

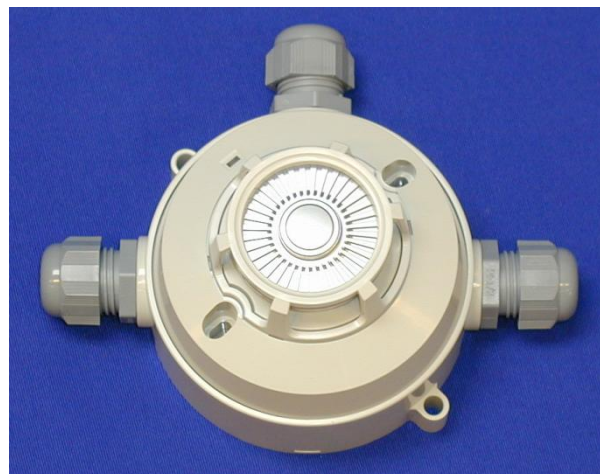
## Conventional heat detectors 6295, 6296, 6297 and 6298

Conventional heat detectors 6295, 6296, 6297 and 6298 are fixed temperature heat detectors for outdoor use or indoor use in high humidity premises.

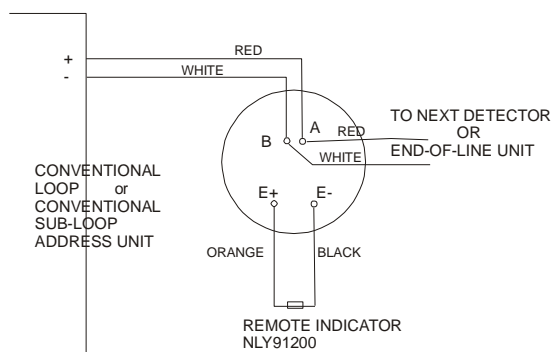
They measure temperature of ambient air providing early warning of fire to the conventional fire detection system, when the pre-set limits are exceeded.

Their sensing elements are a heat pick-up shield and a bimetal switch. Detectors except 6298 have LED lighting up when detector goes into alarm. They have an output for an external LED.

A base of protection class IP67 is supplied with all these detectors. To guarantee the protection class detectors have to be installed according to the installation instructions of these detectors.



### Electrical connections



Specifications are subject to change without notice.

### Technical specifications

#### Dimensions (Ø x H)

- detector	95 x 42mm
- connection box	101 x 35mm
Total weight	220g
- detector	86g
- conn. box incl. 3 glands	134g

Colour Grey

#### Operating temperatures

- 6295	+54°C ... +70°C
- 6296	+69°C ... +85°C
- 6297	+84°C ...
	+100°C
- 6298	+114°C ...
	130°C

#### Ambient temperature, typical / maximum

- 6295	+25°C / +50°C
- 6296	+40°C / +65°C
- 6297	+55°C / +80°C
- 6298	+85°C / +110°C

Lowest operating temperature -25°C

Humidity 0 ... 93%,  
Non-condensing

Operating voltage 24VDC

Standby current 0mA

Max. alarm current 70mA

Enclosure class IP67

#### Esmi product numbers

- 6295	FFS06406295
- 6296	FFS06406296
- 6297	FFS06406297
- 6298	FFS06406298