# 6295

## Enclosed Conventional Heat Detector, Weatherproof IP67, 57°C, Class A2S

### General

Heat detectors are normally used in rooms where the temperature can be expected to rise rapidly in case of a fire, or in places where smoke detectors cannot be used. The 6000 series heat detectors are intended for outdoor or indoor use in high humidity areas.

### Fixed Temperature Alarm Level

The 6000 series detectors are conventional fixed temperature heat detectors, i.e. they will give an alarm within a response temperature range in accordance with EN54-5. The sensing element is a heat pick-up shield and a bimetal switch. An LED on the detector lights up when the detector activates. All detectors support an output for a remote indicator.

The following types are available (static response temperature, class & EN54-5 temperature range):

- 6295, 57°C, class A2 S (54 to 70°C)
- 6296, 72°C, class B S (69 to 85°C)
- 6297, 87°C, class C S (84 to 100°C)
- 6298, 117°C, class E S (114 to 130°C)

### Operation

All detectors are latching, i.e. they will not be automatically reset if the temperature, after the alarm, falls below the detector's static response temperature. The detector's LED and a connected remote LED will be lit until the detector is reset via the C.I.E.

### Installation

All electronic componets are mounted in a grey waterproof detector housing and fitted to the supplied connection box. The connection box has three cable inlets. Three compression glands and a silicon gasket for IP67 protection are supplied with the product.

All detectors are provided with three pairs of flying leads with female push-on connectors to connect the zone line cables (in / out) and the remote indicator.



### Details

- State of the art detector for highest safety
- Waterproof (IP67) for outdoor use or in humid areas
- High temperature range for difficult environments
- Fixed temperature alarm level

# 6295

## Enclosed Conventional Heat Detector, Weatherproof IP67, 57°C, Class A2S

## Technical specifications

### General

| | |
|---|---|
| Status indication | Red LED |
| Compatibility | Conventional systems |
| Alarm levels | 1 |
| Connectivity | 2-wire zone |

### Electrical

| | |
|---|---|
| Power supply type | Zon driven |
| Operating voltage | 12 to 30 VDC (24 VDC nom.) |
| Current consumption | 0 mA (Quiescent)<br>6 to 40 mA (±400 Ω) (Alarm, Internal Resistance) |
| No. of cable cores | 2 |

### Detection

| | |
|---|---|
| Detection principle | Bi-metal plate |
| Zone length | Controller specific |
| Static response temperature | 57°C |

### Output

| | |
|---|---|
| Output quantity | 1 |
| Output type and rating | Remote indicator, < 10 mA @ Supply - 2 VDC |

### Physical

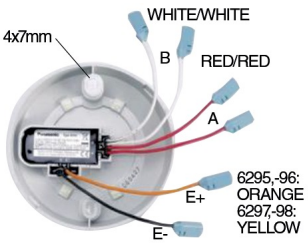
| | |
|---|---|
| Physical dimensions | 100 x 75 mm (Ø x D) |
| Net weight | 133 g |
| Colour | Grå |
| Mounting type | Montering på bas |
| Cable entries | 2 |
| Material (body) | Modifierad polykarbonat |

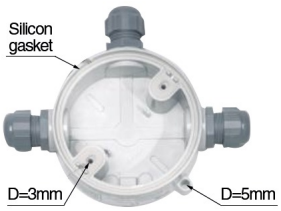
### Environmental

| | |
|---|---|
| Vandal proof | No |
| Operating temperature | -40 10 110°C |
| Storage temperature | -45 to +70°C |
| Relative humidity | < 95% |
| Environment | Indendør, Udendørs |
| IP rating | IP67 |

### Regulatory

| | |
|---|---|
| Compliancy | CE, REACH, RoHS 3, WEEE |
| Certification | CPR |
| Voluntary marks | VdS |
| Standards | EN54-5 |




EDWARDS
Built for Resilience

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

Last updated on 20 February 2025 - 12:31