

## Conventional detectors

Order-No. SSD630



### Optical smoke detector conventional

- measuring chamber consists of a labyrinth for excluding external light, an intermittent LED and photodiode.
- scattered light detector using conventional type technology / current
- high operational reliability thanks to intelligent evaluation of measuring chamber signal.
- alarm output for triggering a floating contact in the base or a remote indication
- Technical specification:
  - Detector specification: EN54-7
  - Type of connection: 2-wire bus
  - Addressing: 32 detectors per line
  - Power supply: 12-30 VDC via 2-wires line
  - Standby current: max. 100 µA
  - Alarm current: 20 mA
  - Alarm output: max 15 mA
  - Response sensitivity: < 0.15dB/m
  - Max. humidity: 95%/40°C
  - Max. air speed: 20 m/s
  - Operating temperature: -10°C to +60°C
  - Max. area protected: 120m<sup>2</sup>
  - Class of protection: IP43
  - Dimensions (Ø x H): 100 x 44 mm

**VdS approval No.: G 206014**

Order-No. CT3004 O



### Optical smoke detector. Design variant 4

Technical characteristics as SSD630  
Available in white and silver colour

Order-No. CT3005 O



### Optical smoke detector. Design variant 5

Technical characteristics as SSD630  
Available in white and silver colour

Order-No. CT3001 O



### Optical smoke detector. Design variant 1

Technical characteristics as SSD630  
Available in white, silver and black colour

Order-No. UTD630

**Thermal detector conventional**

- combination of both temperature measurement principles-fixed and rate-of-rise
- temperature measurement by means of a fast, highly accurate sensor
- Technical specification:
  - Detector specification: EN54-5
  - Classes: A1, A1S, A1R, B, BS, BR
  - Type of connection: 2-wire bus
  - Addressing: 32 detectors per line
  - Power supply: 12-30 VDC via 2-wires/loop
  - Standby current: max 100  $\mu$ A
  - Alarm current: 20 mA
  - Alarm output: max 15 mA
  - Response sensitivity: < 0.15dB/m
  - Max. humidity: 95%/40°C
  - Trip temperature: 60°C
  - Operating temperature: -10°C to +75°C
  - Max. area protected: 40m<sup>2</sup>
  - Class of protection: IP23
  - Dimensions ( $\varnothing$  x H): 100 x 49.5 mm

Order-No. STD630

**Optical/Thermal multi-sensor detector conventional****Optical sensor**

- measuring chamber consists of a labyrinth for excluding external light, an intermittent LED and photodiode in the so-called 1st measuring ch.
- true contamination detection by means of independent 2nd measuring channel
- automatic adjustment of alarm threshold in case of contamination

**Thermal sensor**

- combination of both temperature measurement principles-fixed and rate-of-rise
- temperature measurement by means of a fast, highly accurate sensor
- Technical specification:
  - optical sensor: DIN EN54-7
  - thermal sensor: DIN EN54-5
  - Classes: A1, A1S, A1R, B, BS, BR
  - Type of connection: 2-wire bus
  - Addressing: 32 detectors per line
  - Standby current: max. 100  $\mu$ A
  - Alarm current: 20 mA
  - Alarm output: max 15 mA
  - Alarm signalling: red LED alarm, yellow LED fault
  - Max. humidity: 95%/40°C
  - Optical sensor: < 0.15dB/m
  - Thermal sensor: 60°C
  - Max. humidity: 95%/40°C
  - Max. air speed: 20 m/s
  - Operating temperature: -10°C to +60°C
  - Max. area protected: 120m<sup>2</sup>
  - Class of protection (EN 60529): IP43
  - Dimensions ( $\varnothing$  x H): 100 x 44 mm