

Advantage through innovation - SeCa CC100 SHE system

100 radio SHE control section

Function



The 100 radio SHE control section is for manually activating a 3a 100 radio SHE control panel. It includes lithium batteries.

It transmits alarms, tampering and status messages to the 3a 100 radio

SHE control panel or the 100 SHE radio repeater. It additionally signals alarms, tampering and malfunctions using an LED and horn on the alarm box itself. Radio transmission of status reports is handled according to EN 54-25 (can be set to 100–300 sec.). The alarm's system parameters (e.g., horn settings, status reports) are set by radio signal from the control panel. The 100 radio SHE control section furthermore operates as a **remote display and control device** for the SHE control panel (for reset functions, muting alarms, displaying interruptions of other radio components).

Item No.: 6500134

System features

Unique to the SeCa CC100 radio SHE system are its cascable radio repeaters, as well as its special project planning, commissioning and service functions. The most important are the automatic commissioning function, battery and signal strength measurement, detector calling, commissioning and maintenance logs, and event memory.

Additional significant advantages are its easy operation (resetting by radio from the control panel) and its need for less wiring thanks to the fact that the drive is radio controlled. Further information — including all system components — can be found in the SeCa CC100 SHE system overview.

Areas of application

A radio SHE system designed for use in stairwells for smoke-free escape and rescue routes, and for daily ventilation.

Technical data

Frequency:	Transmits via the ISM band
Broadcast technology:	bidirectional, synchronized synthesizer technology
Power supply:	2 square, type CR123A 3V 1400 mAh lithium batteries. Use only original batteries (item No. 5100154) or high-quality, tested batteries.
Rated current:	type 48 µA at factory default
Power consumption, alarm:	type 40 mA
Battery life:	approx. 2 years (with radio parameters at factory default), not counting alarm activations. Variation from factory default settings and extreme environmental conditions can shorten battery life by up to 15 months.
Operating temperature:	-10°C to +55°C
Storage temperature:	-20°C to +60°C
Humidity range:	max. 85% relative air humidity
Optical display:	LED displays for alarm (red), disturbance (yellow) and operation (green)
Acoustic indicator:	Horn, 70dB (at 1m distance)
Dimensions:	Height: 120mm, width 120mm, depth 30mm
Material/colour:	Plastic, orange

SeCa reserve the right to make changes.