

**DT713-5***57° C fixed and rate-of-rise heat detector****Preventing false alarms Self Diagnostics***

The smoke detector continually monitors its own sensitivity and operational status. Once a day, it performs a full diagnostic test which includes dynamically testing the sensing chamber and internal electronics. If a detector drifts out of its sensitivity range or fails internal diagnostics, the yellow trouble LED will indicate. Background drift is daily compensated to maintain the originally calibrated sensitivity. The thresholds are not compensated beyond EN 54 limits for sensitivity. A failure of the sensing chamber is reported back per zone to the panel.

***Maintenance friendly Sensitivity level test mode***

The photoelectric detector includes a sensitivity test mode that is activated by holding a magnet near the integral reed switch. This initiates the self diagnostic routine and provides visual indication if service is required. This test mode allows field sensitivity testing without the requirement for external meters.

***Field cleaning and service***

The photoelectric sensing chamber unsnaps from the detector for easy field cleaning and service. Once a year (or more in dusty environments), one should open the detector cover, snap off and throw away the optical chamber. Vacuum and/or filtered compressed air can be used to remove dirt from the optical base. Then snap a new optical chamber back in place and re-check the sensitivity.

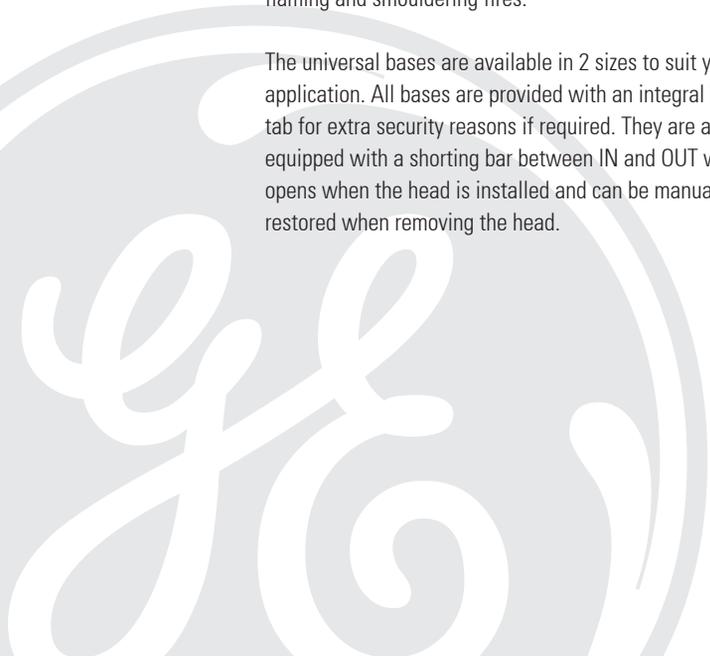
***The right detector for the right job***

For a truly fast and broad spectrum detection, there is the multicriteria optical/heat sensor. The interaction of both the smoke and heat algorithms ensure a quick response to both flaming and smoldering fires.

The universal bases are available in 2 sizes to suit your application. All bases are provided with an integral locking tab for extra security reasons if required. They are also equipped with a shorting bar between IN and OUT which opens when the head is installed and can be manually restored when removing the head.

***Standard Features***

- **EN 54 approved**
- **VDS certified**



# DT713-5

57° C fixed and rate-of-rise heat detector

## Specifications

<b>Operating voltage</b>	8.5 - 33 V dc FWR
<b>Current consumption</b>	
Quiescent at 24 V dc	100 A; Max. 70 A average
In alarm at 24 V dc	60 mA
<b>Alarm indication</b>	Red LED
<b>Fault indication</b>	Yellow LED
<b>Remote alarm output</b>	30 mA
<b>RY contact rating</b>	2 A @ 30 V dc; 1 A @ 120 V ac
<b>Humidity</b>	0 - 95%; Non-condensing
<b>IP rating</b>	IP 43
<b>Heat specification</b>	
Max.	57° C ± 1.5° C
R.O.R.	8° C/min and > 40° C
<b>Sensitivity</b>	
<b>Reset voltage</b>	2,5 V max
<b>Reset time</b>	1 sec
<b>Dimensions</b>	10 cm Ø, H = 5 cm

## Ordering Information

Part No.	Description
DT713-5	57° C fixed and rate-of-rise heat detector
DT713-5R	57° C and R.O.R. heat detector, with relay output
DB702	10 cm diameter base - 6 terminals



**GE Security**

[www.gesecurity.com](http://www.gesecurity.com)

As a company of innovation, GE Security reserves the right to change product specifications without notice. For the latest product specifications, visit GE Security online or contact your GE Security sales representative.