

## Radio networking and system technology - SeCa Power Line

### Radio fire alarm control panel

#### Function



The radio fire alarm control panel with integrated power adaptor manages 100 individually addressable system components in six freely selectable alarm zones. The control panel has four potential-free, freely programmable relay outputs and an emergency power supply. It signals alarms and failures through acoustic and/or visual alerts. The control panel monitors the radio components in the Power Line system for battery replacement and operational failure.

Item No.: 4001161

#### 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:	230V AC/12V DC integrated power adaptor for the direct connection, cable with plug or direct connection
Emergency power supply:	8 x 1.5V LR 6 for approx. 60 hours of emergency power, not counting alarm activations. Use only original batteries with a nominal capacity of at least 2,800 mAh (item No. 5100157) or high-quality, tested batteries.
Rated current:	type 30 mA (LED operation) at factory default and 100 system components
Power consumption, alarm:	max. 160 mA depending on type of operation
Relay contacts:	4 potential-free relay outputs, 30 V AC/DC and 1.0 A
Operating temperature:	0°C to +60°C
Storage temperature:	-20°C to +60°C
Humidity range:	max. 70% relative air humidity
Acoustic indicator:	Horn, 85 dB (at 1 m distance)
Optical display:	LCD display, LED display
Dimensions:	Height 170 mm, width 170 mm, depth 55 mm, weight approx. 800 g
Material / colour:	Plastic, light grey
SeCa reserve the right to make changes.	