Current consumption in receiving: 55 mA

Average consumption in "Duty" Mode: 80 μ A

Response time: 30 sec.

Temperature class: programmable P – A1R, A2R in compliance with EN54-5:2000

Protected area: circle with diameter up to 8 m

Height for installation: up to 3.5 m (according to EN54)

Degree of protection: IP40

Operating temperature range: minus 10oC up to 55oC

Relative humidity resistance (no condensation): \leq 95%

Overall dimensions, including the base: \varnothing 106 mm, h 55 mm

Weight (including the base and the battery): 0.150 kg

