

**45RCS100****ADDRESSED WIRELESS HEAT DETECTOR**

Wireless addressable heat detector designed for operation with Comelit wireless expansion modules. The detector has 360° visibility LED indication and a built-in buzzer for additional signalling in the event of a fire alarm (can be excluded) and for searching within the system. To prevent unauthorised disassembly or removal, the detector can be locked on at the base. Equipped with an anti-tamper feature to indicate opening. 45RCS100 is able to detect the fixed threshold of 58°C in addition to rapid changes in temperature (rate of rise) as set out by standard EN 54-5 for class A1R. Device enrolling is easy and instant. Communication distance between detector and expander (in open space) over 1000 m. Two-way radio communication with proprietary communication protocol. Batteries (2 x CR123A) with maximum life up to 10 years (depending on usage and settings). Operating temperature -10°C / +55°C. Dimensions (including base) Ø108x76 mm. Material: ABS. IP30 protection rating. Available temperature classes A1/R and A2/S. Approved to EN 54-5 and EN 54-25.



45RCS100

ADDRESSED WIRELESS HEAT DETECTOR

MAIN FEATURES

Type of detection point	Rate-of rise heat detector with fixed threshold of 58°C
Sensitivity level settings	A1R (58°, RoR), A2S (60°)
Self-diagnosis	Yes
LED indicators	2, visibility 360°
Conformity class EN54-5	A1/R, A2/S
Two-way radio communication	Yes
Modulation	GFSK
Radio frequency (MHz)	868
Number of frequency channels	6 pair channels
RF range (meters open field) (m)	1000
EN regulations	EN54-5, EN54-25

HARDWARE SPECIFICATIONS

IP protection rating	IP30
Type of finishing materials	ABS
Product color	White
Operating temperature (°C)	-10 ÷ 55
Height base included (mm)	76
Diameter (mm)	108
Product weight (g)	210

BATTERIES

Number of batteries (n°)	2
Battery type	CR123A
Battery included	Yes
Battery life (buzzer disabled)	~10 years
Battery level control	Yes

GENERAL DATA



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Protezione antiapertura	Tamper
Wireless technology	Bidirectional - BeaconPlus
Internal buzzer	Yes
Built-in buzzer volume	80dB/1m