



43RCS101

CONVENTIONAL HEAT DETECTOR W/FIXED THRESHOLD 60°



The 43RCS101 detector can detect the fixed threshold of 60°C as set out by standard EN 54-5 for class A2S. The control algorithms implemented also mean it can be used in environments correctly subject to rapid and significant changes in temperature; it is particularly useful for dusty, dirty environments which may have a high concentration of steam and exhaust gases (e.g. garages, boiler rooms, kitchens, etc.). Microprocessor-controlled digital signal analysis. Low-profile design. Light indications via 2 LEDs which guarantee 360° visibility. Status indication every 8 seconds. Approved to EN 54-5.



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FUNCTIONS

Self-diagnosis	Yes
LED indicators	2, visibility 360°

HARDWARE SPECIFICATIONS

IP protection rating	IP30
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GENERAL DATA

Operating temperature (°C)	-10 ÷ 60
Detector class (in accordance with EN54-5)	A2/S
Colour	White
Dimensions (øxH - mm - base included)	102x42
Weight (g)	160
Cable cross-section (mm ²) (mm)	0.4 ÷ 2.5
Certification standard	EN54-5
Type of detection point	Fixed threshold 60 °C heat detector

TECHNICAL CHARACTERISTICS

Settling time on power-up (s) (secs)	30
Operating humidity (% RH max)	(93 ± 3)% @ 40°C

ELECTRICAL SPECIFICATIONS

Current absorbed in alarm status with bases 43RBX000 & 43RBX001	20mA, 12÷30VDC
Current absorbed in alarm status with base type 43RBX003	18mA @ 9VDC, 29mA @ 12VDC, 32mA @ 15VDC
Average consumption in inactive status	<50µA
Operating voltage	9÷30 (12÷24 VDC Nominal)
Output in alarm status for remote indication	20mA@3.3VDC