41RCS100

ADDRESSABLE HEAT DETECTOR



The LOGIFIRE series 41RCS100 detector is a programmable multifunctional heat detector with a built-in isolator. It can detect temperatures over a fixed threshold or rapid changes in temperature (“rate of rise”) as set out by standard EN 54-5. It can be programmed to operate in compliance with classes A1/R*, A2/S* and B/S. Microprocessor-controlled digital signal analysis. Quick cleaning of the sensor chamber thanks to the intuitive disconnection of the components. Evolved design suitable for any type of installation, even in the most aesthetically demanding situations. High-visibility light indications. Automatic addressing or with programmer. Programmable operating classes: A1/R, A2/S, B/S. Approved to EN 54-5 and EN 54-17. *Certified classes.

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MAIN FEATURES	
Model	Heat detector / rate of rise detector, LOGIFIRE series
Backwards compatible with ATENA series control panels	Yes
Sensitivity level settings	A1R (58º, RoR), A2S (60º), BS (75º)
LED indicators	2, visibility 360°
Conformity class EN54-5	A1/R, A2/S
Isolator	Yes
Settling time on power-up (s) (secs)	30
EN regulations	EN54-5, EN54-17

HARDWARE SPECIFICATIONS	
IP protection rating	IP30
Type of finishing materials	ABS
Product color	White RAL9016
Compatible base	41RBX020
Operating temperature (°C)	-10 ÷ 60
Operating humidity (RH max @40°C) (%)	0 ÷ 96
Cross-section for terminals (mm)	0.4 ÷ 2.5
Width (mm)	108
Height base included (mm)	41
Product weight (g)	125

ELECTRICAL SPECIFICATIONS	
Power supply	16 - 32VDC (Nom. 27VDC)
Consumption during communication	<290µA@27VDC
Rated absorption (stand-by)	<170uA@27VDC
Consumption in alarm status	6.5mA
Output in alarm status for remote indication	7.5mA@7.5VDC

The technical specifications are subject to change without prior notice.