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SafeRoute[®]-System Mini, Basic and Standard

User manual

WN 059721 45532 – 2019-01

EN

1 About this document

1.1 Contents and purpose

This document explains the operation of the SafeRoute® escape route security system.

1.2 Target group

This manual is intended for the facility operator and user of the emergency exit door.

1.3 Documents storage

This manual is to be kept for the entire service life.

1.4 Symbols used

Safety instructions are marked with symbols. The safety instructions are introduced by signal words that express the extent of the hazard, e.g.:



WARNING

This signal word indicates a situation of potential risk, which could lead to death or serious injury if not averted.

2 Safety

2.1 Intended use

A SafeRoute® system is an electrical locking system for doors along emergency and escape routes and ensures that people can escape unhindered in the event of danger. SafeRoute® prevents the escape route from being misused. The intended use includes compliance with all information in this manual.

2.2 Obligations of the facility operator

Proper operation of the SafeRoute® escape route security system must be ensured. The users should be familiarized with the unit and the triggering and operating elements. Furthermore, it must be ensured that the maintenance intervals are observed. Maintenance must be arranged at least once a year in accordance with the inspection log.

2.3 Obligations of the user

Unit malfunctions must be reported to the facility operator immediately.

3 Product description

A SafeRoute® system is an electrical locking and monitoring system for doors along emergency and escape routes and ensures that people can escape unhindered in the event of danger.

Emergency exit door in normal operation:

The electric locking device is active. The locking device can be deactivated via the key switch. The status of the electric locking device is indicated by the integrated illuminated ring, e.g. if it hasn't locked successfully ("door open" monitoring). In addition, an audible alarm signal can sound.

Emergency exit door in the event of alarm/danger:

The electric locking device is deactivated by pressing the emergency button. At the same time, an audible and visual alarm is triggered.

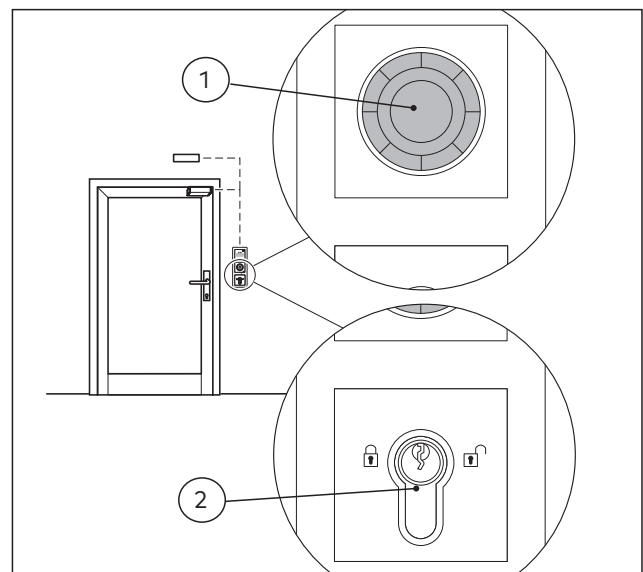


Fig. 1 Triggering and operating elements of a SafeRoute® system

Element	Function
Emergency button (1)	<ul style="list-style-type: none"> In normal operation: Door unit's status display In the event of alarm/danger: <ul style="list-style-type: none"> -deactivate electric locking device (triggers alarm) - alarm is signaled visually.
Key switch (2)	<ul style="list-style-type: none"> In normal operation: deactivate electric locking device (does not trigger an alarm) and reactivate After alarm trigger: reactivate the electric locking device

4 Operation

4.1 Deactivate the electric locking device in an emergency

1. Press the emergency button.
 - ▶ An alarm signal sounds.
 → **The electric locking device is deactivated.**

4.2 Briefly unlock the electric locking device

1. Insert the key into the profile cylinder.
2. Push the key to the right and hold for 1-7 s (default value < 8 seconds).
 - ▶ The electric locking device is deactivated.
 → **The unlocking time of 5 s (default value) runs out. Thereafter, the door locks automatically (door must be closed).**

4.3 Unlock the electric locking device long-term (from Standard license)

1. Insert the key into the profile cylinder.
2. Push the key to the right and hold for 8-14 s (default value 8 s).
 - ▶ The electric locking device is deactivated.
 → **The unlocking time of 5 min (default value) runs out. Thereafter, the door locks automatically (door must be closed).**

4.4 Permanently unlock the electric locking device

1. Insert the key into the profile cylinder.
2. Push the key to the right and hold for at least 15 s (default value).
 - **The electric locking device is deactivated permanently.**

4.5 Reactivate the electric locking device after unlocking

1. Close the door.
2. Push the key to the left.
 - **The electric locking device is activated.**

4.6 Turn off the alarm signal

1. Close the door.
 - ▶ The electric locking device is active.
 → **The alarm signal is turned off.**

If the alarm signal continues:

1. Push the key switch to the right and bring it back to the middle position.
 - ▶ The alarm signal is acknowledged.

If the alarm signal continues:

1. Push and hold the key to the right on the flashing emergency button's key switch.
2. Press the emergency button for 1 s and then release.
3. Push the key over the middle to the left and bring it back to the middle position.
4. Remove the key.
 - ▶ The electric locking device is active.
 → **The alarm signal is turned off.**

5 Maintenance

The facility operator commissions the maintenance. Maintenance is periodic and is performed by service technicians authorized by dormakaba.

Customer service

dormakaba Service can be reached at the toll-free number.

E-mail: service@dormakaba.com

Fax: +49 2333 793-3777



Other contact options:

- dormakaba - Technical Competence Center
Tel.: +49 2333 7932900
- Online repair order: www.dormakaba.com

dormakaba Service App for smartphone/tablet: Apple iOS Appstore or Google Android Playstore

6 Manufacturer's declarations and test certificates

Any required documents, such as e.g. the EC Declaration of Conformity, the manufacturer's Declaration of Conformity, and compatibility lists, are available at www.dormakaba.com.

7 Status display


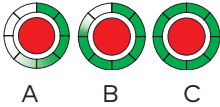



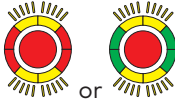

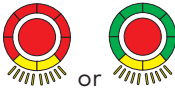
The door unit's status display is indicated via the illuminated ring on the emergency button. The LED segments light up or blink in color depending on the door status. In the event of an alarm, an alarm sounds as well.



WARNING

The service technician must be called immediately in the event of a permanent alarm or an unidentifiable display on the illuminated ring.

Table of displays on the emergency button's illuminated ring

LED display	Door status	Recommended procedure
1. LED display in normal operation		
	The electric door locking device is activated.	-
	The electric door locking device is A. briefly unlocked B. unlocked long-term* or C. permanently unlocked	-
2. LED display in case of alarm		
	"Door open" alarm (one yellow LED per locking device, here: 4 connected locks)	Turn off the alarm signal (see Ch. 4.6)
	Emergency button pressed	Turn off the alarm signal (see Ch. 4.6)
	Alarm system triggered	After resetting the fire detector or smoke switch, this alarm trigger is automatically reset.
	Tamper alarm red-yellow = locked door green-yellow = unlocked door	Check all the connected devices' housings for correct screw connection and seal them correctly if necessary. Turn off the alarm signal (see Ch. 4.6). If the alarm continues, call the service technician.
3. LED display in case of malfunction or maintenance		
 (no display)	Power supply is missing or emergency button is defective	Turn on the power. If the LED display does not change, call the service technician.
	Maintenance required • red-yellow = locked door • green-yellow = unlocked door	Inform the facility operator and/or call the service technician.

*Long-term unlocking from Standard license