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: 120m2 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 rateof-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

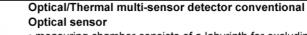
Standby current: max 100 µA Alarm current: 20 mA Alarm output: max 15 mA Response sensitivity: < 0.15dB/m Max. humidity: 95%/40°C

Trip temperature: 60°C
Operating temperature: -10°C to +75°C

Max. area protected: 40m2 Class of protection: IP23

Dimensions (Ø x H): 100 x 49.5 mm

Order-No. STD630





- 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 rateof-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 µA Alarm current: 20 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

Alarm output: max 15 mA

Operating temperature: -10°C to +60°C

Max. area protected: 120m2

Class of protection (EN 60529): IP43 Dimensions (Ø x H): 100 x 44 mm

