

57° C and R.O.R. heat detector, with relay output

DT713-5R

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 sensing chamber and internal electronics. The DT713-5R is a class A2 temperature detector with a fix temperature threshold of 56°C and built in rate-or-rise functionality. It also has a built in alarm relay for 4 wire operation or local switching applications.

Specifications

Operating voltage	8.5 - 33 V dc FWR
Current consumption	
Quiescent at 24 V dc	100 A; Max. 70 A average
In alarm at 24 V dc	60 mA
Alarm indication	Red LED
Fault indication	Yellow LED
Remote alarm output	30 mA
RY contact rating	2 A @ 30 V dc; 1 A @ 120 V ac
Humidity	0 - 95%; Non-condensing
IP rating	IP 43
Heat specification	
Max.	57° C ± 1.5° C
R.O.R.	8° C/min and > 40° C
Reset voltage	2.5 V max
Reset time	1 sec
Dimensions	10 cm Ø, H = 5 cm

Ordering Information

DT713-5R	57° C and R.O.R. heat detector, with relay output
DB702	10 cm diameter base - 6 terminals



- Automatic self diagnostics: Dynamic full detector test, sensitivity test
- Manual self diagnostic routine with visual sensitivity indication
- Field sensitivity testing without external meters
- Field exchangeable and disposable optical chamber
- High false alarm immunity
- Floating background with drift compensation
- Separate fire and trouble LED
- 12 - 24 VDC operation
- Polarity insensitive
- Full range: optical, heat and optical/heat multi criteria sensor
- EN54 approved