ST802

High Temperature Heat Probe (Unlatched)

General

The ST801 and ST802 thermal probe high temperature heat detectors have been designed to protect prom hazards where high temperatures are produced at a specific point. The sensitive element (bulb) can be set at a distance of up to 1 meter from the connection box.

Applications

One of the most common applications for the ST800 is the detection of fires in the extractor cowls of industrial kitchens.

The high reliability of thermal probes make them ideal for controlling automatic fire extinguishing systems such as CO2, aerosols, etc.

For easy adaptation to any monitoring control panels, two ST800 models are available:

ST801

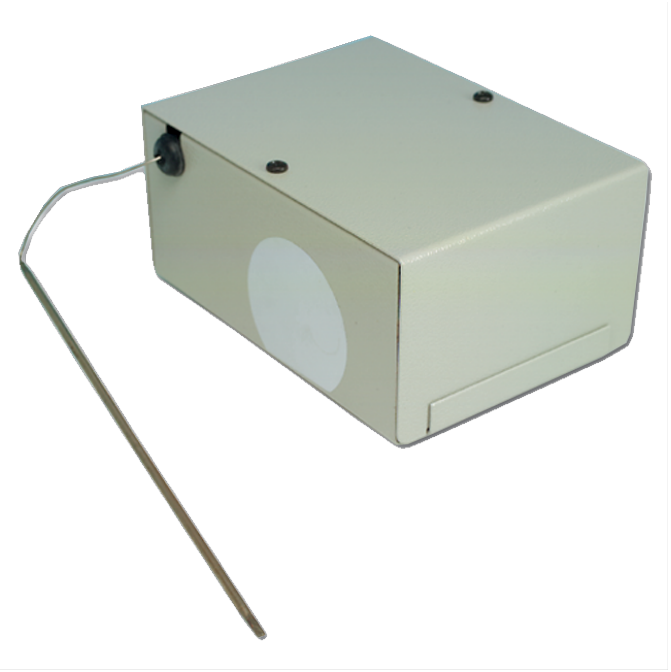
The ST801 is a high temperature thermal probe heat detector with a latching relay that maintains the alarm even after the hazard temperature has fallen or disappeared. It may be used as a conventional detector and connected to any of the zones of the fire control panels from Kilsen.

ST802

The ST802 does not use latching relays. It simply has a potential free relay output allowing for NO, COM and NC connections.

Warning

The ST800 should not be used to protect large areas. The housing of the unit has not been designed to withstand high temperatures.



Details

- Completely metal
- Adjustable from 50 to 300 °C
- Back and side cable input
- Sensitive probe with 1 m of stainless steel capillary piping
- Resistant to heat, grease and humidity
- Easy installation
- Easy connection
- Easy maintenance
- Potenial free alarm relay output

ST802
High Temperature Heat Probe (Unlatched)

Technical specifications

Electrical

Operating voltage	24 VDC
Current consumption	100 mA (Alarm)

Sampling pipe

Length	1 m capilliary pipe length

Output

Output type and rating	Alarm Monitoring: 5 A potential free relay

Physical

Physical dimensions	140 x 100 x 70 mm (Housing) 150 x 3 mm (L x Ø) (Probe)
Net weight	600 g
Colour	Grau (RAL 7032)

Environmental

Operating temperature	50 to 300°C
Environment	Drinnen

KIDDE COMMERCIAL

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 29 August 2025 - 9:13