



WSA 310 Differential heat detector



Smoke
ventilation

VdS

VdS approved

Application

- for detection of rapid temperature increase
- for smoke panels
- the signal from the differential heat detector has the highest priority in the WSC panel
- the detector is VdS approved

The differential heat detector is reacting to a rapid rise in temperature, and ensures early detection of fires.

The differential heat detector is used in areas where surrounding conditions do not permit the use of smoke detectors.

The differential heat detector has wide intake holes to allow the air flow to reach the terminal sensors immediately, where the heat is measured and evaluated. Indication of alarm via red LED.

With a rapid rise in temperature and at a maximum temperature of 75°C the differential heat detector is triggered and will send signal to and the smoke panel for activating the alarm.

The signal from the differential heat detector has priority in the WSC unit.

The differential heat detector is tested according to Vds. Approval no.: G200060

Special technical features

- easy mounting and installation
- delivery includes mounting plate
- horizontal mounting
- alarm in case of a rapid rise in temperature and at a max. temperature of 75°C, visual signal on the differential heat detector (red LED)
- VdS approval. Approval-no.: G200060
- signal transmission in 2-wire technology

WSA 310

Differential heat detector

Technical specifications	
Power supply	24 VDC
Current consumption rest	55µA
Current consumption alarm	52mA by 24V
Operating condition	-20°C - +60°C, max. 95% RH, non condensing, horizontal mounting
Approval	VdS-approval no.: G 200060
Material	plastic
Colour	white (RAL 9010)
Size	100 x 50mm (Ø x H)
Signal transmission	2-wire technology
Alarm indication	via red LED on the differential heat detector
IP rating	IP23D according to B5 EN 60529
Delivery includes	differential heat detector incl. mounting plate
Notice	we reserve the right to make technical changes

Item	Item no.
Differential heat detector for smoke units type WSC	WSA 310 01

