

Radio networking and system technology - SeCa Power Line

Model S smoke alarm with Power Line model S radio module and lithium battery

Function



An optical smoke alarm, according to EN 14604 and appendix L (higher temperature change resistance makes it particularly immune to false alarms). It includes a 9V lithium battery, an integrated horn for acoustic alarms and displays malfunction or the need for battery replacement (30 days in advance).

With an integrated Power Line radio module, the model S smoke detector transmits alarms and failures to wirelessly networked system components and to the radio fire alarm control panel or radio Power Line if existent.

The Power Line model S radio smoke detector is pre-programmed at the factory with a preset group address for radio networking with other Power Line S radio smoke detectors. Item No.: 5102045

System features

SeCa Power Line allows radio network operation of components with or without a control panel. Through optional event reporting to a control panel, you can recognize immediately which detector has triggered an alarm or malfunction. Acoustic signalling of alarms or malfunctions received can be turned on or off individually. This allows configuration of targeted alerts to specific areas.

When necessary, a repeater function integrated into the radio module can be activated to allow wide ranges.

Further information — including the system components — can be found in the SeCa Power Line system overview.

Areas of application

Targeted alerts through radio networking offer an enhanced level of security for homes, holiday apartments, single and multiple family houses, small preschools and schools.

Technical data

Frequency:	Transmits via the ISM band
Power supply:	9V square lithium battery, type LM9V-P. Use only original batteries (item No. 4800032) or high-quality, tested batteries.
Rated current:	type 50 μ A
Power consumption, alarm:	type 40 mA
Battery life:	approx. 1 year, not counting alarm activations.
Operating temperature:	-10°C to +60°C
Storage temperature:	-20°C to +60°C
Humidity range:	max. 95% relative air humidity
Acoustic indicator:	Horn, 85 dB (at 3 m distance)
Optical display:	LED
Dimensions:	Height 51 mm, diameter 100 mm, weight approx. 120 g
Material/colour:	Plastic, white
Disturbances:	Dust, soot, steam, water condensation
EC-certificate of conformity:	0786-CPD-20304 / -20682
SeCa reserve the right to make changes.	