

## Advantage through innovation - SeCa CC100 SHE system

### 100 SHE radio repeater

#### Function



The 100 SHE radio repeaters amplify the radio link between system components and the 3a 100 radio SHE system's control panel, as well as to other repeaters (cascading). It connects to a 230 V power source and includes an emergency power supply. It forwards status alarms and status reports from a maximum of 16 system components and 4 repeaters of the same model. In a SeCa CC100

SHE system, five 100 radio repeaters can be operated and up to three cascades can be built, which results in a **quadrupled range**. Radio transmission of status reports is handled according to EN 54-25 (can be set to 100–300 sec.). The device's system parameters are set by radio signal from the control panel.  
Item No.: 4400103

#### System features

Unique to the SeCa CC100 radio SHE system are its cascadable 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:	230V AC/12V DC integrated power adaptor, cable with plug included in delivery. Option: Fixed installation by cable feed at the rear of the housing
Emergency power supply:	2 x 3.6V lithium batteries, Type LS 14500, 2,450 mAh. Battery life 3 years (without emergency power situation). Use only original batteries with a nominal capacity of at least 2,450 mAh (item No. 5100158) or high-quality, tested batteries.
Rated current:	type 40 mA for status reports according to EN 54-25 and max. number of participants
Operating temperature:	0°C to +60°C
Storage temperature:	0°C to +60°C
Humidity range:	max. 85% relative air humidity
Optical display:	LED
Dimensions:	Height 200 mm, width 110 mm, depth 40 mm
Material/colour:	Plastic, grey
SeCa reserve the right to make changes.	