

700 Series smoke detectors continually monitor their own sensitivity and operational status. Once a day they perform a full diagnostic test that includes dynamically testing the internal electronics. The DT713-7 is a class B temperature detector with a fix temperature threshold of 70°C and built in rate-or-rise functionality.

Specifications

Operating voltage	8.5 - 33 VDC
Current consumption	
Quiescent at 24 VDC	100 microA max.
In alarm at 24 VDC	60 mA
Alarm indication	Red LED
Fault indication	Yellow LED
Remote alarm output	30 mA
Relay models	2 A @ 30 VDC, 1 A @ 120 VAC
Humidity	0 - 95%, Non-condensing
IP rating	IP43
Operating temperature	-10°C to 85°C
Sensitivity	NA
Heat specification	
Ambient	40°C
R.O.R.	EN54-5 Class B
Fixed temp	70°C ± 1.5°C
Reset voltage	2.5 V max
Reset time	1 s
Dimensions	10 cm Ø, H = 5 cm

Ordering Information

DT713-7	70°C Fixed and R.O.R. heat detector
DB702	10 cm diameter base - 6 terminals



- Automatic self diagnostics: Dynamic full detector and sensitivity test
- High false alarm immunity
- Built-in relay option
- Separate fire and fault LED
- 12 - 24 VDC operation
- Polarity insensitive
- Part of a full range: optical, heat and optical/heat multi criteria detectors
- EN54 approved