

## SafeCall

# GSM-based emergency lift phone

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**SafeCall has been developed to easily equip lifts with 2-way speech communication.**

**The unit is also able to monitor the number of starts/stops made by the lift car and report to a service centre when the pre-set alarm limit is reached.**

**SafeCall is equipped with an emergency light, which is automatically activated in the event of power failure. An error message is also sent to a service centre.**

**The installation is very easy and effective; no land line with subsequent expensive subscription is required since all communication is done via the GSM network. This makes SafeCall a very cost effective solution.**

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### **Operation**

By pressing the alarm button 5 seconds the unit will dial a pre-configured number, send an alarm code (P100 alt. SMS) and go to emergency mode.

SafeCall is equipped with a back-up battery which power the GSM unit and the integrated emergency light. If external power should fail, SafeCall automatically switch to the back-up battery, activate the emergency light and send a message to the service centre. When external power is restored a confirmation will be sent to the service centre.

SafeCall has an "alive" function which report to the service centre every day to confirm operation. This function generates no cost.

A start counter for monitoring the lift car's starts/stops is integrated in the SafeCall. It can automatically notify the service centre when it is time for service.

SafeCall is delivered in a robust plastic casing for mounting on the roof of the lift car. The unit is connected to the lift car's current emergency button.

Siren and battery back-up is included, providing a total upgrade of the lift's emergency system. Installation is approx. 1 hour.

A great benefit with SafeCall is its easy and effective installation as well as the very low operating costs. Please contact us for some comparative estimates.

### **SafeCall PC-Programme**

The software enables the service centre to effectively handle all information about the lifts, such as address, entrance codes and other relevant information which will be presented automatically with an incoming alarm.

The operator is able to make notes together with an incoming error message from a lift car. Everything is included in a work order which through the software can be sent, via SMS or email, directly to a service vehicle.

### **Configuration**

The unit is programmed with a user friendly pc programme, SafeCall Config Tool. Settings are made for which functions should generate alarms and where they should be sent, e.g. error message to service centre, emergency calls to alarm centre. All settings can be remotely configured by the service centre's software.

### **GSM**

A GSM module is integrated in the SafeCall; it is controlled by a processor which also handles all communication with I/Os.

### **Inputs**

SafeCall has 3 inputs which connects with the alarm button, the start counter and the operations control.

### **Outputs**

Outputs power the 5W emergency light, the back-up battery and microphone/speaker.



## TECHNICAL SPECIFICATION

### Power supply

Voltage range	15- 40VDC / 15 - 25VAC
Current consumption nom. @12VDC	50mA
Current consumption max. @12VDC	2A
Air temperature in storage	-55 to +125 °C
Air temperature when in use	-20 to +55 °C

### GSM

Siemens DualBand GSM-modem 900/1800MHz  
 ETSI GSM Phase 2+ standard  
 1900 Mhz at request

### CPU

ATMEL, [www.atmel.com](http://www.atmel.com)  
 CMOS 8-bit microcontroller

### Battery Back-up

12V 2,3Ah or more at request

### Alarm panel

The unit is delivered with an alarm panel for surface mounting. In the alarm panel are included: emergency light 5W, microphone, speaker and LED indication for active call.

### Connections

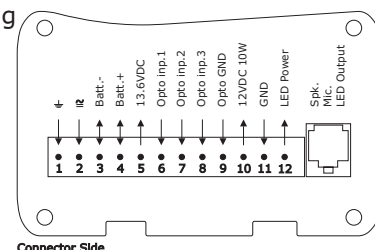
12-pin Phoenix Mini-Combicon Jackbar screw terminal block with 3.81mm pitch. 1,5mm<sup>2</sup> max cable area,  
 6-pin RJ12 contact,  
 10-pin programming contact

### Casing

The unit is delivered in a robust plastic casing for mounting on the roof of the lift car.

### Size and weight

Size L x W x H 106 x 68 x 42 mm  
 Weight 290g



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