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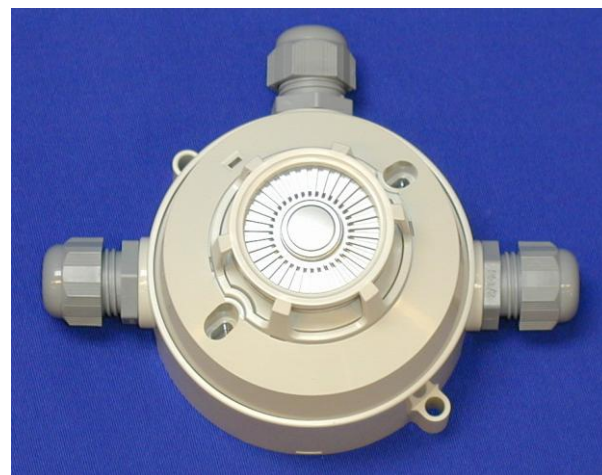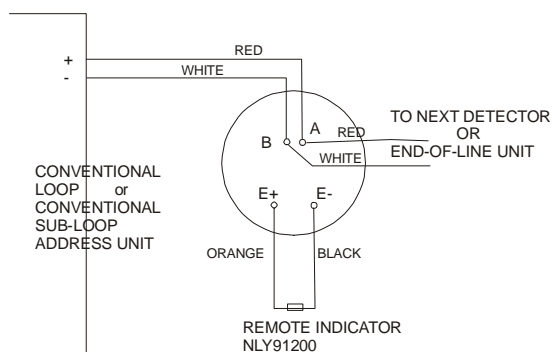
**Conventional heat detectors 6295, 6296, 6297 and 6298 are fixed temperature heat detectors for outdoor use or indoor use in high humidity premises.**

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**



**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 | 06406295 |
| - 6296 | 06406296 |
| - 6297 | 06406297 |
| - 6298 | 06406298 |

Specifications are subject to change without notice.