

Advantage through innovation - SeCa CC100 SHE system

3a 100 radio SHE control panel

Function



The 3a 100 radio SHE control panel is designed for connecting 24V drives, an SHE group, two signal lines (one for radio components, and one for wired detectors). 48 or 72 hours of emergency power operation possible. Ventilation control is integrated

into the control panel, and optional wind and rain control modules can be added. The 3a 100 radio SHE control panel manages 25 radio components; displays status reports from the radio components according to EN 54-25 (can be set to 100-300 sec.). Acoustic signalling of alarms received from other detectors can be individually configured. Broadcast technology: bidirectional, synchronized synthesizer technology, ISM band.

Item No.: 4200315 (48 hrs emergency power operation), 4200316 (72 hrs emergency power operation)

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
Supply voltage:	230V AC / 50 Hz
Operating voltage	24V DC
Emergency power supply:	Lead battery 2 x 12V/2Ah (4200315) or 2 x 12V/7Ah (4200316)
Power consumption:	720 mA
Deep discharge deactivation:	< 18.8 V
Output:	96W (24V/4A)
Drive output:	24V nominal voltage
Output current:	max. 4A
Operating temperature:	-5°C to +40°C
Humidity range:	max. 85% relative air humidity
Optical display:	LED displays in the door
Dimensions:	Height 270mm, width 320mm, depth 110 mm (4200315) Height 400mm, width 300mm, depth 120 mm (4200316)

SeCa reserve the right to make changes.