

Description

The 406 non-addressable weather-proof heat detector is suitable for connection to 2-wire non-addressable fire detection control and indicating equipment, or to addressable fire detection control and indicating equipment that can accept non-addressable type detectors¹.

A bi-metal sensor provides an accurate fixed-temperature operation when the response threshold value is exceeded. The IP-67 weather-proof design ensures that reliable operation is not affected by damp and humid atmospheres.

The 406 non-addressable weather-proof heat detectors provide fire detection and alarm system designers with a Standards-compliant, economical heat detector for property protection applications² where smoke or multi-sensor detectors may not be suitable due to environmental conditions.

Features

- IP-67 ingress protection rating
- Durable sensor. No adjustment or replacement required
- Surface-mount device (SMD) circuit board design for stable and reliable operation
- Remote LED output
- Connects to zone monitor for use with addressable control and indicating equipment
- Easy installation. No programming required
- Sleek low-profile housing design
- Low maintenance

Compliance

406 heat detectors have the following compliance.

	EN 54-5 ^{a, b}	CE ^c
406-001	✓	✓

^a EN 54-5 Fire detection and fire alarm systems. Heat detectors. Point detectors

^b Third-party conformance assessment has not been undertaken.

^c Conformité Européenne

Accessories

The following accessories are compatible with 406 heat detectors.

Description	Part number	Datasheet
4-terminal 100 mm low profile base	485-001	31-0036
Remote indicator ^a	681-001	31-0034
Detector monitor module	620-001	31-0027



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Specifications

	406-001
Operating voltage	DC (10 ~ 33) V
Quiescent current	45 µA
Alarm current (max)	70 mA @ DC 24 V
Alarm response threshold	58 °C static,
Detector classification	A2S ^a
Remote LED output current (max)	25 mA
Sampling time	3 s
Start-up time	≤ 30 s
Operating temperature	(0 ~ +80)°C
Operating humidity	(0 ~ 95)% RH, non-condensing
Storage temperature	(-25 ~ +80)°C
Storage humidity	(0 ~ 98)% RH, non-condensing
Dimensions	Φ 100 mm × 51 mm
Weight	108 g
Ingress protection rating	IP-67

^a EN 54-5 Fire detection and fire alarm systems. Heat detectors. Point detectors

Ordering Information

406-001

View the complete range of products at www.numens.com



¹ May be used with the 620-001 detector monitor module.

² **WARNING** – Hazardous levels of smoke and toxic gas can build up before a heat detector might operate. Where life safety and building

evacuation is necessary in the event of a fire, smoke, gas or combination detectors usually provide earlier warning than heat detectors alone.