



Product catalogue

English

SafeLine 

Your partner in lift safety

**Let us show you
the possibilities**



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SafeLine for Installers

The installer's choice

Products tailored for the specific needs of the industry - made to simplify your work.

We know you

"For lift people, by lift people" is not just one of our past slogans to us - it's our history. We design our products for the lift industry, and we can offer you a wide range of those products. This means a great deal of flexibility for you as a client to get what you want. SafeLine does what SafeLine does best - lift safety equipment.

Reliable and very easy-to-install products

Plug and play-installations, wireless configuration and top-of-the-line quality. SafeLine offers you products that will simplify and streamline your work. Get the job done quicker with no more extra visits to the installation site.

Our high-quality is your profit

We know that our choice for the best electronic components, integrated quality control and stringent final checks affect our production cost. We also know what it costs to be in a lift cabin and finding that your new telephone is faulty, or even worse - when you have to go back to troubleshoot a brand new installation. A high-quality product is not only the installer's choice - it is also the cost-effective choice.

SafeLine for Property Managers and Consultants

One step ahead of our competitors - always

Over 250 000 installed lift telephones in Europe and 20 years of experience in the business

20 years of experience

SafeLine is a company that began with one man's ambition to change the lift industry and after 20 years in the business we can proudly say we are a well known and respected brand in the industry. We are the largest manufacturer specializing in lift safety in Europe with over one hundred employees in the SafeLine Team.

We have an impact on future regulations

Not only do we know and fulfill all the required norms and regulations, but we are also on the standardization committees. We know of the changes to these regulations a long time before they are even implemented, which gives us time to adapt our products to the new directives and ensures that you have the most secure and conforming systems today and tomorrow.

Less downtime for your lifts

SafeLine has a leading position in the development of safety accessories for lifts. Our high quality products have a longer life-span than our competitors' and causes less trouble. This means less downtime and less service calls for your lifts and is what makes SafeLine's products the cost-effective choice.





SafeLine for Distributors

We deliver what we promise

20 years of successful co-operations with distributors

Long-lasting partnerships

Long partnerships are based on a mutual understanding of how the business should be conducted. SafeLine has been long-time partners with Swedish distributors since 1997 and international since 2008. We have a long experience of working with distributors – and with great experience comes great responsibility. Our partnerships matter to us and it is important for us to deliver what we have promised.

Give your clients the benefits of a market leader

SafeLine offers you the innovative force of a market leader. A steady flow of new and enhanced products to drive your business forward and support the sales effort you put into your market.

Dedicated sales support

We offer great sales support for all our clients, which means that we are available to assist you with all your business every step of the way. Do you want to be there for your clients in the same way? Give us a call.

High quality products - the sustainable choice

Our efforts towards a circular economy

We actively work to reduce our energy consumption & to develop energy efficient products. We have an environmental perspective that reaches all the way from development to transportation. With our qualitative and innovative products we also help our customers to reduce their consumption and environmental impact.

We do thorough and careful testing of our products before they are sent out to customers. If, by any chance, there is something wrong with the products, we always ensure that our customers send their products back to us for re-using before a new one is shipped. When scrapping a product we always make sure to recycle as much of the product's parts as possible. We re-use before we recycle.

We always weigh in environmental impact when we choose suppliers, we coordinate our deliveries and always try to reduce reloading of shipments. When you choose SafeLine you can be sure that your products will reach you in a way that is as environmentally friendly as possible. We optimize transports and make demands on our suppliers.

Do you want to know more about our environmental work and what stance SafeLine has taken to reduce our environmental impact? Download and read our environmental policy. Do you have any suggestions as to how we can further improve our environmental work? Do not hesitate to get in touch with us then and share your thoughts.



Your partner in lift safety

SafeLine is a Swedish company that manufactures safety accessories for lifts. We have over 250 000 installed lift telephones which makes us the largest independent manufacturer specializing in lift safety products in Europe.

Our recipe is simple: we produce good quality products that are simple to install and easy to configure. Our products are tailored for the lift industry. Many other companies, often native to other electronic industries, try to sell you modified products that just barely meet the requirements for safety. We at SafeLine focus on the lift industry only, with superior products as a result. With over 20 years in the business and 100 employees representing us in over 25 countries, we feel proud and confident calling ourselves your partner in lift safety.

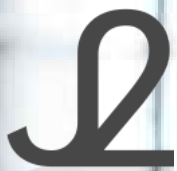


We give you the freedom of choice

When you choose SafeLine as your partner in lift safety, you never have to worry about our products not being in compliance with current standards and regulations. All our products meet the European demands in accordance with the EN 81-28 and EN 81-70.

When you choose SafeLine you can also be sure to have the freedom of choice. SafeLine is completely independent from any lift manufacturer and we never tie our clients to a certain product, service or partner. Because of this we cannot and will never compromise the quality of our products, thus only by leading the development and having the best products on the market we can go on being number one. This ensures your future freedom of choice to choose whatever suits you the best.





A brief history

SafeLine began as a one-man-business and was driven by one man's ambition to change the lift safety industry. In 1995, Lars Gustafsson started producing lift products in his basement in Tyresö, Stockholm, focusing on the lift installer with the motto: "for lift people, by lift people". The business quickly grew out of the basement, proving there was a great demand for installer-friendly and high quality lift products. 20 years later, Lars still play a big part in the development of SafeLine's products and its continued successes.

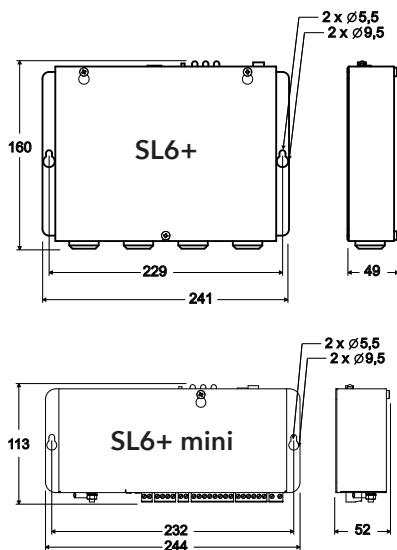
In 2015, the Swedish shareholding company J2L acquired 75 % of SafeLine, enabling a quicker growth within the European market and guaranteeing a strong ownership as well as a European presence. With J2L essentially securing the future of the company, SafeLine can continue for many years being the leader of the independent lift safety market in Europe.

Lift emergency telephones

At the very core of our business, SafeLine lift emergency telephones offer innovative and long-term solutions for all types of lifts and lift controllers. Our telephones are developed as a combination of the client's demands, safety regulations and with a long experience of safety accessories for lifts.



SafeLine SL6+



The complete alternative for all types of buildings

Typical installation:	Machine room
GSM 4G:	Yes
Wireless configuration:	Yes
Battery backup:	Yes
Voice stations:	6



Over 100 000 sold systems - keeping European partners safe today and tomorrow

The SL6+ system is highly adaptable to user needs and can be placed in all relevant positions of the lift shaft without statics.

Using SafeLine bus system technology with only four cables for communication between the system's units, cabling is very much painless and efficient. The automatic test alarms, as well as microphone and speaker tests,

are in full accordance with EN81-28 and ensures system functionality at all times.

With the different versions of communication, the many voice stations and the support for fire intercom - you are sure to find one version suited just for your project.

If you are uncertain which version to get, remember you can always supplement your SafeLine SL6+ hardware with an additional GSM board at any time.

Technical information

For all types of buildings
Connect up to six voice stations
Built-in wireless configuration
Intercom/fire intercom support
Flexible options for GSM
Wide range of voice stations
Fallback functionality
Battery backup
Fulfills EN81-28 and EN81-70

Technical data

Power supply
230 VAC

Output voltage
12 VDC

Battery
12 VDC, 1,2 Ah

Relay
Max 1 A/30 VDC

IP
IP20

Inputs
10-30 VDC, 5 mA

Antenna connection
SMA (SL6+ GSM and 4G)

Effect
230 VAC, 6-10W

Size (HxWxD)
241 x 160 x 47 mm

Weight
1700 g

Other
BLE 4.0, 2,4 GHz

SafeLine SL6+ variants

SL6+ PSTN



*SL6

- Landline, ideal for buildings with installed phone lines
- For installation in machine room or shaft

SL6+ GSM



*SL6-GSM

- Reduce costs with GSM
- Micro SIM card
- Only one mobile subscription for all voice stations
- For installation in machine room or shaft

SL6+ GSM/4G



*SL6-4G

- Up to 4G capability, future-proof communication
- Reduce costs with GSM
- Micro SIM card
- Only one mobile subscription for all voice stations
- For installation in machine room or shaft

SL6+ Mini PSTN



*SL6-MINI

- Landline, ideal for buildings with installed phone lines
- For installation in controller cabinet

SL6+ Mini GSM



*SL6-MINI-GSM

- Reduce costs with GSM
- Micro SIM card
- Only one mobile subscription for all voice stations
- For installation in controller cabinet

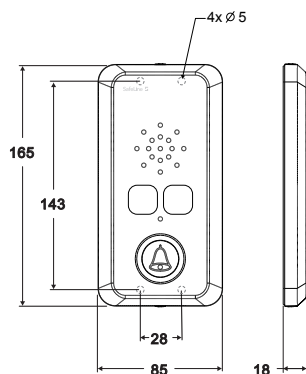
SL6+ Mini GSM/4G



*SL6-MINI-4G

- Up to 4G capability, future-proof communication
- Reduce costs with GSM
- Micro SIM card
- Only one mobile subscription for all voice stations
- For installation in controller cabinet

SafeLine SL6+ Voice Stations



Voice stations for all different types of lift cars

Typical installation: Cabin
Wireless configuration: Yes

*SLB3-SMD-PIC-B

The thin voice station for the SL6+ featuring a LED light button

An updated and even thinner version of the voice station for the SL6+. This sleek design allows for the station to truly blend in with a uniform look and comes with a strong LED light

button for extra visibility during power outages. As part of the SLB3 series, this voice station comes with only one address selector, so you don't have to bother with setting up the station's address manually. Mounted with only two screws for a quick and smooth installation.

Technical information

Thin design
Strong LED light button
Pictogram lenses for enhanced visibility
Only one address selector
Quick installation with only two screws
JST connection

Technical data

Power supply
10-30 VDC

Current consumption
50-160 mA, 12 VDC

IP
IP43

Inputs
10-30 VDC

Outputs
2 x 12-24 VDC (negative)

Size (HxWxD)
165 x 85 x 18 mm

SafeLine SL6+ Voice Stations

Surface mounting

For a quick and easy installation – these surface mounted versions are installed adjacent to the car operating panel in the lift car with only a couple of screwholes.

Pictogram lenses and button



*SLB3-SM-PIC-B

- Pictogram lenses for enhanced visibility
- Alarm button
- JST connection
- Size: 136 x 78 x 16

Pictogram lenses



*SLB3-SM-PIC

- Pictogram lenses for enhanced visibility
- For connection with external alarm button
- JST connection
- Size: 136 x 78 x 16

Pictogram lenses and emergency light frame



*SLB3-SM-PIC-L

- Pictogram lenses for enhanced visibility
- Strong transparent emergency light frame
- For connection with external alarm button
- JST connection
- Size: 136 x 78 x 16

Pictograms and button



*SLB-SM-PIC-BUT

- LED pictograms
- Alarm button
- Size: 155 x 90 x 32

Pictograms



*SLB-SM-PIC

- LED pictograms
- For connection with external alarm button
- Size: 146 x 86 x 20

Pictograms and LED frame



*SLB-SM-PIC-LIGH

- LED pictograms
- Strong emergency LED rail lighting
- For connection with external alarm button
- Size: 147 x 87 x 30

Without pictograms



*SLB-SM

- For integration with existing pictograms and/or button
- Size: 146 x 86 x 20

SafeLine SL6+ Voice Stations

COP mounting - for installation in panel

The design that lets you incorporate the voice station into the already existing panel – a flexible version with minimal changes to the interior of the lift car. For connection with external alarm button.

Pictogram lenses



*SLB3-COP

- Pictogram lenses for enhanced visibility
- Easy mounting with adhesive tape
- Screw connection
- JST connection
- Size: 88 x 52 x 13 mm

LED indication



*SLB-COP2

- LED pictograms
- Easy mounting with adhesive tape
- Screw connection
- RJ45 connection
- Size: 86 x 53,5 x 14,5 mm

LED indication, low profile



*SLB-COP2-L

- LED pictograms
- Easy mounting with adhesive tape
- Low profile version, suited for minimal space
- RJ45 connection
- Size: 86 x 53,5 x 16 mm

With metal frame



*SLB-COP

- LED pictograms
- Metal mounting frame
- Screw connection
- RJ45 connection
- Size: 100 x 80 x 18 mm

With metal frame, low profile



*SLB-COP-L

- LED pictograms
- Low profile version, suited for minimal space
- RJ45 connection
- Size: 100 x 80 x 16,5 mm

SafeLine SL6+ Voice Stations Flush mounting

For integrated mounting to the car wall – an option letting you save both physical space in the lift car as well as keeping the unit safe from vandalism.

Pictogram lenses



*SLB3-REC-PIC

- Pictogram lenses for enhanced visibility
- JST connection
- For connection with external alarm button
- Size: 155 x 90 x 28

Pictogram lenses and light button



*SLB3-REC-PIC-BL

- Pictogram lenses for enhanced visibility
- Strong LED light button
- JST connection
- Size: 155 x 90 x 28

Pictogram lenses and button



*SLB3-REC-PIC-B

- Pictogram lenses for enhanced visibility
- Alarm button
- JST connection
- Size: 155 x 90 x 28

Pictograms and button



*SLB-REC-PIC-BUT

- LED pictograms
- Alarm button
- Size: 155 x 90 x 28

Pictograms



*SLB-REC-PIC

- LED pictograms
- For connection with external alarm button
- RJ45 connection
- Size: 155 x 90 x 26

Without pictograms with emergency LED



*SLB-REC-LED

- LED pictograms
- Strong emergency LED
- RJ45 connection
- For connection with external alarm button
- Size: 150 x 100 x 26

Without pictograms



*SLB-REC

- For connection with external pictograms/button
- RJ45 connection
- Size: 155 x 90 x 26

SafeLine SL6+ Voice Stations For car roof or pit installation

The station letting service technicians communicate with the machine room unit and call centre when performing maintenance. Can be placed on top of the car or in the lift pit depending on preference.

Standard unit



***SLB-RD**

- Size: 140,5 x 57 x 31 mm

Alarm button



***SLB-RD-BUT**

- Alarm button

- Size: 140,5 x 57 x 32 mm

Light button

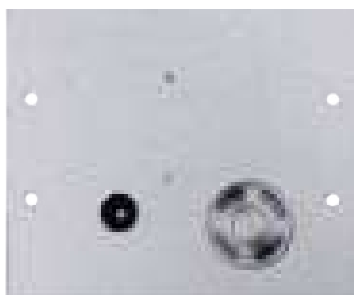


***SLB-RD-BL**

- Strong LED light button

- Size: 162 x 62 x 34,4 mm

COP mounting with separated speaker and microphone



***SLB-COP-SEP**

A voice station suited for installation behind the car operating panel with limited depth to spare. The station is delivered with microphone and speaker separated, with the speaker on the side, to minimize the unit's depth.

Size: 95 x 140 x 15 mm

Accessories for SL6+

Interface board CANopen



*SL6-CAN-BOARD

A flexible interface board that makes the SL6+ compatible with CAN bus-technology and the software CANwizard. The board is installed easily in the unit and is then compatible with the CAN bus system. Letting users easily combine the powerful functions of the SL6+ with the benefits of CANopen technology.

Interface board GSM



*SL6-GSM-BOARD

An exchangeable GSM board supplementing the SL6+ with GSM connection. Enables the use of fallback functionality – making sure your SL6+ is always functional, even during disruptions of the landline or the mobile net.

Interface board 4G



*IF-BOARD-4G

An exchangeable GSM board enabling connections up to 4G for the SL6+ and the GL6. Enables the use of fallback functionality – making sure your SL6+ is always functional, even during disruptions of the landline or the mobile net.

SLB RJ45 to connector



*SLB-IF1

Connection board for the SL6+ connected in between the main unit and the voice station with two RJ45 connectors. Sharing the same connections as on some of the SL6+ voice stations, it is highly suitable for installations where there is not enough room for a screw terminal on the voice station. Can be mounted using adhesive tape or on a DIN-rail.

SLB IF Potential free pictograms



*SLB-IF2

Connection board for the SL6+ connected in between the main unit and the voice station with two RJ45 connectors. The board enables potential free control of external pictograms connected to the screw terminal and is easily mounted using adhesive tape.

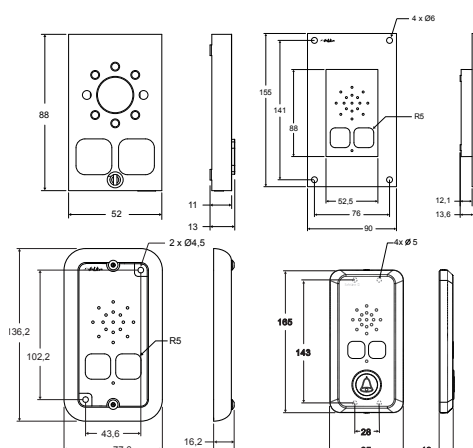
Adapter RJ45 (x3) to screw terminal



*RS3

RS3 is a multi-outlet converter designed with one screw terminal and three RJ45 outlets (car, car roof/pit) for smooth plug and play connection – meaning easier and quicker connection between SL6+ and several voice stations. The RS3 is usually mounted in the connection box on the car roof using the pre-drilled holes for DIN-rail mounting or with the provided adhesive tape.

SafeLine MX3+



Minimal size - great flexibility

Typical installation:	Cabin
GSM 4G:	Optional
Wireless configuration:	Yes
Battery backup:	Optional
Voice stations:	2

The optimal lift safety solution for machine room-less lifts or projects in need of easy and quick modernization - without cutting functions or quality

The MX3+ is probably the world's smallest lift telephone on the market today and is the lift telephone system from SafeLine that requires the least amount of wiring possible. With just one unit necessary to fulfil the EN81-28 - it is undoubtedly our most installation-friendly choice to date and is perfect for projects or buildings with

limited, or very limited physical space as well as buildings in need of quick and easy lift safety modernization.

Simply connect the MX3+ to a power source with the provided plug and play cables, mount the system in the lift car and configure it easily with the SafeLine LYNX app (previously CONNECT). Easily add an additional voice station if needed (for instance car roof station) for a fuller system - all with just one unit in the car.



Technical information

- One-unit system
- Minimum wiring
- Compact size
- Built-in wireless configuration
- Connect extra voice station
- Connect external pictograms/siren
- Adjustable delay for connection of calls
- Plug and play cables
- Up to nine telephones on one phone line

Technical data

- Power supply**
10-30 VDC
- Current consumption**
50-160 mA, 12 VDC
- IP**
IP43
- Inputs**
10-30 VDC
- Outputs**
2 x 12-24 VDC (negative)
- Other**
BLE 4.0, 2,4 GHz

SafeLine MX3+ variants

COP mounted for installation in panel



***SLMX3-COP2 / *SLMX3-COP**

This version of the MX3+ is delivered as a COP for mounting with adhesive tape behind the car operating panel, for use with an already existing front panel and comes with either LED pictograms for status indication or with backlit pictogram lenses.

Size: 89 x 53 x 12 mm

Surface mounted with new design, pictogram lenses & alarm button



***SLMX3-SMD-PICB**

This version of the MX3+ is intended for surface mounting, a quick mounting option with only two screws. The uniform-looking Surface Mount Design is a first of its kind and features both integrated pictograms and an improved larger alarm button with LED lighting for increased safety awareness.

Size: 165 x 85 x 18 mm

Surface mounted with pictogram lenses



***SLMX3-SM-PIC**

This version of the MX3+ is delivered with a front plate and integrated pictogram lenses for surface mounting. A mounting option with only two screws that allows for a quick installation.

Size: 136 x 77,5 x 16 mm

Surface mounted with pictogram lenses and alarm button



***SLMX3-SM-PICB**

This version of the MX3+ is delivered with a front plate and an integrated alarm button for surface mounting. An all-in-one mounting option with only two screws that allows for a quick installation.

Size: 155 x 90 x 31 mm

Flush mounted with pictogram lenses



***SLMX3-REC-PIC**

This version of the MX3+ is delivered with a front plate and integrated pictogram lenses for flush mounting. An integrated and discrete alternative that keeps the lift telephone safer from external damage.

Size: 155 x 90 x 12 mm

Flush mounted with pictogram lenses and alarm button



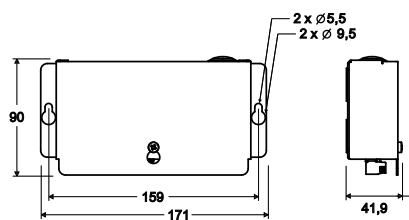
***SLMX3-REC-PICB**

This version of the MX3+ is delivered with a front plate, and an integrated alarm button for flush mounting. A discrete all-in-one alternative that keeps the lift telephone safer from external damage.

Size: 155 x 90 x 22 mm

SafeLine SL2

*SL2



The cost-effective choice for up to three stations

Typical installation:	Car roof
GSM 4G:	Optional
Wireless configuration:	No
Battery backup:	No
Voice stations:	3

A compact sized three-point unit with external possibilities

This compact unit is mounted easily with a screw terminal on the roof of the lift car and functions as a main unit with several possibilities for connections of voice stations, external pictograms and external alarm button.

Equipped with a complete three-point communication system, this means that two extra voice stations can be connected to the SL2 besides the one that is already integrated with the

main unit, making connection of extra voice stations in the lift car and pit possible. This in combination with outputs for external pictograms and an external alarm button allows for wide flexibility to tailor the unit depending on the lift's conditions.

It is also easy to install a GSM option for the SL2. The GSM unit, for instance a GL6, is also mounted on the roof of the lift car, which makes shifting between landline and GSM very easy without re-configurations.

Technical information

Connect two extra voice stations
Outputs for external pictograms
Screw terminal for flexible installation
SafeLine ProLink compatible

Technical data

Emergency signal button
NO / NC

Inputs
10-30 VDC

Effect
10-30 VDC, 40-70 mA

Size (HxWxD)
90 x 171 x 42 mm

Weight
470 g

Accessories for SL2

Alarm button with speaker



***LT-STAT01**

The optional separate alarm button (NO) for the SL2 with integrated microphone - for mounting below or on the top of the car. Quick installation by using the included flat cable (5m) with the RJ12 connector and self-drilling screws.

Size: 69 x 39 x 31 mm

Voice station with alarm button



***LT-STAT02**

The voice station for mounting below or on top of car for SL2. Equipped with an integrated speaker, microphone and alarm button (NO). Quick installation by using the included 5-meter flat cable with the RJ12 connector and self-drilling screws.

Size: 129 x 53 x 31 mm

Voice station with microphone and speaker



***LT-STAT04**

The compact voice station for SL2 with integrated speaker and microphone - offering great voice quality also in noisy or difficult ambience. The unit is discretely integrated in the car operating panel with almost no installation time, using the included flat cable (5m) with RJ12 connector.

Size: 70 x 49 x 14 mm

Voice station with emergency button, microphone and speaker



***LT-STAT05**

The SL2 voice station for installation on wall or on top of/under car, equipped with integrated speaker, microphone and emergency button (NO). An easy all-in-one solution, quickly installed using the included 5-meter flat cable with RJ12 connector and self-drilling screw.

Size: 77 x 105 x 31,5 mm

Voice station "Drop-and-Go", microphone



***LT-STATDG02**

A microphone unit for SafeLine's TTR replacement and SL2. Comes with a 5-meter cable, meaning great freedom of placement in the car for optimum sound quality from the lift cabin. The microphone is noise-reducing, suppressing electrical noise and helping to ensure high quality of sound.

Size: 18 x 50 x 18 mm

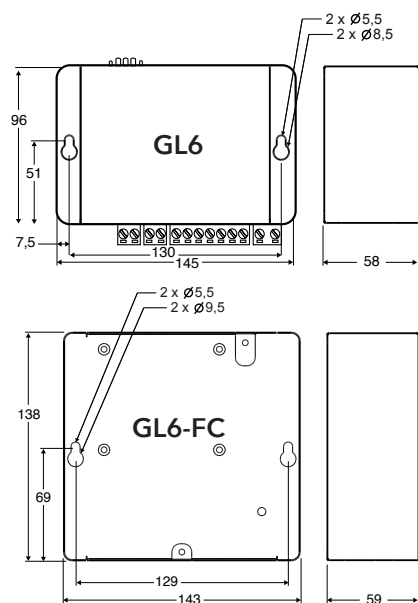
SL2 Pictogram Inverter



***PICT-INV-01**

Enables quick conversion of the SL2's pictogram signals for greater compatibility with lifts from any manufacturer and is mounted easily with two supplied screws.

GSM gateway SafeLine GL6



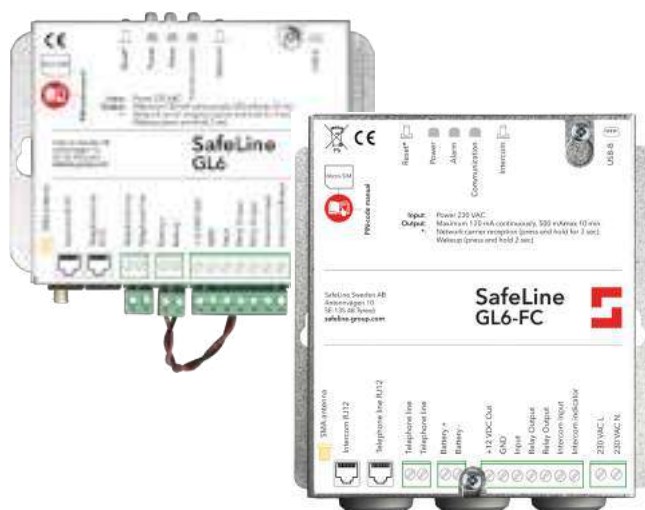
The multi-functional GSM option

Typical installation:	Machine room
GSM 4G:	Yes
Max units:	9
Battery backup:	Yes
Intercom:	Yes
LMS:	Yes
Ext. in-/outputs:	Yes

The GSM option with integrated battery backup and intercom, letting up to nine SafeLine telephones share one mobile subscription through serial wiring or parallel connection

The GL6 is the GSM-alternative that replaces the telephone line and can be placed in the machine room, the lift shaft or on the roof of the lift car.

Owing to several smart functions, the GL6 is the most powerful and all-in-one GSM option SafeLine has to offer. The GL6 provides GSM for up to nine SafeLine telephones, with serial wiring or parallel connection, and lets the telephones cost-effectively share only one mobile subscription. The unit's integrated battery backup ensures



the operation of GL6 even during power failures, something that even up to three SafeLine telephones (for instance the MX3+) can use too by being connected to the GL6 - ensuring continuous communication.

If several telephones are connected to the GL6, these can be used for intercom thanks to the unit's built-in intercom functions. The intercom is then activated through a button on the main unit or with an external button, which enables simple communication between telephones. The GL6 also have the possibility to send text messages to users in the event of battery failure or loss of mains electricity for example.

Technical information

GSM for up to nine lift telephones
Integrated battery backup
Intercom
Compatible with SafeLine Pro on-site
Included 3 dB antenna with magnetic foot
Advanced surveillance functions

Technical data

Battery
12 V, 0.8 Ah

Relay
1 A/30 VDC

Inputs
10-30 VDC; 5 mA

Included antenna cable length
3 m

Antenna connection
SMA

Effect
230 VAC, max. 9 W

GSM gateway SafeLine GL6 variants

GL6



*GL6

The standard GL6 delivered in a robust metal housing with keyholes for screw mounting and compatible with SIM-cards of the Micro model. Two self-drilling screws are also included for quick and smooth installation.

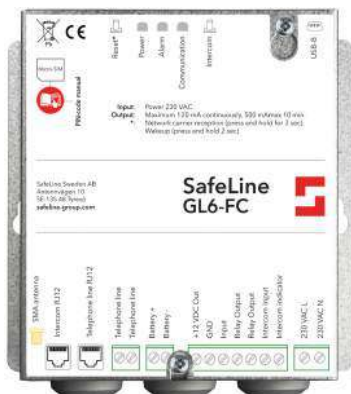
GL6 4G



*GL6-4G

The GL6 4G is the mobile alternative built for the future, making sure the system meets the technical demands of tomorrow. It is delivered in a robust metal housing with keyholes for screw mounting and is compatible with SIM-cards of the Micro model.

GL6 Full Casing



*GL6-FC

This version of the GL6-FC is delivered with a full casing for increased safety in the installation environment and is compatible with SIM-cards of the Micro model.

GL6 4G Full Casing

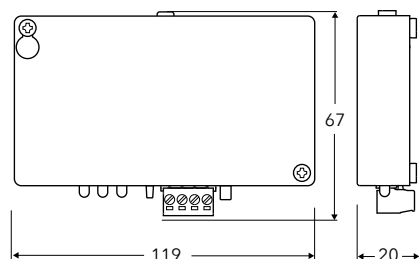


*GL6-FC-4G

The GL6 4G is the mobile alternative built for the future, making sure the system meets the technical demands of tomorrow. It is delivered with a full casing for increased safety in the installation environment and is compatible with SIM-cards of the Micro model.

GSM gateway SafeLine GL1

*GL1



The cost-effective GSM option

Typical installation:	Machine room
GSM 4G:	No
Max units:	9
Battery backup:	No
Intercom:	No
LMS:	No
Ext. in-/outputs:	No

The practical GSM option for SafeLine's emergency telephones

This GSM-alternative replaces the telephone line and can be placed in the machine room, the lift shaft or on the roof of the lift car. The GL1 is delivered in a robust metal housing with key holes for screw mounting, done easily with the supplied two self-drilling screws or alternatively mounted on the supplied DIN-rail bracket.

The GL1 is the simple GSM option that provides GSM for up to nine connected SafeLine units and has a

very compact size that is easily fitted into the installation environment. Configuration is done with the software SafeLine Pro through a USB Mini-connection.

An antenna with a three-meter cable is also supplied with the product, but is easily extended with the help of a 5- or 10-meters extension cable if reception is limited. The GL1 is furthermore completely independent of mobile operators and is compatible with SIM-cards of the Micro model.

Technical information

GSM for up to nine emergency telephones

SafeLine Pro-compatible

Compact size

DIN-rail mounting possible

Antenna with a 3-meter cable is included

Technical data

Power supply
10 - 30 VDC

Current consumption
12 VDC, 50-250 mA

Included antenna cable length
3m

IP
IP20

Antenna connection
SMA

Size (HxWxD):
81 x 121 x 24 mm

Surge protectors and other accessories

EDL170 Surge protector PSTN



***EX0014**

Surge protection device for the fixed telephone line PSTN. Maintenance free with automatic reset. The fuse is pluggable and can easily be replaced if needed. For DIN-rail mounting.

ED210 Surge protector 230V



***EX0015**

Surge protection device for one-phase 230 V units. Maintenance free with automatic reset. The fuse is pluggable and can easily be replaced if needed. For DIN-rail mounting. Install the surge protection device as close to the unit as possible for best possible protection.

LP1 Surge protection



***LP1**

LP1 is an external lightning protection that connects to the analogue telephone line. Protects the telephone line from high transients.

Handset for intercom and configuration



***COMPHONE**

The handset that can be connected to any of SafeLine's emergency telephones with a main unit, for simple configuration or for on-site recording of an identification message to the call centre operator. When connected to an SL6+ main unit, the handset can be used for communication to stations, as well as a normal telephone for external calls.

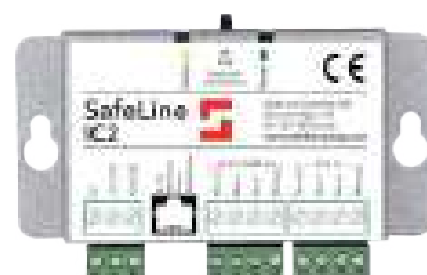
GSM antenna with magnetic foot, SMA



***GSM_ANTMAG05**

3 dB antenna for GSM 900/1800 with RG58 cable to minimize signal loss and for connecting to SafeLine GSM products. By using the magnetic foot, the antenna is placed in upright position on a metal surface for best possible reception. For standard antenna contact (SMA) only.

IC2 intercom



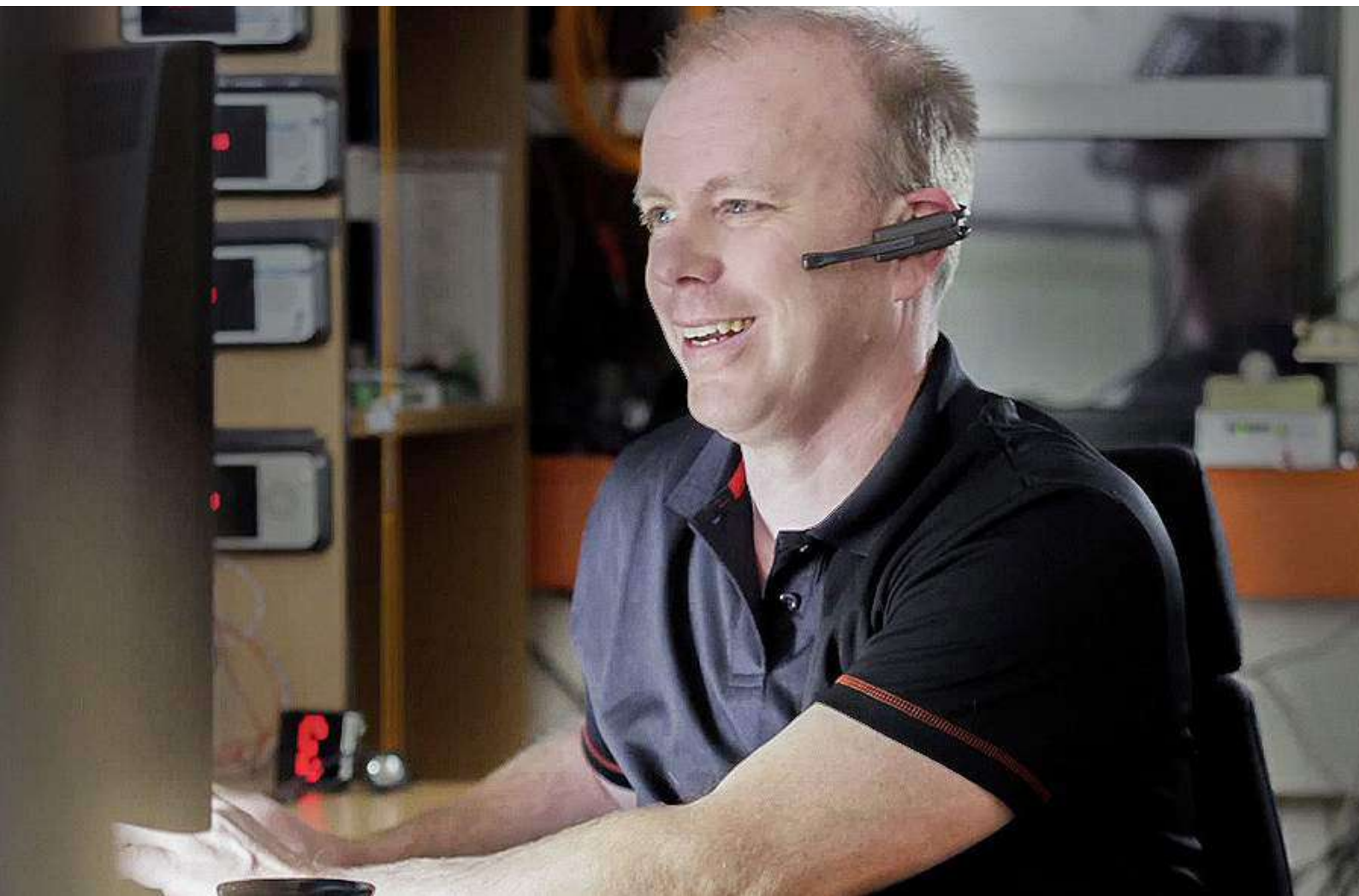
***IC2**

For simple and cost-effective intercom between machine room and lift car. For use with lift telephone systems where the main unit is not placed in the machine room, such as the MX3+. Simply plug in the IC2 in the machine room and connect a handset for communication between the lift car and machine room.

Need support? Follow these steps

Most of the issues clients have with our products come from misunderstandings and are easily fixed. If you are one of the unlucky few (0,09 %) that are experiencing issues with your product and want to use your warranty however – follow the steps below and we will help you.

1. Call your local support team – they will guide you through a troubleshooting of the product and check if the problem is easily fixed.
2. If the problem persists – fill in the service form which can be downloaded from our website. A detailed description of the fault must be given in the form. It is also in this step important to get the contact information correct, so we can notify you when we have recieved the product.
3. Send the product to your local distributor. They will then send the product to us for service and you will receive a confirmation email when we have received your product.
4. Our technical experts repair your product. If you have a warranty this step is of course completely free of charge. If not, our prices for repairs are always fixed, so you may know the price before sending your unit to us. If the damages to the product are too severe for repairing you can always buy an exchange product at a reduced cost.



SafeLine Galaxy





SafeLine ORION

Let lifts come to you

One accessible digital platform - gathering all your SafeLine monitoring through one subscription service.

SafeLine ORION gathers your SafeLine monitoring into one accessible digital platform. Through ORION, your devices are connected in one galaxy, where ORION is at the centre of it all.

See the current status and configure all your connected SafeLine devices from the comfort of your office. The easily surveyable interface with

a map view and lists of active units, enable you to delegate and get an overview of the work at hand. With the many tools so easily and quickly at hand, customers can perform all sorts of tasks online, like performing and disabling alarm tests online.

The effective overview of all your units and the work that needs to be done, allows you to easily plan ahead - avoiding the paperwork otherwise associated with such tasks.

Technical information

Digital platform for all your connected SafeLine devices

Map view of active units

Effective planning of maintenance

Real-time information and notifications

SafeLine ORION galaxy

SafeLine LYRA



LYRA

SafeLine LYRA is an independent monitoring unit that can be used for all brands of lifts - letting you analyse and optimise planning by predicting maintenance - regardless of lift manufacturer. Contact your local partner for more information.

SafeLine SL6+

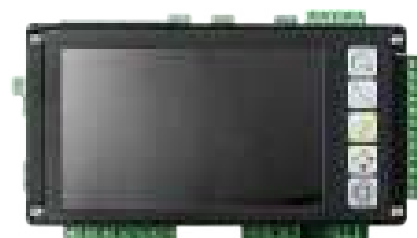


SL6+

Using GSM or IP technology, you are able to easily connect your existing SafeLine SL6 telephones with ORION.

Perform alarm tests, access technical logs and see the current status of your connected units from the comfort of your office.

THOR



THOR

Configure your controller and all its connected devices remotely from wherever on earth - only choosing and paying market prices both for services and products with the CANopen-Lift protocol.

The Voyage - SafeLine Star Concept

For thousands of years, man has looked to the skies in wonder. The beauty and sheer incomprehensible vastness both fascinate and scare us. What's all this got to do with lift safety you might ask? A great deal, we say. As pioneers in this business, SafeLine always strive to journey where no one has gone before - to be first. We are used to venturing into the unknown.

As much as people in past times have looked to the night skies for knowledge and inspiration, it has also been the source of many innovations. The reliability of the stars has made it a prime tool for navigation of the seas. The Polaris, or the North star, lies nearly in a direct line with the Earth's rotational axis and stands almost motionless in the sky, with all the stars of the northern sky appearing to rotate around it. A guiding star in the sky.

This is something that resonates well with SafeLine as a company. It is also our promise to you. As European market leaders in independent lift safety, we want to be a reliable source of information for our customers, as well as a manufacturer of reliable lift products - to provide that little extra. To always voyage beyond a supplier of products - being your partner in lift safety.

If you are one of those people imagining far away worlds and galaxies, join us in our journey. Together, we will explore and push the limits of what is possible. You'll be surprised of what we can achieve.



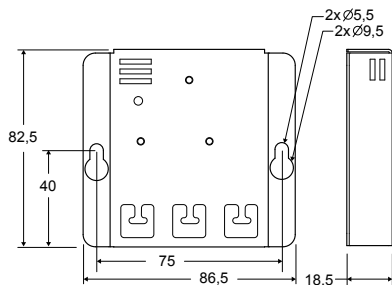
Floor displays & voice announcers

One type is never right for everyone. That is why our floor displays come in a wide range of different functions and colors to suit all needs, and are on top of that very easy to install.



IPS - Independent Positioning System

*IPS



Floor indication detached from lift controller

Typical installation: Car roof
Wireless configuration: Yes

Actual size



Independent positioning without a rope or switches - the perfect modernization using cutting-edge technology

The Independent Positioning System (IPS) indicates the floor position of the car, letting you create an entire floor display system without any moving mechanical parts - perfect for lifts without a machine room or in need of modernization.

Installed on the car roof, the IPS sends signals with the help of a built-in accelerometer to the floor displays about its position in the lift shaft, and only needs one short learning trip before full automation.

A very practical floor display solution, operating completely independent from the lift controller without complicated mechanics, skipping long installation times and mechanical maintenance.

Technical information

- No moving parts needed
- Only one hour installation time
- Completely detached from lift controller
- Compact size
- Built-in wireless configuration

Technical data

Power supply
20-30 VDC

Current consumption
20 mA

IP
IP30

Other
BLE 4.0, 2,4 GHz

Size (HxWxD)
83 x 87 x 19 mm

Weight
65 g

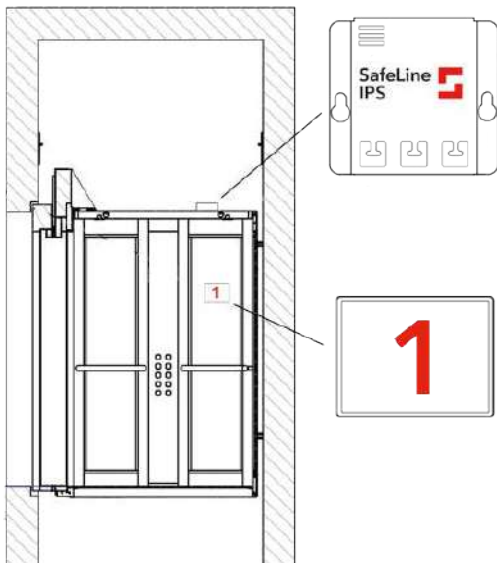
Compatible with:

SafeLine LEO 5
5 inch LCD display

SafeLine LEO 4
4 inch LCD display

FD1600
LED display in red & blue

IPS - How it works



The IPS operates with a built-in accelerometer, mapping the shaft with only one quick learning trip. Installed on the car, the IPS then sends signals to the floor displays about its position in the shaft.

No need for complicated solutions like a rope or switches – skipping long installation times and mechanical maintenance.

Independent from controller, maintenance-free, plug and play



No moving parts
– no mechanical errors



Quick installation
– cut your installation times



Minimal design
– easily fitted on car roof



Wireless configuration
– using your regular smartphone

SafeLine LEO



Versatility at your control

Typical installation:	Cabin/landing
Wireless configuration:	Yes
Voice announcements:	Yes

The LCD floor display with an alterable look - for when every detail matters

The LEO floor display is the first ever LCD display developed by SafeLine, providing a smooth look with alterable appearances. Display images or logotypes and easily create brand awareness.

Although using TFT LCD technology, the installation's no different than other SafeLine floor displays. LEO is connected easily with two plug and play cables and is mounted with two screws, just as easy as any other display. Configuration is done seam-

lessly through the SafeLine LYNX app (previously CONNECT) or through the CANwizard software - letting you alter the display's appearance in no time.

LEO + IPS = True

The LEO displays are compatible with our floor indicator SafeLine IPS (Independent Positioning System), allowing you to create an independent floor display system free from moving mechanical parts. The perfect modernization - suitable for all kinds of lifts with a very short installation time and no maintenance required.

Technical information

Slim TFT display, available as 4" or 5"

Compatible with the IPS - set up an independent floor display system

Built-in wireless configuration

Built-in arrival chime speaker

Alter display appearance

Compatible with CANwizard

Preloaded languages - load files with USB, program with the app

Screen brightness control

Plug and play connections

Technical data

Power supply

20-28 VDC

Current consumption

30 mA

Bluetooth

BLE 5

Input

CANopen

SafeLine LEO 5 variants

COP mounting



*FDT5-CAN-COP

- 5" display
- 12 in-/outputs
- Size: 81,8 x 153,2 x 19,3 mm

Flush mounting



*FDT5-CAN-REC

- 5" display
- Sleek and stable flush mounting
- 12 in-/outputs
- Size: 118,3 x 200 x 19,3 mm

SafeLine LEO 4 variants

COP mounting



*FDT4-CAN-COP

- 4" display
- 4 in-/outputs
- Built-in arrival chime speaker
- Size: 149,3 x 63,3 x 18

Flush mounting



*FDT4-CAN-REC

- 4" display
- 4 in-/outputs
- Built-in arrival chime speaker
- Sleek and stable flush mounting
- Size: 210 x 90 x 18 mm

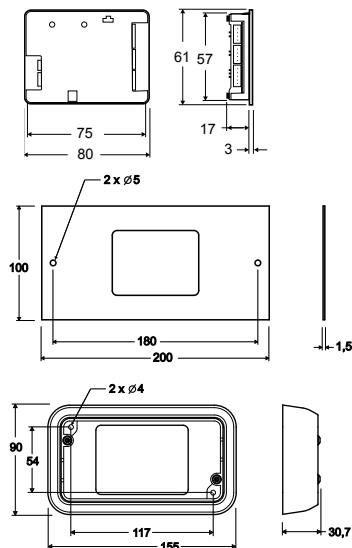
Flush mounting with speaker



*FDT4-CAN-REC-SP

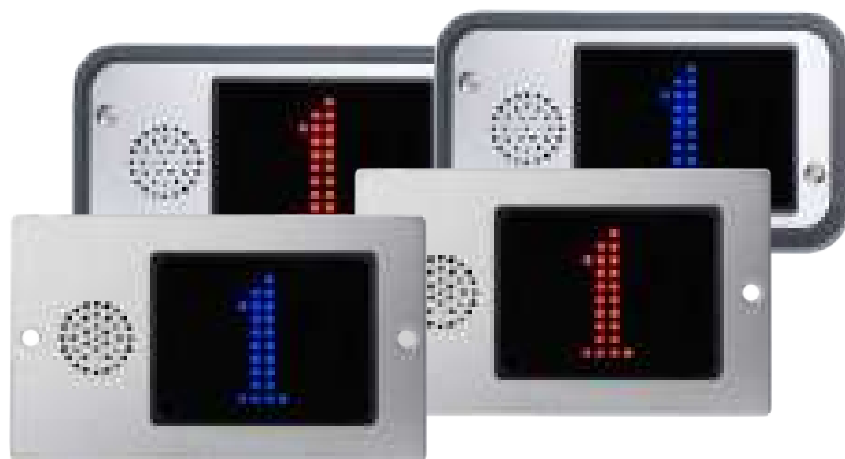
- 4" display
- 4 in-/outputs
- Integrated speaker for voice announcing
- Sleek and stable flush mounting
- Size: 250 x 90 x 18 mm

Floor display and voice announcer FD1600



Dependable floor display - independent positioning

Typical installation:	Cabin/Landing
Wireless configuration:	Yes
Voice announcements:	Yes



Floor display technology that lasts decades

The FD4 is a floor display and voice announcer that displays floor designations, directional arrows, text messages and plays voice messages.

Built upon dependable LED technology, the FD1600 is energy efficient and very easily integrated into systems with minimum installation time. Perfectly matching the IPS, the FD1600 can also

be used to create a fully independent floor display system, free from the controller and moving mechanical parts. A cost-effective and long-term solution perfect for buildings in need of modernization.

FD1600 comes with built-in wireless configuration and is also sizewise fully compatible with older floor displays – making an upgrade from an older floor display very simple, reducing time spent on-site

Technical information

Dependable LED technology
Matches the IPS – enabling an independent floor display system
Sizewise compatible with older floor displays
Built-in wireless configuration
Bus system technology
Compact design
Pre-installed languages and messages

Technical data

Power supply
18-28 VDC

Current consumption
40-200 mA at 24 VDC

Inputs
8

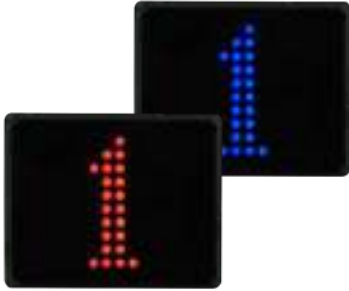
Outputs
1

Input signals
CANopen, Decimal, Binary and Gray

Size (HxWxD)
90 x 155 x 31 mm

FD1600 variants

FD1600



***FD1600-R / *FD1600-B**

This version of the floor display is delivered with only the display, without any mounting accessories.

FD1600 - Flush mounted with speaker



***FD1600-SPKREC-R / *FD1600-SPKREC-B**

This version of the floor display is intended for flush mounting – a stable and stylish clean look. This version is also delivered with a built-in speaker.

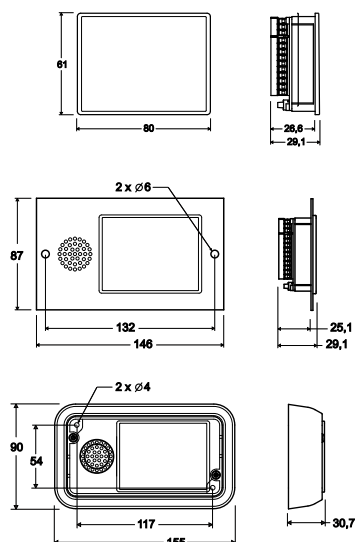
FD1600 - Surface mounted with speaker



***FD1600-SPKSM-R / *FD1600-SPKSM-B**

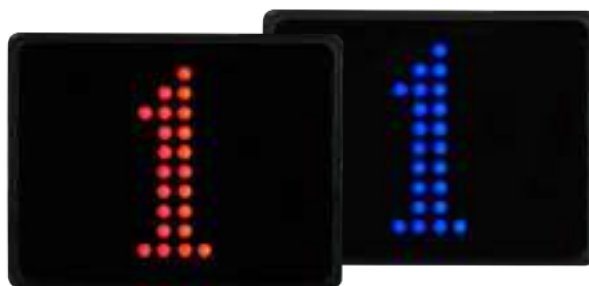
This version of the floor display is intended for surface mounting that enables a quick and easy installation, and also comes with a built-in speaker.

Floor display FD4



The compact and diverse floor display

Typical installation:	Cabin/Landing
Wireless configuration:	No
Voice announcements:	Yes



The floor display with voice messages in a compact size

The FD4 is a floor display and voice announcer that displays floor designations, directional arrows, text messages and plays voice messages.

The FD4 has a very compact size and suits most needs with the integrated

2 MB memory, letting users tailor the unit's messages. Thanks to the bus system technology, only one main unit has to be programmed for the rest of the units in the same floor display system to show the same information. This simplifies programming and configuration of the unit, something that is done easily with the help of the freeware SafeLine Pro.

Technical information

Quick installation
Easy configuration with SafeLine Pro
2 MB internal memory
Adjustable unit
Simple mounting without screws

Technical data

Power supply
24 V

Current consumption
50 mA

Input signals
CANopen, Decimal, Binary and Gray

Size (HxWxD)
80 x 61 x 29,1 mm

Weight
110 g

Floor display FD4 variants

FD4



*FD4

This version of the floor display is delivered only as a display, without a supplied speaker and mounting plates. The included metal spring enables a quick and easy installation without any need for screws or drill holes.

FD4 MRL



*FD4_MRL

The FD4 for installation in machine room-less lifts in combination with the PG-1 pulse encoder. With the encoder's signals, the floor display will indicate the car's travel direction and position relative to the floors.

Flush mounted FD4 with built-in speaker



*FD4_PLATESPK

This version of the floor display is intended for surface mounting and comes with an integrated speaker – a quick mounting option with only two screws that combines all parts into an all-in-one solution.

Surface mounted FD4 with built-in speaker

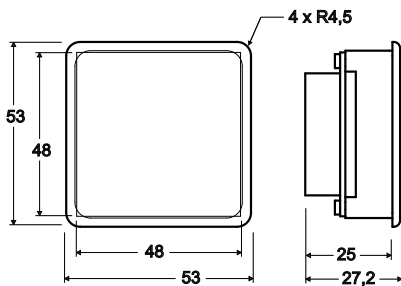


*FD4_PLATESPKS

This version of the floor display is intended for surface mounting and comes with an integrated speaker – a quick mounting option with only two screws that combines all parts into an all-in-one solution.

Floor Display VV3

*VV3_RED / *VV3_BLUE /
*VV3_GREEN / *VV3_YELLOW



The practical floor display

Typical installation:	Cabin/Landing
Wireless configuration:	No
Voice announcements:	No

The cost-effective floor display

The VV3 displays floor numbers, directional arrows and scrolling text messages. The VV3 is without a frame and mounted easily with the included snap-on clip without any screws or drilling holes, enabling a very quick and effective installation. Other mounting options for the VV3 are sold as separate accessories.

The floor display is configured very easily with help of the free software SafeLine Pro by connecting a cable from the VV3 to a laptop or completely manually with the unit's integrated buttons. The unit can also play an arrival chime, but has to be supplemented with a separate speaker for the playback of sounds.

Technical information

Cost-effective and energy efficient display

Quick installation

Easy configuration with SafeLine Pro

Arrival chime possible

Technical data

Power supply
24 V

Current consumption
50 mA

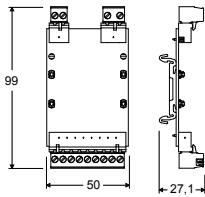
Input signals
CANopen, Decimal, Binary and Gray

Size (HxWxD)
53 x 53 x 27,2 mm

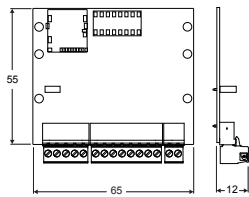
Weight
60 g

Voice Announcer VA4

*VA4

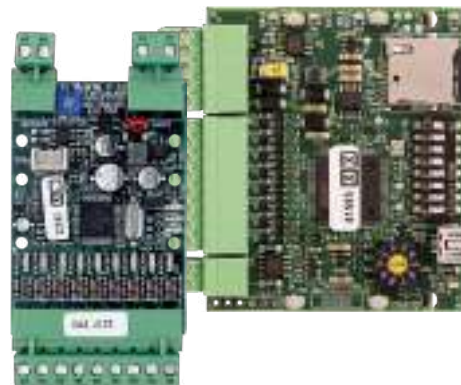


*VA4-SD



Announcements and music with SD-flexibility

Typical installation:	Machine room
Wireless configuration:	No
Voice announcements:	Yes



The voice announcer for playback of floor messages and music

The VA4 is a voice announcer with an internal memory for playback of floor messages and lift music and often works as a supplement for an already existing floor display and speaker. The unit is available with or without SD-card and is easily mounted on a DIN-rail without any need for drilling.

The regular unit has an integrated 2 MB memory with a capacity to store up to 240 seconds of speech and is compatible with the Windows-stand-

ard WAV. With the SD version you choose the storage space of the messages, meaning it can be practically unlimited. With the SD version, changing the unit's floor messages is done very easily. The user only has to transfer the actual files to the SD-card and then insert the card into the unit again, without any need of a cable.

The unit is the configured very easily with the free of charge software Safe-Line Pro, but can also be configured manually.

Technical information

Smooth installation on a DIN-rail

SD storage of audio/2 MB built-in storage

Easy configuration with SafeLine Pro/switches

Technical data

Power supply
24 V

Current consumption
50 mA

Inputs
20-30 VDC positive/negative voltage.

Input signals
CANopen, Decimal, Binary and Gray

Size (HxWxD)
99 x 50 x 27,1mm/ 55 x 65 x 12 mm (SD)

Weight
100 g

Speakers

34x34 mm, flush with plate, 3 W, open end, 2000 mm



***SPK_VOICE01**

A small 3 W speaker for voice announcements in the car or for arrival chimes on floors. The speaker is mounted on a front plate in brushed stainless-steel and includes a 2-meter cable for connection.

34x34 mm, flush mounted, 3 W, JST 2p/2mm, 2000 mm



***SPK_VOICE01C-2M**

A small 3 W speaker for voice announcements in the car or for arrival chimes on floors. The speaker is mounted on a brushed stainless-steel front plate for recessed installation. A 2-meter cable with JST connector for easy installation is included.

34x34 mm, surface mounted plate, 3 W, open end, 2000 mm



***SPK_VOICE02**

A small 3 W speaker for voice announcements in the car or for arrival chimes on floors. The speaker is mounted on a front plate in brushed stainless-steel with a plastic frame for quick surface mounted installation and includes a 2-meter cable for easy connection.

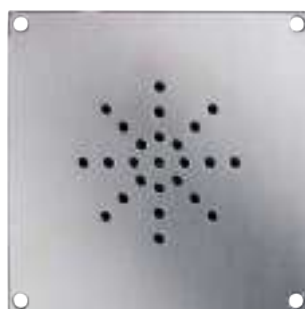
34x34 mm, surface mounted, JST 2p/2mm, 2000 mm



***SPK_VOICE02C-2M**

A small 3 W speaker for voice announcements in the car or for arrival chimes on floors. The speaker is mounted on a brushed stainless-steel front plate including a plastic frame for surface mounted installation. It comes with a 2-meter cable with JST connector for easy installation.

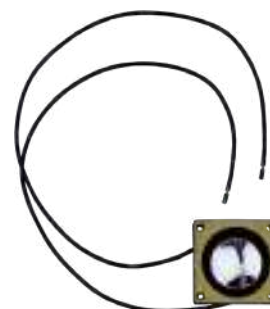
78x78 mm, flush mounted, 5 W, open end, 2000 mm



***SPK_VA03**

5 W speaker for voice announcements, music and arrival chimes. Mounted on a brushed, stainless-steel front plate for sleek flush mounted installation. Fitted with a 2-meter connection cable.

34x34 mm, 3 W, open end, 300 mm

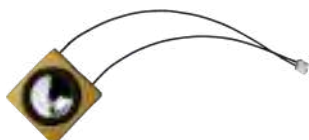


***SPK_34X34**

A small 3 W speaker for easy mounting behind the car operating panel with adhesive cell foam. Fitted with 2x 300 mm cables for connection.

Speakers

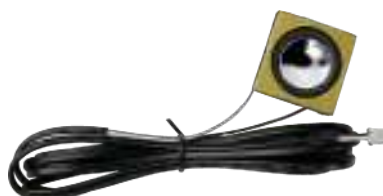
**34x34 mm, 3 W, JST
2p/2mm, 150 mm**



***SPK_34X34C-150**

A small 3 W speaker for voice announcements in the car or arrival chimes on floors. Comes with a short cable with JST connector for easy installation and is mounted behind the car operating panel using adhesive cell foam.

**34x34 mm, 3 W, JST
2p/2mm, 2000 mm**



***SPK_34X34C-2M**

A small 3 W speaker for voice announcements in the car or arrival chimes on floors. Comes with a 2-meter cable with JST connector for easy installation with extra reach. Is mounted easily behind the car operating panel using adhesive cell foam.

**34x34 mm, 3 W, JST
2p/2.5mm, 150 mm**



***SPK_34X34-CON**

Small 3 W speaker for voice announcements and arrival chimes for mounting behind car operating panel with adhesive cell foam. Fitted with an 150 mm-cable and contact for connecting to pin strip.

**34x34 mm, 3 W, JST
2p/2mm, 350 mm**



***SPK_34X34C-350**

Small 3 W speaker suited for both arrival chime and voice announcements. A 2x350mm-cable is located on the speaker including a connector for FD4-CAN or IO8-CAN connection. The speaker is fitted with adhesive cell foam for easy and flexible installation.

**40x40 mm, 0,2 W, JST
2p/2.5mm, 150 mm**



***SPK_VV40x40**

Small 0,2 W speaker for arrival chimes without a mounting shackle. The speaker is delivered with a 150 mm-cable for easy connection.

**40x40 mm, mounting
shackle, 0,2 W, JST
2p/2.5mm, 150 mm**



***SPK_VV40X40B**

Small 0,2 W speaker for arrival chimes with a mounting shackle. The speaker is delivered with a 150 mm-cable for easy connection.

Speakers

50x50 mm, 0,3 W, open end, 150 mm



***SPK_CHIME**

Small 0,3 W arrival chime speaker with an 150 mm-open ended cable. Easily mounted with two screws.

50x50 mm, 0,3 W, JST 2p 2.5mm, 150 mm



***SPK_VV50X50**

Small 0,3 W arrival chime speaker with two JST connectors on a 150 mm cable for easy connecting. Easily mounted with two screws.

50x50 mm, 0,3 W, open end, 300 mm



***SPK_VV50X50_SM**

Small 0,3 W speaker for arrival chime on floor levels. The speaker is mounted on a front plate in brushed stainless steel with a plastic frame for easy surface mounted installation and comes with a 30-cm cable.

78x78 mm, 5 W, open end, 2000 mm



***SPK_VV78X78**

A powerful 5 W speaker that offers extra filling sound, suitable for voice announcements or music. The speaker is installed easily behind existing panel with four bolts and a 2-meter open ended cable is included.

78x78 mm, 5 W, JST 2p/2mm, 2000 mm



***SPK_78X78C-2M**

A powerful 5 W speaker that offers extra filling sound, suitable for voice announcements or music. The speaker is installed easily behind existing panel with four bolts and a 2-meter cable with JST connector for easy installation.

Front plates and frames

Front plate



*VV3_PLATE / *FD4_PLATE

Flush plate for VV3 and FD4 in brushed, stainless-steel for a flush installation behind car wall. Sleek design that suits most car designs using only two screws.

Elevated frame for surface montage



*VV3_PLATE_SM / *FD4_PLATE_SM

Plastic mounting frame and front plate for VV3 and FD4 in brushed, stainless-steel for surface mounted installation. Easy installation that fits into most car designs using only two screws.

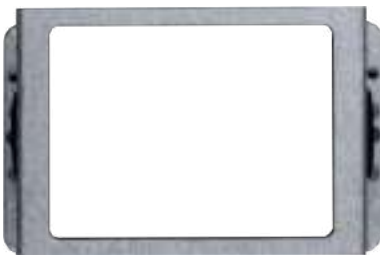
Front plate and chrome frame



*VV3_PLATE_SM-CR / *FD4_PLATE_SM-CR

Surface plate for VV3 and FD4 in chromed plastic mounting frame and front plate in brushed, stainless-steel for surface mounted installation. Easy installation that fits into most car designs using only two screws.

Machine room adapter



*FD4-DIN

Machine room adapter in galvanized steel for floor display FD4. Metal frame for DIN rail mounting of an FD4. Suitable for installation in machine room or controller.

Surface mount frame for FD4 and speaker



*FRAME01

Easily mounted and stylish frame for FD4 with speaker made out of brushed stainless-steel. Back plate for mounting is included.

Surface mounted stainless steel frame for speaker, FD4 and lift telephone



*FRAME02

Easily mounted and stylish frame for FD4, broadband speaker and voice station. The frame is made of brushed, stainless steel and has engraved pictograms.

Accessories for floor displays & voice annonucers

Pulse encoder



*PG1

Pulse encoder package for the FD4, enabling a floor display system independent from controller. Suited for buildings with machine room-less lifts or where it's problematic getting the signal from the controller.

Power supply
24VDC

Size (HxWxD)
100 x 199 x 80mm

Weight
1310 g

Adapter02 - General transformer



*ADAPTER02

Power supply for SafeLine products with a stabilized 24 VDC voltage. Specifically tested and approved for use with the IPS and the pulse encoder PG1.

Effect
45 W

Inputs
100-240VAC

Size (HxWxD)
78 x 93 x 66 mm

Weight
320 g

Micro SD-card for FD1600 with audio files



*SD_CARD-FD1600

A Micro SD-card for the FD1600 allowing users to easily change the arrival chime or music of their floor display - without having to use a computer for flexibility and storage.

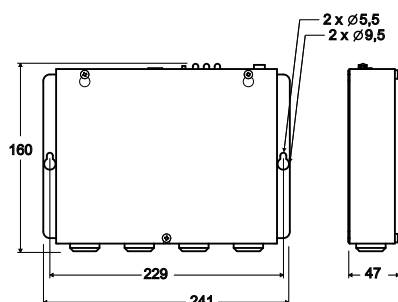
Fire communication systems

Fire communication systems often feel complicated, too large-scale and overly priced when searching in the wrong place. SafeLine offer cost-effective and intuitive solutions to these problems - making advanced systems feel easy.



SL6+ FIRE

*SL6-FIRE



Fire safety made easy

Typical installation:	Machine room
GSM 4G:	Optional
Wireless configuration:	Yes
Battery backup:	Yes
Max floors:	6
LMS:	Yes

Fire intercom in combination with a lift emergency telephone system - for easy fire safety in smaller buildings

The SL6+ can besides the regular emergency telephony also be used as a unit for fire communication. In an emergency, rescue-personnel located on separate floors can easily communicate with each other and the distressed in the lift car - using the same voice stations as for telephony. A separate key switch is then also installed for the SL6+, allowing the units

to be activated during an emergency.

Using the same main unit for both fire intercom and telephony has several benefits. By connecting up to six voice stations to only one unit instead of several and combining the fire intercom stations with telephony, cabling is reduced to a minimum while still allowing for great coverage in the whole building - cost-effective and time-saving for the installer.



Technical information

Fire intercom for up to six voice stations

Battery backup

Built-in wireless configuration

Optional GSM functions

Wide range of voice stations

In accordance with EN 81-72 and TS 81-76

Technical data

Power supply
230 VAC

Battery
12 VDC, 1,2 Ah

Relay
Max 1 A/30 VDC

IP
IP20

Inputs
10-30 VDC, 5 mA

Antenna connection
SMA

Effect
230 VAC, 6-10 W

Size (HxWxD)
241 x 160 x 47 mm

Weight
1700 g

SL6+ FIRE voice stations

Flush mounted - fire stations

Fire logo English



*SLB-REC-FIRE02

Can be combined with an existing installation of SL6+ and is perfect for use when certain floor needs extra attention in case of a fire. The unit is constructed for flush mounting but can also be combined with a stainless-steel frame for use as a landing station, or be combined with our key switch on the entrance floor.

Size: 190 x 110 x 28 mm

Language independent fire logo



*SLB-REC-FIRE

Can be combined with an existing installation of SL6+ and is perfect for use when certain floor needs extra attention in case of a fire. This version is equipped with a language independent fire logo for wider comprehension. The unit is constructed for flush mounting but can also be combined with a stainless-steel frame for use as a landing station, or be combined with our key switch on the entrance floor.

Size: 190 x 110 x 26 mm

Language independent look with key switch



*SLB-REC-FIREK02

Intended for mounting on the entrance level with an integrated key switch. Once the key switch is turned, communication is established between all units included in the intercom system. The entrance station has a language independent look with an alerting fire logo for awareness and greater comprehension.

Size: 310 x 110 x 31 mm

SL6+ FIRE accessories

Key switch, flush mount



*SLB-REC-FIREK

Triangular key switch on stainless-steel front plate for flush mounting on entrance floor. Can be used with both SL6+ Fire and SafeLine Fire.

Size: 120 x 110 x 31 mm

Frame for SL6+ FIRE voice stations



*FRAME04

A stylish stainless-steel mounting frame for surface mounting on entrance level, combining key switch and voice station. The back plate is fitted with four keyholes for easy installation and self-drilling screws are included.

Size: 332 x 116 x 30 mm

EVAC evacuation system



99 floors - one evacuation system

Typical installation:	Landing
GSM 4G:	N/A
Wireless configuration:	No
Battery backup:	Option
Max floors:	99
LMS:	Yes

The intelligent EVAC intercom system for up to 99 floors. A safe choice of fire communication that lives up to the European lift standards in fire safety

An EVAC intercom-system enables communication between distressed and the building's staff, in the event of a fire. By using the intercom stations in the system, the distressed are able to contact the entrance station from both the floor station and lift car station. On the entrance station's intuitive display, staff can easily see on which floors there are people in need of

evacuation and then, with the help of the keypad, choose which station they want to communicate with. The station's distinct look in stainless-steel blends in to most buildings, and its functions give an intuitive and comprehensible impression - features that can potentially be life-saving in a stress-filled emergency.

The EVAC system is adapted according to your needs. Contact us today for ordering and we will help you put together a system suited just for your needs.

Technical information

Easy communication with stations

Keypad for commands

Micro SD-card to store parameters and settings

Mini USB connector for software updates

In accordance with TS 81-76

Technical data

Power supply

24 VDC

Inputs

4 x 24 VDC, max 200 mA in total, optically isolated

Outputs

3 x 24 VDC, max 200 mA

Other

In standby: 40 mA Active: 120 mA

Power-supplier

EVAC PSU & LMS



*EVAC-LMS

The required power-supplier for the EVAC system with LMS possibilities.

The unit is mounted and energized in the lift machine room and is equipped with a status indicator to confirm supply of power. If a Safe-Line telephone has been installed in the machine room, just connect the LMS unit to the lift telephone and the entrance station will send LMS messages through the lift telephone.

Entrance stations

English engraved



*EVAC-ES0101

This version of the entrance station is delivered with engraved symbols, engraved English text, and a red evacuation logotype. With the station also follows a display for smooth configuration of the system and displaying information, a triangular key switch for activation of the system, a keypad for commands, and also microphone and speaker for communication between car and floor stations.

Size: 400 x 110 x 32 mm

Without front plate and key switch



*EVAC-ES0000

This version of the entrance station is delivered without a front plate and key switch, and is mounted behind existing operating panel. With the station also follows a display for easy configuration of the system and display of information, a triangular key switch for activation, a keypad for commands and a microphone and speaker for communication between car and floor stations.

Size: 215 x 84 x 30 mm

English engraved, without logo



*EVAC-ES0201

This version of the entrance station is delivered with engraved symbols and English text, but without the red evacuation logotype of the standard version. With the station also follows a display for easy configuration of the system and display of information, a triangular key switch for activation, a keypad for commands, and a microphone and speaker for communication between car and floor stations.

Size: 400 x 110 x 32 mm

German engraved, without logo



*EVAC-ES0301

This version of the entrance station is delivered with engraved symbols and German text, but without the red evacuation logotype of the standard version. With the station also follows a display for easy configuration of the system and display of information, a triangular key switch for activation, a keypad for commands, and a microphone and speaker for communication between car and floor stations.

Size: 400 x 110 x 32 mm

Floor stations

Without frontplate, with button



***EVAC-FS0001**

The floor stations in an EVAC system enables distressed to alert the entrance station. This version of the station is delivered for mounting behind an already existing front plate with adhesive tape and a button for activation of communication between the floor station and the entrance station. An easy and flexible mounting option that lets you take advantage of an already installed front plate.

Size: 91 x 56 x 18 mm

Englist frontplate



***EVAC-FS0101**

The floor stations in an EVAC system enables distressed to alert the entrance station. This version of the station is delivered with a stainless-steel front plate with engraved English text, and a button that activates communication between the floor station and the main unit. The station is intended for flush mounting in a wall - a stylish option that also protects the unit from vandalism.

Size: 210 x 90 x 26 mm

German frontplate



***EVAC-FS0301**

The floor stations in an EVAC system enables distressed to alert the entrance station. This version of the station is delivered with a stainless-steel front plate with engraved German text, and a button that activates communication between the floor station and the main unit. The station is intended for flush mounting in a wall - a stylish option that also protects the unit from vandalism.

Size: 210 x 90 x 26 mm

Englist frontplate, vandal-proof



***EVAC-FS0201**

The floor stations in an EVAC system enables distressed to alert the entrance station. The unit is delivered with a stainless-steel front plate, engraved English text and is intended for flushed mounting. This version of the station is mounted with vandal-proof screws for extra protection.

Size: 210 x 90 x 26 mm

Car station

COP



***EVAC-CS0000**

This car station is easily mounted in the lift car behind an already existing front plate with adhesive tape and is connected to the system via a RJ45-connection. The unit enables communication between the lift car and the entrance station, so called intercom, making possible for people in an emergency to communicate with rescue personnel.

Size: 91 x 56 x 18 mm

Entrance station plates

Front plates



***EVAC-PLATE-ES01 / *EVAC-PLATE-ES02**

Stainless-steel front plate for EVAC entrance station, available with or without engraved symbols and English text.

Frame plate in stainless-steel



***EVAC-FRAME-ES01**

This stainless-steel frame is used for surface mounting of an EVAC entrance station on a wall with four screws. Two screws for mounting of front plate to frame is included.

Frame plate in stainless-steel, vandal-proof



***EVAC-FRAME-FS02**

This stainless-steel frame is used for surface mounting of an EVAC floor station on a wall with four vandal-proof screws for extra protection of the unit. Two screws for mounting of front plate to frame is included.

Floor station plates

Front plate



***EVAC-PLATE-FS01**

Stainless-steel front plate for EVAC floor station with engraved English text. Assembling components are included.

Frame plate in stainless-steel



***EVAC-FRAME-FS01**

This stainless-steel frame is used for surface mounting of an EVAC floor station on a wall with four screws. Two screws for mounting of front plate to frame is included.

Back cover



***EVAC-BACK-ES01**

This protective back cover in aluminium and zinc is mounted to the back of an EVAC entrance station, this to protect the unit's circuit board when flush mounted.

EVAC accessories

EVAC Connection Board



*EVAC-CB

The EVAC connection board is used to easily retrieve/share supply power and bus signals for entrance, car and floor stations through an RJ45 – speeding up your installation times and minimizing cabling. Included with the board is also a 5-meter open ended cable that is recommended for the cabling between stations.

EVAC ES Key switch triangular



*EVAC-KEY-ES03

Triangular key switch with two NO-contacts and two NC-contacts for an EVAC entrance station.

EVAC ES Key switch triangular



*EVAC-KEY-ES01

Triangular key switch with two NO-contacts and two NC-contacts for an EVAC entrance station.

Micro-SD card EVAC, 4 GB, EN



*EVAC-SD-EN

Micro-SD card with a capacity of up to four gigabytes for the lift car stations in an EVAC-system. Is delivered preloaded with English voice messages, but can be configured with any optional language for the playback of voice messages.

Configuration and monitoring

With the help of SafeLine's units and software you can monitor and configure your units easily – often without even having to set foot on location. Take a look and see how we can improve your everyday and lower your costs.



SafeLine Pro



The Windows-based interface letting you easily program your SafeLine units through templates

SafeLine Pro is a software that will help you to easily program your lift-emergency phones. The Windows-based interface makes programming very simple with an ordinary laptop that is then connected with a cable to the lift

telephone. Prepare the programming of configuration, battery testing and alarm tests easily at the office with the help of SafeLines easy-to-understand templates.

With this software together with the SafeLine ProLink you can even remote control the configuration of your units.

Technical information

Supports English, German, French
and Swedish

Easy configuration with your ordinary laptop

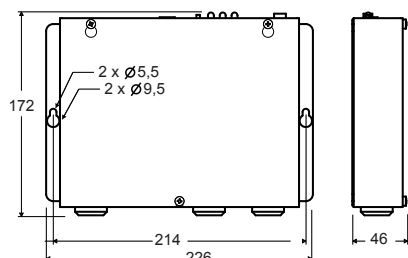
Windows-based interface

Easy-to-understand templates

Save time by preparing programming

SafeLine ProLink

*PROLINK



Remote configuration of units

Typical installation:	Office
Remote indication:	Yes
Windows OS:	Yes
Prepared templates:	Yes

Make it easy for yourself - program SafeLine's units directly from the office

Configure all of your SafeLine emergency telephones - without having to leave the office. Install the SafeLine Pro software on your computer; connect the ProLink modem to your computer and a telephone line and you are ready to configure your SafeLine emergency telephones with a simple telephone call.

Easily access the status of active alarms, battery testing and alarm tests directly from the office. All you

need to use the SafeLine ProLink is a power source, a phone line, the connection of a cable to your computer - and you are set to go. With the Windows-based interface SafeLine Pro, you are guaranteed a working software on all of your units without unnecessary troubleshooting and with very limited demands on the hardware.

SafeLine ProLink is delivered with a ProLink-modem, a serial RS-232-cable, a telephone cable for connection to the phone lines (PSTN), 230 VAC-connection and SafeLine Pro software.

Technical information

Configure all your SafeLine lift telephones from the office

Configuration in easy and understandable text

Remote indication of simulated emergency calls

Patented 3FSK-communication method

Technical data

Power supply
230 VAC

Current consumption
max 50 mA

Output voltage
12 VDC

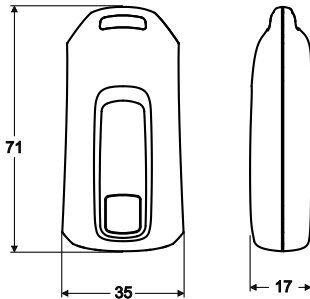
Battery
12V, 0.8Ah.

Size (HxWxD)
172 x 226 x 46mm

Weight
2020g

CONNECTable

*CONNECTABLE



Wireless and effortless configuration

Wireless configuration: Yes
Backwards compatible: Yes

Wireless configuration for all units using Bluetooth technology

SafeLine LYNX app (previously CONNECT) is the interface that simplifies the installation of SafeLine's products and allows the user to wirelessly configure even older units from SafeLine. With the app, configuration of SafeLine's products becomes easy and smooth with a clear graphical interface and users only need to follow the simple instructions in the app to quickly configure SafeLine's units.

When using CONNECTable it is possible to configure all models from SafeLine completely wirelessly - elim-

inating the need to bring a computer to the installation site or remembering a long list of programming codes to configure SafeLine's lift telephones.

Just connect the CONNECTable to the unit's serial port and the unit is ready for configuration with the application. Thanks to the unit's size, users can easily bring the unit to all installation sites and therefore only one CONNECTable is necessary for all of SafeLine's units.

The SafeLine LYNX app (previously CONNECT) is available free of charge in the Apple App Store and Google Play.



Technical information

Wireless configuration

Simple interface

Compact size, easy to bring with you

One CONNECTable for all your units

Technical data

Battery
CR2032

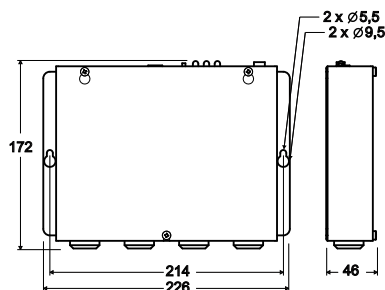
Included cable length
350 mm

Size (HxWxD)
71 x 35 x 17 mm

Weight
30 g

SLCC - SafeLine Call Centre

*SLCC



The cost-effective alarm receiver

Typical installation:	Office
Max surveillance:	2000
LMS:	Yes
Test alarm surveillance:	Yes

Surveil up to 2000 lifts in one system

Many alarm receiving systems are developed for big businesses and comes with a big price tag. The SafeLine Call Centre on the other hand – is a full-scale alarm receiving unit developed by SafeLine for small to medium-sized businesses. With the help of SLCC you can surveil lift systems and receive error messages

as soon as any of your emergency telephones are not working properly.

Up to 2000 lifts can be monitored in the system from one and the same unit – in one steady flow of information. For the smaller business – this means a quality alarm receiver for only a fragment of the costs of its competitors.

Technical information

Surveillance of up to 2000 lifts

Compatible with P100-protocol, CPC-protocol and Caller ID

Define your own technical alarms (LMS)

Reception of emergency calls

Forward alarms by email and text

Technical data

Power supply

230 VAC

Current consumption

max 50 mA

Output voltage

12 VDC

Battery

12 V, 0.8 Ah

Size (HxWxD)

172 x 226 x 46 mm

Weight

1990 g

Configuration accessories

SLCC-phone



*SLCC-PHONE

The handset for the SafeLine Call Centre lets users easily receive emergency calls in a clear tone of volume that is easily adjusted to a desired level, while still being able to operate the number pad on the phone. Can be mounted on wall if needed.

GSM modem for SLCC



*GSM-MODEM

With a GSM modem connected to a SLCC system, a number of GSM functions will be available. SLCC will be able to forward alarms via SMS through the GSM modem and use Caller ID to receive test alarms, which depending on subscription terms can lower or even remove expenses for test alarm calls.

Programming cable 2000 mm / 5000 mm



*PCABLE / *PCABLE02

2-meter / 5-meter programming cable for serial RS232 connection with D-SUB connector, suitable for the computer's COM-port or with an adapter for USB. Connect the cable to a computer to configure SafeLine's telephones, floor displays and voice announcers through our software SafeLine Pro.

Programming cable with lock, 2000 mm



*PCABLE03

2-meter programming cable for serial RS232 connection. A locking mechanism keeps the cable connected to the device. Connect the cable to a computer to configure SafeLine's telephones, floor displays and voice announcers through our software SafeLine Pro.

Programming cable, USB-serial, 1500 mm



*PCABLE-USB

1,5-meter programming cable for USB connection. Connect the cable to a computer to configure SafeLine's telephones, floor displays and voice announcers through our software SafeLine Pro.

Programming cable, USB, 3000 mm

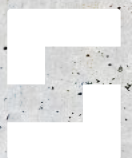
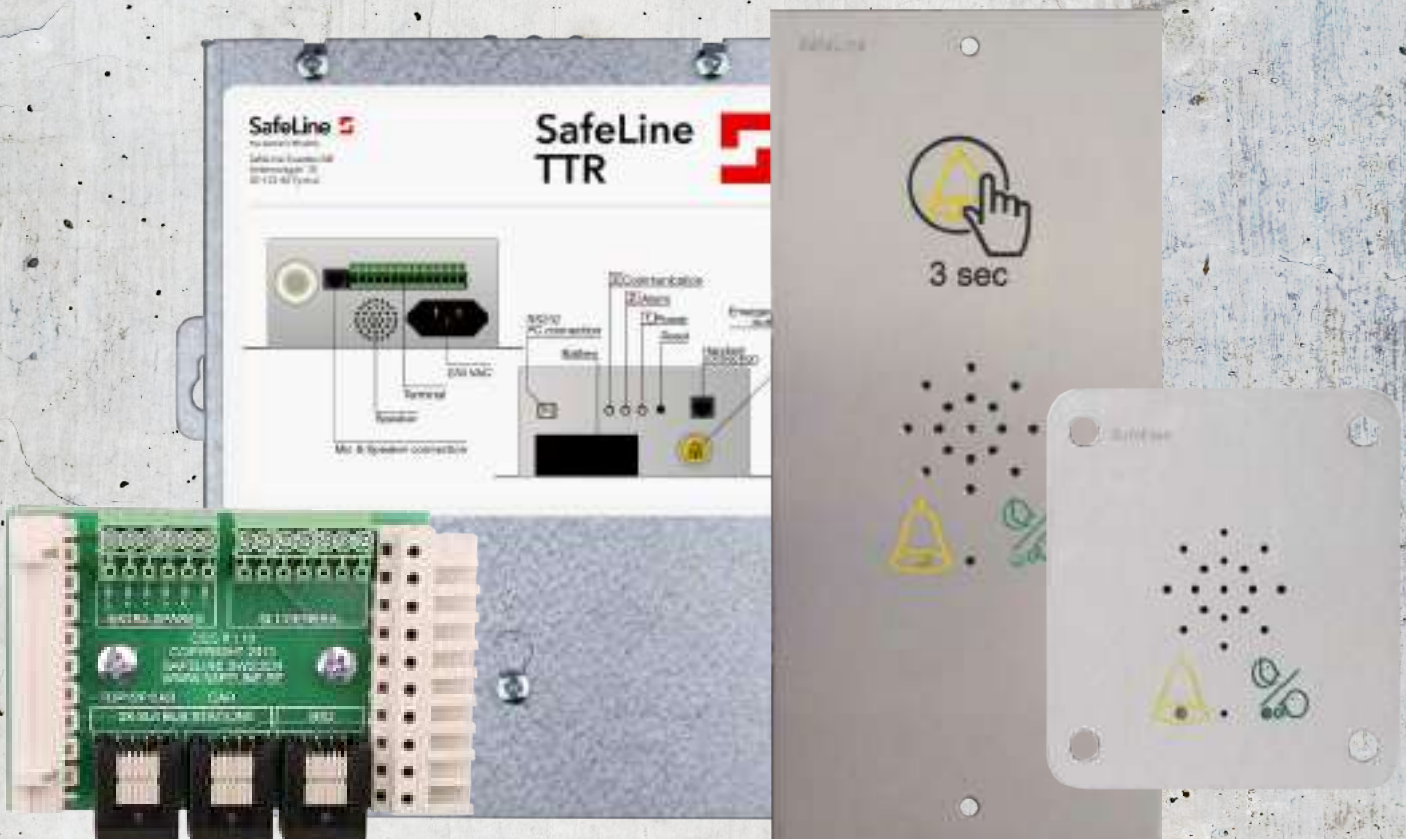


*PCABLE-USB02

3-meter USB cable for connection to SL6+. Connect the cable to a computer to configure SL6+ through our software SafeLine Pro.

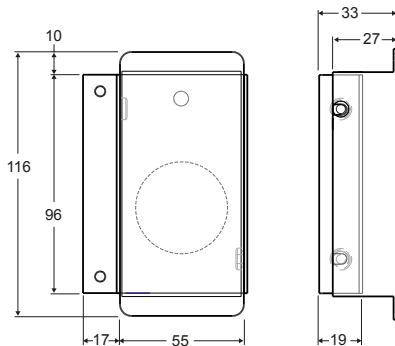
Replacement products

SafeLine is the compatible choice on your terms. Our replacement products combine our products with other manufacturers' in a simple and cost-effective way.



MX3+ replacement for TAM2

*RU-SLMX30005



Upgrade from TAM2 to an MX3+ easily with this replacement version. Intelligent functions - flexibly executed

This cost-effective choice allows you to easily and smoothly swap current Schindler TAM2 and modernize with a new MX3+ without any modifications to the lift car.

The replacement is a customized version of the SafeLine MX3+ intended for mounting on the roof of the lift car,

exactly like the TAM2. With the customized inputs intended for TAM2's existing cables, a quick change of units is possible without time-consuming re-wiring and the possibility to continue using existing alarm button/pictograms - without having to cut a single wire.

This also means that if a client wants to revert to the old system, this can be done just as easy without unnecessary trouble.

Technical information

Replaces current TAM2 in the same position

Plug and play connections

Built-in wireless configuration

Connect up to nine units to one telephone line

Technical data

Power supply
10-30 VDC

Current consumption
In standby: 50 mA at 12 VDC
When connected: 160 mA at 12 VDC

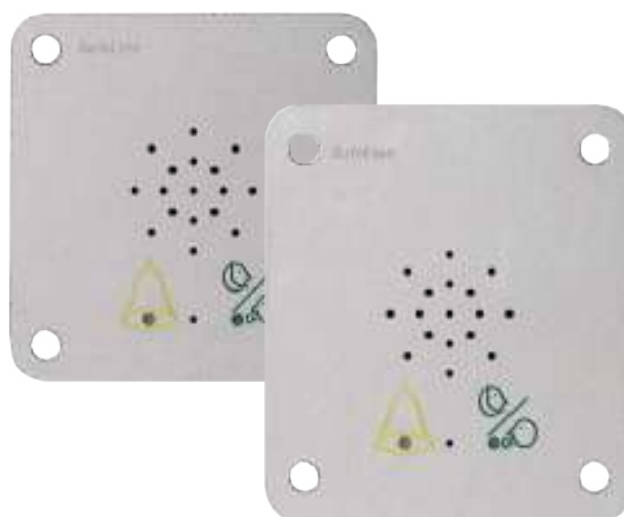
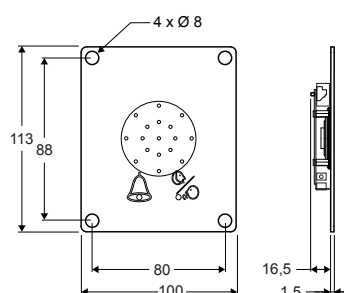
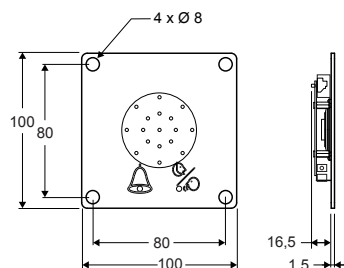
Emergency signal button
10 to 30 VDC, 5 mA optically isolated

Size (HxWxD)
89 x 70 x 19 mm

Replacement FC 100x100/100x113

*RU-SLB0001 / *RU-SLB0002

*RU-SLMX0001 / *RU-SLMX0002



An SL6+ voice station or MX2 unit for mounting as a replacement in an existing Fältcom ECII frame

Available in two different sizes - this unit replaces an existing Fältcom ECII frame with an SL6+ voice station or a SafeLine MX2 depending on preference and conditions. Simply remove the old unit and replace it with the replacement. No further modification

of car walls or ceiling are required. On the circuit board there is an input for connection of local button and a connection for any of the SafeLine hearing loops such as HL1, HL1-SM or HL2.

Please note that *CABLE13 is required for connection of the replacement unit.

Technical information

Flexible installation in existing ECII frame

Plug and play connections

Available in two different sizes

Stand-alone unit (MX2)

Bus system with only 4 wires (SL6+)

Technical data

Power supply
12 VDC

Current consumption
15 mA nominal

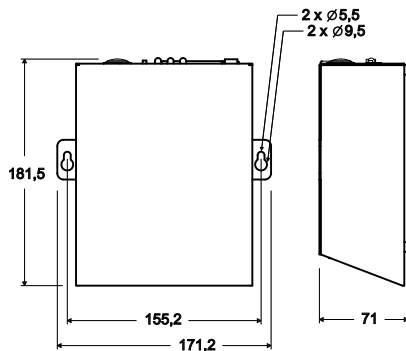
Inputs
10-30 VDC, 5 mA optically isolated

Size (HxWxD)
100x100x18

Weight
344 g

SafeLine TTR

*TTR / *TTR GSM / *TTR-KIT



Simple replacement and use of the Teletech alarm series

The SafeLine TTR is a complete lift alarm designed to be installed on the roof of the lift car as a replacement unit for Teletech's TSA3100 and TSA5100. The TTR replacement is available with both PSTN and GSM versions.

The unit is ideal for the replacement of existing alarm units from Teletech's TSA3100 and TSA5100-series since both the 14-way terminal block and IEC-contact are plug and play compatible.

The replacement unit enables the connection of external pictograms, emergency button and emergency light in the lift car through a 14-way terminal block. The SafeLine TTR can also be broadened with a phone in the lift's machine room (for intercom) and with voice stations on the roof of the lift car, under and inside the car.

If existing cables and block terminals cannot be used, a TTR-kit can be used. The TTR-Kit is for new installations and consists of a 14-way screw terminal and power cable with IEC connector.

Technical information

Quick and easy installation
Compact and robust metal housing
14-way screw terminal
Choose between PSTN or GSM

Technical data

Power supply
230 VAC

Current consumption
max 50 mA

Output voltage
12 VDC

Battery
12V, 0.8 Ah

Size (HxWxD)
181,5 x 171,2 x 71 mm

Weight
1710 g

Connection kit KONE KRM

*CABLE07



Easy replacement cabling for KONE KRM system

Cabling for connecting an SL6+/MX3+ as a complement to, or replacement for, KONE KRM system. The

package includes everything needed for connection of alarm button, pictograms, mains and landline. Practical installation by connecting to existing sockets in coupling box on the roof of the lift car.

Technical information

Connect SL6+ to an existing KRM system

Minimizes cable cutting, adjustments and extra handling

Technical data

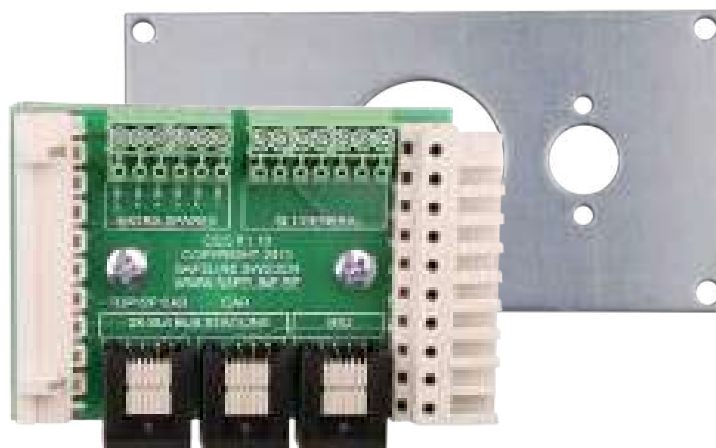
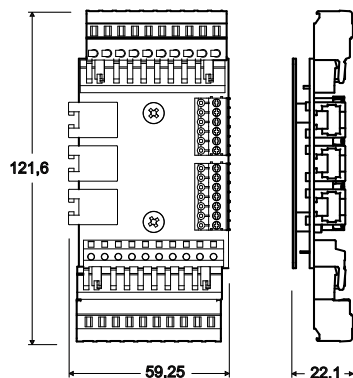
Included cable length
1500 mm

Size (HxWxD)
1500 mm

Weight
250 g

Connection kit for OTIS REM5

*OCC



Kit and plate for installation in lift equipped with OTIS REM5

The replacement products for lifts equipped with OTIS REM5, letting you use existing pictograms and emergency button as well as taking advantage of the already existing screw holes.

OCC contains a circuit board and cabling for installation of SafeLine SL6+ or MX2. The circuit board is easily installed on existing REM5 connectors and signals for emergency buttons and pictograms are connected to the emergency telephone.

If an SL6+ is used, the bus signal is available through two RJ45 connectors on the circuit board, enabling easy installation of a car station with a standard CAT5/6 network cable.

The mounting plate facilitates the installation of an SL6+ voice station in the lift car without drilling any new screw holes. Simply remove the current installation and install the customized plate in the previous screw holes in the car operating panel - leaving no excess holes in your car.

Technical information

Quick installation of SL6+ on OTIS REM5

Plug and play

Use existing pictograms and emergency button

Get bus signals to car station for SL6+

3-meter Cat6 flat cable included

Prepared screw holes

Easy mounting with studs

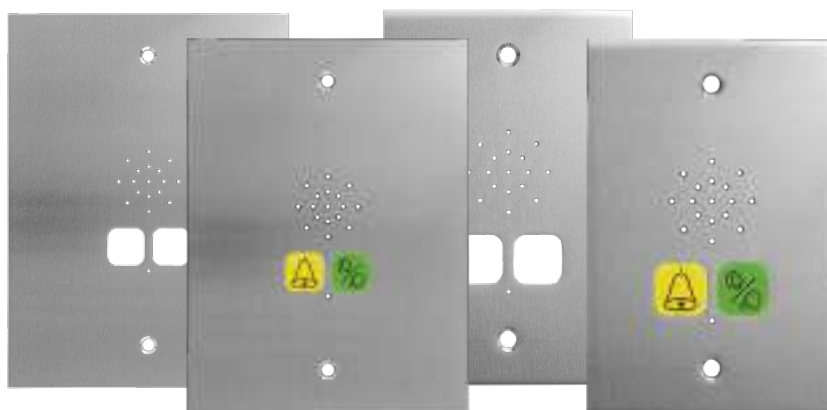
Technical data

Size (HxWxD)

122 x 59 x 22 mm

MX3+ replacement plate for Telenot

*RU-PLATE0007 / *RU-PLATE0007L
*RU-PLATE0006 / *RU-PLATE0006L



Flexible and practical replacement of Telenot

Upgrade to an MX3+ easily with this replacement plate

A customized replacement plate which allows the user to easily swap out a current Telenot instalment for a MX3+. There is no need of further changes in the lift car apart from the changing of the telephone, allowing for a cost-effective change of lift telephone.

The plate is available in four different variants; two different sizes in two different versions. The variants are adapted for either horizontal or vertical fitting in the lift car, depending on earlier instalments of the Telenot, and comes either with or without pictogram lenses.

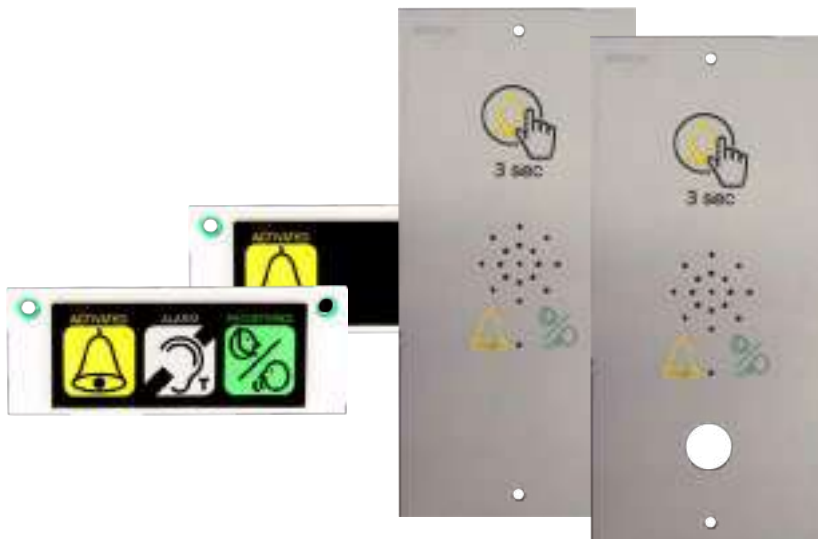
Technical information

Easy installation
Minimal changes in the lift car
Cost-effective switch

Technical data

Size (HxWxD)
150 x 100 x 2 mm/200 x 150 x 2 mm

Windcrest pictogram yellow/ green



Effective space covering and supplementing

Cost-effective replacement of your Windcrest

Easily swap out your current Windcrest front plate with a customized version, adapted for covering the same space without any modifications to the car operating panel, with or without hole for alarm button. For use with SafeLine autodialler product when replacing a Windcrest unit,

where there is a large rectangular hole in the car operating panel.

If needed, the Windcrest pictograms can also be implemented separately with our slot style pictogram unit for integration into a existing car operating panel or to replace a Windcrest pictogram unit. Available with or without hearing loop symbol.

Technical information

Effective covering of holes in car

Integrate into new or existing car
operating panel

Replaces Windcrest pictogram unit

Technical data

Size (HxWxD)

220 x 100 x 1,5 mm

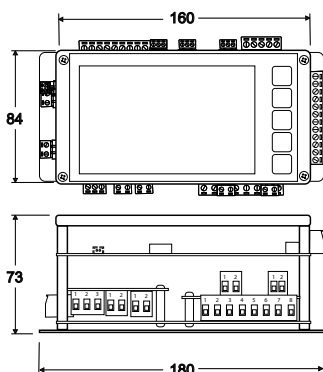
CANopen-Lift products

To us, CANopen is a big deal. It means freedom for the client to get what they really want, without being restricted by incompatibility between developers.

Co-operate on standards – compete on implementation.



THOR NX-T Lift controller



Micro controller - macro control

Typical installation:	Machine room
CAN-bus interfaces:	2
Touch interface:	Yes
Windows-compatible:	Yes

The touch-based lift controller developed for CANopen-Lift

Developed for the modern European lift market, THOR NX-T is equipped with all the features lift technicians might need from a lift controller - giving users macro control of their lift system and preparing it for the years to come.

Using a touch-based graphical interface, THOR is very intuitive even for the inexperienced technician, displaying all nodes and CANopen-Lift bus messages in a clear readable text form. Edit inputs and outputs with just a few swipes and get the job done quicker. Having a very technically

advanced and at the same time a very simple to use lift controller means several unique benefits. It does not only mean a more cost-effective and time-saving system, but it also means a safer choice for lift passengers having a system more easily understood and maintained by technicians.

THOR NX-T comes in four different versions, so you can be sure to get exactly what you need. Contact us today for ordering and more information on the different versions. For the latest information on versions of software and hardware, please visit THOR Engineering's website: <https://thor.engineering>

Technical information

- 5" intuitive LCD touch display
- Easily keep check of active components
- Easy-to-orientate graphical interface
- 256 MB RAM and 256 MB Flash on board
- 2 CAN-bus interfaces
- Built for CANopen-Lift
- Optional extras - tailor NX-T's hardware to your specific needs

Technical data

- Current consumption**
2 - 4 W
- Inputs**
21 x 24 V, 2 x 230 VAC
- Size (HxWxD)**
160 x 84 x 73 mm

Discover the benefits of CANopen-Lift



As a lift controller developed for CANopen-Lift, you can be sure to really have an independent and future-proof system, giving you more freedom to work with exactly the components you prefer, and not being confined to only components from a specific manufacturer.

The THOR platform is an embedded Linux®-based system (Yocto) running on a modern controller solution. The application itself features an object-orientated architecture, making it easy to adapt the code to all the different doors, drives and encoder systems.

Technology for the future



Intuitive touch display
- as easy as using a smartphone



CANopen-Lift protocol
- for a fully compatible system



Future-proof technology
- state-of-the-art hardware and software



Full diagnostics on-screen
- let THOR handle the troubleshooting



Up to the latest standards
- in full compliance with EN 81-20/EN 81-50

Floor display FD4-CAN



The CANopen floor display

Typical installation:	Cabin/landing
Wireless configuration:	No
Voice announcements:	Yes

The CANopen floor display with voice messages in a compact size

The FD4 CAN is a CAN open-compatible floor display and voice announcer that displays floor destinations, directional arrows, text messages and plays voice messages.

This floor display has a very compact size and suits most needs. The unit's integrated 2 MB memory means a

great deal of freedom for users to tailor the unit's messages according to their needs. If more than one FD4 is used in the same system, only one main unit has to be programmed for the rest of the units in the same floor display-system to show the same information, this because the units share the same bus system. This simplifies programming and configuration of the unit, something that is done easily with the CANwizard software.

Technical information

Easy configuration with CANwizard
2 MB internal memory
Integrated voice announcer
CAN bus system technology

Technical data

Power supply
19-28 VDC
Size (HxWxD)
61 x 80 x 25 mm

Floor display FD4-CAN variants

Only display



*FD4-CAN / *FD4-CAN-BLUE

This version of the floor display is delivered only as a display, without a supplied speaker and mounting plates. The included metal spring enables a quick and easy installation without any need for screws or drill holes.

Flush mounted with speaker



*FD4-CAN-PSP / *FD4-CAN-PSP-BL

This version of the floor display is intended for flush mounting and comes with an integrated speaker. A safe and long-term mounting option which protects the unit from damage, but also combines all parts in an all-in-one solution.

Surface mounted with speaker



*FD4-CAN-PSPS / *FD4-CAN-PSPS-BL

This version of the floor display is intended for surface mounting and comes with an integrated speaker. A quick mounting option with only two screws that combines all parts into an all-in-one solution.

IO boards

IO2-CAN board



*IO2-CAN

A simple solution for handling signals such as landing calls and uses the CANopen-Lift protocol. Two configurable input/outputs can be used. JST connectors are used on the PCB to connect also the inputs/ outputs. The configuration is made through the CANopen-Lift software CANwizard. For easy installation, two DIN-rail brackets are included.

IO4-CAN, board, screw connector



*IO4-CAN

A simple and convenient solution for handling signals, such as landing calls and uses the CANopen-Lift protocol. Up to four configurable input/outputs can be used. Inputs/outputs use the screw terminal for connections. Configuration is done easily with CANwizard and two DIN-rail holders are included for quick installation.

IO4-CAN, board, JST connector



*IO4-CAN-CL

A simple and convenient solution for handling signals, such as landing calls and uses the CANopen-Lift protocol. Up to four configurable input/outputs can be used and JST connectors are used on the PCB for connection. Configuration is done easily with CANwizard and two DIN-rail brackets are included together with one *CABLE09 for easy installation.

IO8-CAN, board, screw connector



*IO8-CAN

A connector for the CANopen-Lift bus system with 8 configurable in-/ outputs. Audio files and configuration setup is easily stored onto a Micro SD memory card by using a computer and the CANwizard software.

IO8-CAN, board, JST connector



*IO8-CAN-CL

A connector for the CANopen-Lift bus system with 8 configurable in-/ outputs. Audio files and configuration setup is easily stored onto a Micro SD memory card with the CANwizard software. The unit's JST contacts ensures a quick installation and is mounted on a DIN-rail.

Interface and connection boards

SL6+ Interface Board CAN



*SL6-CAN-BOARD

A flexible interface board that makes the SL6+ compatible with CAN bus-technology and the software CANwizard. The board is installed easily in the unit and is then compatible with the CAN bus system. Letting users easily combine the powerful functions of the SL6+ with the benefits of CANopen technology.

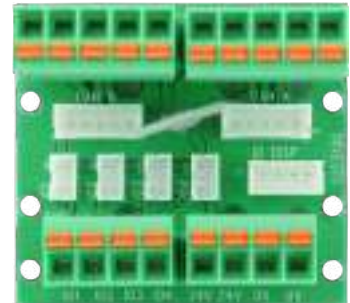
LX-ADP02 connection board CANopen



*LX-ADP02

A plug and play connection board for a CAN bus to ease the connection of an extra component in a quick and cost-effective way.

LX-ADP03 connection board CANopen

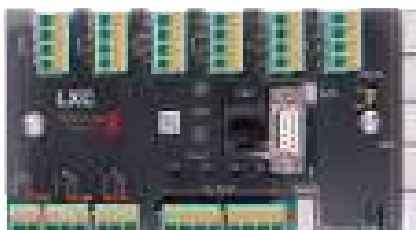


*LX-ADP03

A plug and play connection board for CAN bus and IO connections to ease the connection of extra components in a quick and cost-effective way. With this version, it is also possible to energize an extra component, such as a key switch or a landing button.

LXC

Car CPU for CANopen



*LXC

The CPU board built for the future. When choosing the LXC, you get a flexible CANopen board with 24 in-/outputs and an intuitive design that collects all your necessary pieces into one. When planning years ahead, this means a simpler working experience for lift technicians, keeping all the necessary components in the same place with a clear orientation and a lot of time saved over the years when troubleshooting.

Why use standardized protocols for lifts?

Open or closed systems can sound tricky and theoretical, but is actually very simple. Larger lift companies often lock up their customers into their own systems, limiting you to their own products without any real outside competition. This is not the SafeLine way. We instead have a wide assortment of products compatible with the open system CANopen-Lift, meaning you can combine them with all lifts using the CANopen protocol. With our open systems, you are the one who decides. That is to say, you as a customer may choose which products you think best fit your system without taking compatibility into account.

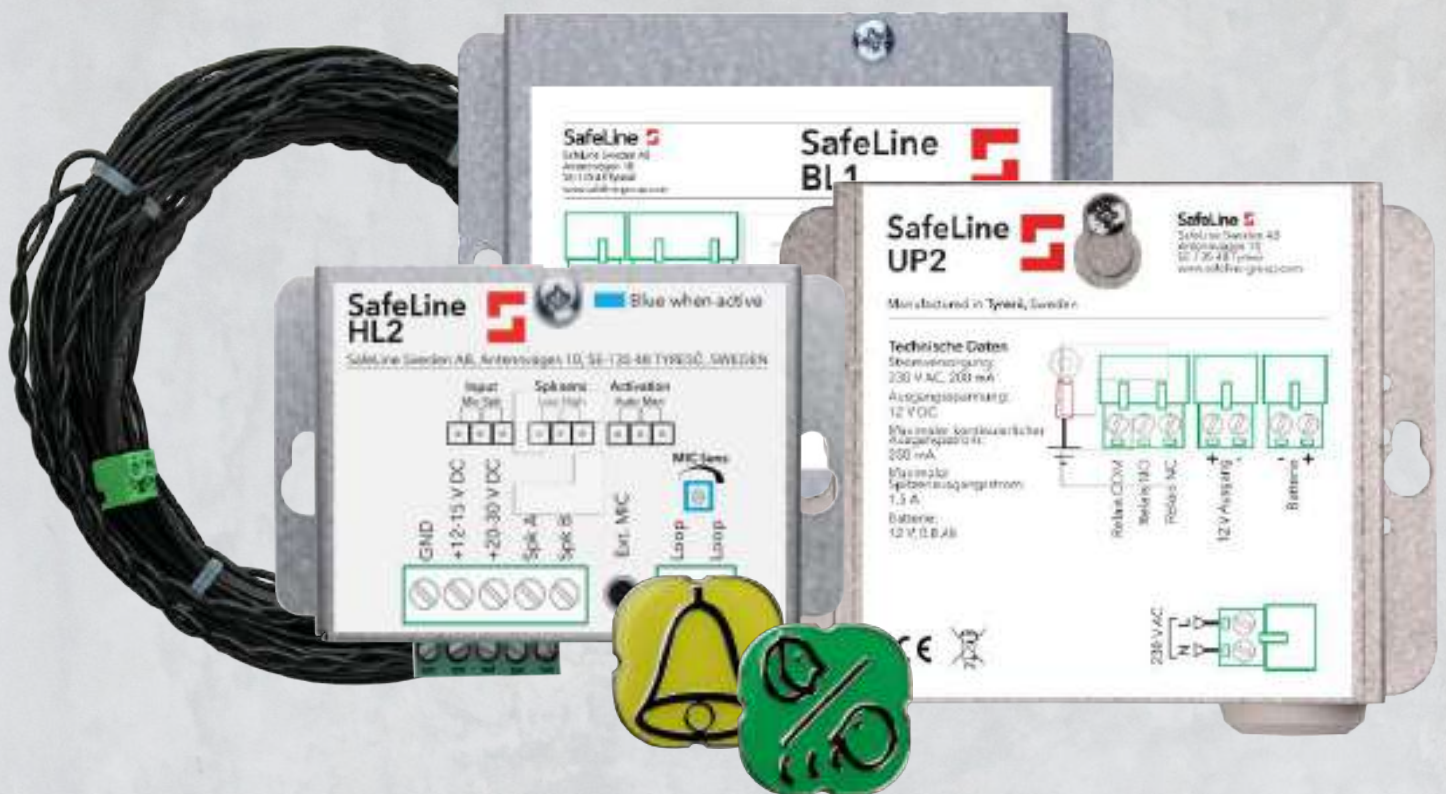
For smaller businesses, standardized protocols like CANopen-Lift are essential for getting products to the market. It is a guarantee for the customer that all these different products will work together despite being from several different developers, also making sure there is a greater range of products and solutions to the same types of problems for customers.

This means price pressure not only on a product level, but also between the various lift companies that carry out your service work. So instead of negotiating prices with a large lift company - let the price press do the job for you. This contributes to a healthy market with competition for customers and a pressure on prices - a market where you compete on implementation but co-operate on standards, putting the customers' needs first.



Other products

All the practical supplements making our products work. All in different versions and forms, suited just for you.



Cable comparison table

	SUITED FOR THE FOLLOWING PRODUCTS										USED FOR THE FOLLOWING CONNECTIONS										
	Emergency lift telephones						Floor displays and voice announcers				Suited for CANopen-Lift products	Connection (power/telephone etc.)	Connection external outputs	Connection inputs	Connection to voice station	Connection to hearing loop	Quick connection cable MX2 to MX3+	Connection CAN	Connection for computer configuration	Connection to IPS	GSM antenna cable
	GSM option GL1 and GL6	Suited for SL6+	Suited for MX3+	Suited for SL2	Suited for HL1	Suited for HL2	Suited for floor display FD4	Suited for floor display FD1600	Suited for voice announcer VA4	Suited for voice announcer VA4-SD											
Programming cable, USB-serial (*PCABLE-USB)		●	●	●			●		●										●		
Programming cable, USB (*PCABLE-USB02)	●	●						●		●									●		
GSM antenna cable SMA 5m (*GSM_ANTKABEL5M)	●	●																			●
GSM antenna cable SMA 10m (*GSM_ANTKABEL10M)	●	●																			●
Inductive loop cable (*INDUCTION-LOOP)					●	●									●						
Adapter cable MX2 to MX3+ (*RS2)			●														●				
Flat modular cable (*CABLE03)		●													●						
Connection kit KONE KRM (*CABLE07)		●	●	●								●	●	●							
Cable CAN CL/CL 5p (*CABLE09)											●							●		●	
IO cable 3P (*CABLE10)											●		●	●							
IO cable 4P (*CABLE11)											●		●	●							
Connection cable MX3+ (*CABLE12)			●									●									
Cable MX3+/SL6+ ext. outputs (*CABLE13)		●	●										●	●							
Connection cable MX3+ LTStat (*CABLE14)			●												●						
Adapter cable MX3+ to HL1 (*CABLE15)			●		●	●										●					
Flat cable JST 6p+2p/open (*CABLE18)		●													●						
Cable 4+4 to FD1600 (*CABLE19)								●						●							
MX3+ to Cibes cable (*CABLE21)			●									●		●							
MX3+ LED cable (*CABLE22)			●										●								
CANopen-Lift cable (*CABLE23)								●			●	●						●		●	

Cables

GSM antenna cable SMA



***GSM_ANTKABEL5M / *GSM_ANTKABEL10M**

5-meter/10-meter extension cable for SafeLine's standard SMA contact. For use when the GSM reception is poor and the antenna needs to be placed at a strategically better place. Please note that it is not recommended to connect more than one cable in succession as connecting more than one extension can considerably degrade the signal strength.

Inductive loop cable with two-pole connector



***INDUCTION-LOOP**

A customized inductive cable designed for usage with the HL1, which is necessary for the hearing loop's functions to work and reach users. The cable is connected easily through a terminal which enables the transmitting of signals from the hearing loop to the receivers in the lift car, this by creating an inductive field.

Adapter cable MX2 to MX3+



***RS2**

A 30-cm cable that enables a quick and easy upgrade from MX2 to MX3+ without any re-wiring with a plug and play RJ45 adapter cable.

Flat modular cable



***CABLE03**

CAT5 5-meter flat cable with RJ45 connector for connecting surface mounted SafeLine telephones and voice stations. Especially suitable where the mounting space is limited.

Modular cable



***CABLE04**

CAT5 5-meter flat cable with RJ45 connector for connecting SafeLine emergency telephones and voice stations. Only one end is fitted with an RJ45 connector in order to speed up the installation process.

Kevlar cord for pulse encoder



***CABLE06**

Customize the length of the cord according to current needs. Just order the length in meters needed for your current project. The Kevlar cord is also available on a 500-meter drum.

Cables

Cable CAN CL/CL 5p



*CABLE09

A 3-meter cable with a five-pin JST contacts in each end. A handy cable designed to, via CAN bus, connect our CANopen-Lift products.

IO cable 3P



*CABLE10

A 3-meter cable with one three-pin JST contact and one open end. A cable designed to transfer the in- and output signals, including ground and power feed, to our CANopen-Lift products. Easily installed thanks to the matching JST-connectors.

IO cable 4P



*CABLE11

A 3-meter cable with one four-pin JST contact and one open end. A cable designed as a compliment to SafeLine's other products. Ideal for connecting the in- and outputs on FD4-CAN and IO-FD-CAN.

Connection cable MX3+



*CABLE12

5-meter flat cable for the MX3+ connecting power, telephone line, emergency button and external input to a SafeLine MX3+. The cable is equipped with a CviLux connector in one end and open in the other - for easy installation.

Cable MX3+ ext. outputs



*CABLE13

The 2-meter round cable for connection of external components for the MX3+ and SL6+ voice stations. CviLux connector in one end and open in the other for easy installation.

Connection cable MX3+ to LTStat



*CABLE14

5-meter flat cable for connecting extra voice stations from the LT-STAT series to a SafeLine MX3+. CviLux connector in one end and RJ12 in the other - for easy installation.

Cables

Adapter cable MX3+ to HL1



*CABLE15

5-meter cable to easily retrieve speaker output from SafeLine MX3+. By using this cable, an MX3+ can be connected to a hearing loop (HL1/HL2) to amplify the sound for persons with hearing aid.

Flat cable JST 6p+2p/ open (SL6+ to SLB3)



*CABLE18

A 5-meter cable for power and bus communication between the voice station SLB3 and the lift telephone SL6+.

Cable 4+4 to FD1600



*CABLE19

A 5-meter JST cable for the transmission of signals from the lift controller to the floor display FD1600.

SafeLine MX3+ to Cibes connection cable



*CABLE21

A 800 mm cable for connecting the MX3+ to any of Cibes' products easily with the connection cable featuring both JST and RJ45 connections.

SafeLine MX3+ LED button cable



*CABLE22

A 2-meter cable used to power up the light button on the MX3+ light button variants. Simply connect the cable to the MX3+'s JST output in one end, then connect the other screw terminal end to the power source.

CANopen-Lift cable, JST to open end



*CABLE23

A 3-meter, 5-pole CAN cable with a JST contact in one end and the other end open. A flexible cable for many different connections for CANopen-Lift products.

Batteries

Battery 12 V, 0.8 Ah



*BATT0.8A

Valve-regulated and long-lasting lead-acid battery used in most of SafeLine products that includes battery backup. The battery produces 12 V/0.8 Ah which is sufficient to supply telephones and emergency lights. Maximum discharge current is 12 A. Estimated lifespan under standard conditions (approx. +25°C): 2-3 years.

Battery 12V 1.2Ah



*BATT1.2A

Valve-regulated and long-lasting lead-acid battery for powering emergency light, telephone and other equipment with high current consumption or that requires powering for a long time. The battery produces 12 VDC / 1.2 Ah which is sufficient to supply telephones and emergency lights. Estimated lifespan under standard conditions (approx. +25°C): 2-3 years.

Battery 12 V, 2.3 Ah



*BATT2A

Valve-regulated and long-lasting lead-acid battery used in most of SafeLine products that includes battery backup. The battery produces 12V/2.3 Ah which is sufficient to supply telephones and emergency lights in the event of a power outage. Maximum discharge current is 12 A. Estimated lifespan under standard conditions (approx. +25°C): 2-3 years.

Emergency power

Batt52 Emergency Power Unit



*BATT52

12 V emergency power supply unit for all lift emergency accessories. The unit has a robust metal housing that can be mounted on the wall or on the outside of the control cabinet. It is equipped with a 2.3 Ah battery supplying several outputs, including emergency light, alarm button and emergency siren.

Emergency power supply BL1



*BL1

Supplies SafeLine MX2 and GSM line with 12V power supply in case of power supply failure, ensuring that your SafeLine MX2 telephone and GSM line works without interruption. The unit is protected against short-circuiting and overheating.

Emergency power backup unit UP2

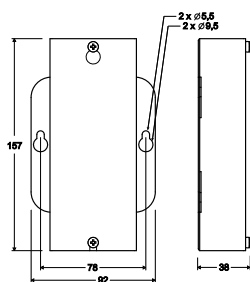
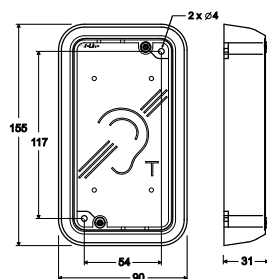


*UP2

Compact and powerful battery backup for SafeLine 12V products. Ensures continued operation of emergency telephone, emergency light and intercom. The unit is protected against short circuiting as well as overheating and has a built-in NO/NC relay for control of emergency light. Delivered in a robust metal housing with key holes for screw mounting.

Hearing loop HL1

*HL1 / *HL1-SM



Compact inductive hearing loop for car roof or surface mount installation

HL1 is a small inductive hearing loop used to amplify speech and voice

announcing for persons with impaired hearing. The unit is connected to the speaker output on an existing emergency telephone or voice announcer installation.

Technical information

Quick installation

Standby function after 20 seconds inactivity

Adjustable amplification (high/low)

External antenna for car roof mounting or hanging behind panel

Screw connectors for easy connection to speaker

Magnetic or screw mounting

Self-drilling screws included

Technical data

Power supply

12-15 VDC

Size *HL1 (HxWxD)

157 x 92 x 38 mm

Size *HL1-SM (HxWxD)

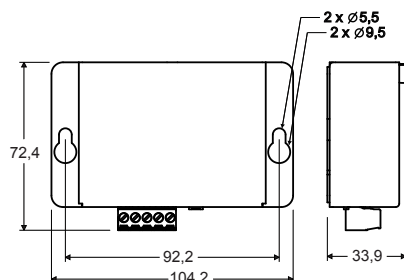
155 x 90 x 31 mm

Weight

760 g

Hearing loop HL2

*HL2



Increase the accessibility of your lifts

A clear sounding hearing loop for mounting in car operating panel or car roof

HL2 is a small, yet powerful, inductive hearing loop that is used to amplify speech and voice announcing for persons with impaired hearing. The unit is preferably connected to the speaker output on an existing emergency telephone or voice

announcer installation. Should this connection not be easily accessible, an external microphone can be connected and placed in close proximity to the speaker. HL2 can be configured to work in automatic or manual mode, depending on the requirements of the installation and how frequent the unit will be used. This allows for maximum current consumption efficiency.



Technical information

Can be connected to a external/ internal microphone or speaker

Mounted on operating panel or cabin roof

Clear and pleasant sound with good range

Can be connected to 12 to 15 VDC or 20 to 30 VDC

Technical data

Power supply

12 to 15 VDC or 20 to 30 VDC

Size (HxWxD)

72 x 104 x 34 mm

Weight

550 g

Accessories for hearing loop

External microphone with cable and clip



***EX0019**

The microphone is used together with our hearing loop HL2 to amplify speech and voice announcing for persons with impaired hearing. The microphone includes a 2.4-meter cable with 3.5mm connector for easy installation.

UniVox Listener

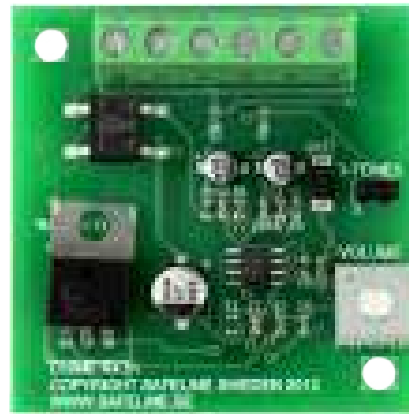


***EX0003**

Hearing loop tester with headphones

Arrival chime board

*CHIME02



Three signals in a compact form

An arrival chime board signals about the arrival of the lift to the current floor and is installed for extended availability of information.

With a compact design of only 50x50 millimetres it is easily fitted onto the

floor plan, and with the prepared screw holes you save time and installation is done smoothly. Decide for yourself which arrival chime that best suits your needs of the three different tones, and easily adjust the volume of the chime with the built-in potentiometer.

Technical information

Choose between 3 arrival chimes

Adjustable speaker volume

Compact size

Approved in accordance with EN81-70

Prepared screw holes for easy mounting

Technical data

Power supply

+20 - 30 VDC

Size (HxWxD)

50 x 50 x 15 mm

Decoder interface

*DECODE01 / *DECODE02 /
*DECODE03 / *DECODE04



Decoder +Dec to +Bin

Decoder interface that transforms positive, decimal input signals into positive, binary output signals. Up to 15 x 24 V inputs can be converted to 4 x 24 V outputs for controlling units binary. Suitable for use with e.g. floor displays that don't have 15 inputs. The circuit board is delivered with two brackets for DIN-rail mounting.

Decoder -Dec to -Bin

Decoder interface that transforms negative decimal input signals, into negative binary output signals. Up to 15 x 24 V inputs can be converted to 4 x 24 V outputs for controlling units binary. Suitable for use with e.g. floor displays that don't have 15 inputs. The circuit board is delivered with two brackets for DIN-rail mounting.

Decoder -Dec to +Bin

Decoder interface that transforms negative decimal input signals, into positive binary output signals. Up to 15 x 24 V inputs can be converted to 4 x 24 V outputs for controlling units binary. Suitable for use with e.g. floor displays that don't have 15 inputs. The circuit board is delivered with two brackets for DIN-rail mounting.

Decoder -Bin to +Bin

Decoder interface that transforms negative binary input signals, into positive binary output signals. Up to 15 x 24 V inputs can be converted to 4 x 24 V outputs for controlling units binary. Suitable for use with e.g. floor displays that don't have 15 inputs. The circuit board is delivered with two brackets for DIN-rail mounting.

Technical information

Cost-effective

Easy mounting on DIN-rail

Technical data

Power supply
24 VDC

Inputs
+24 VDC

Outputs
+24 VDC

Size (HxWxD) *DECODE01/02/03
104 x 70 x 41 mm

Size (HxWxD) *DECODE04
70 x 76 x 41 mm

Emergency buttons

With shackle, NO



***BUTTON01**

Emergency button for the SL6+ (normally open) for installation on top of or under the lift car. Enables establishment of an emergency call from the lift pit or top of the car. Can be connected in parallel to the emergency button in the car. Mounted on a metal shackle with key holes and with two included self-drilling screws for easy installation.

With shackle, NC



***BUTTON03**

Establishes an emergency call from the lift pit or top of the car when pressed and can be connected in parallel to the emergency button in the car. The button is normally closed and mounted on a metal shackle with key holes using two included self-drilling screws for easy installation.

With shackle, NO



***BUTTON06**

Establishes an emergency call from the lift pit or top of the car when pressed and can be connected in parallel to the emergency button in the car. The button is normally open and mounted on a metal shackle with key holes using two included self-drilling screws for easy installation.

Only button, NO



***BUTTON02**

Emergency button (normally open) for installation directly in the SL6+ housing. Can be connected in parallel to the emergency button in the car. Delivered with two washers.

Only button, NC



***BUTTON04**

An emergency button (normally closed) installed on the SL6+ metal housing to initiate an emergency call directly from the main unit. Can be connected parallel to the emergency button in the car. Delivered with two washers.

Only button, NO



***BUTTON07**

An emergency button (normally open) installed on the SL6+ metal housing to initiate an emergency call directly from the main unit. Can be connected parallel to the emergency button in the car. Delivered with two washers.

Other

External pictograms, flush mounted



*PIC_REC

Independent pictogram unit to fulfil EN81-28. Externally, flush, mounted independent pictogram unit to ensure fulfilment of EN81-28. Can be connected to SafeLine's lift emergency telephones from the series TTR and SL6+.

External pictograms, surface mounted



*PIC_SM

Independent pictogram unit to fulfil EN81-28. Externally, surface, mounted independent pictogram unit to ensure fulfilment of EN81-28. Can be connected to SafeLine's lift emergency telephones from the series TTR and SL6+.

Emergency light, flush mounted



*LED_REC

12 V LED light for emergency light in the elevator car. Strong LED light which will light up most elevator cars, despite its small size. Mounted on a brushed stainless-steel front plate for flush mounting.

Illumination
10 lux, max 2m

Emergency light, surface mounted



*LED_SM

12 V LED light for emergency light in the elevator car. Strong LED light which will light up most elevator cars, despite its small size. Mounted on a brushed stainless-steel front plate for surface mounting.

Illumination
10 lux, max 2m

Siren



*SIREN01

12 V Piezo buzzer for SL6+. The dimension is suited for mounting in one of the cabling holes of the unit's housing, but can also be screw mounted with the prepared screw holes.

Metal pictogram sticker



*PIC01 (yellow) / *PIC02 (green)

Metal pictogram for indication of emergency telephone and alarm button in accordance with symbol standards. The back of the pictogram is self-adhesive for easy mounting.

SafeLine and European standards compliance

Email EN81@safeline.se to order your free SafeLine EN81-28 2018 guide today.

SafeLine is a company built upon making sure the safety of passengers is guaranteed. In 2003, a European lift safety standard was implemented called EN 81-28. It states that all manufactured and installed lifts after the date of publication need to have an alarm system that complies with its listed lift safety standards in EN 81-28:2003 (with recent revision of this standard where clarifications and adjustments have been done).

Having a lift safety system not up to standards can be a costly mistake. Ultimately it is the building owner's responsibility to ensure the lift safety standards are upheld. When you choose SafeLine, you never have to worry about our products not being in compliance with current standards and regulations. We keep track of the changes, so you don't have to.

But we don't settle there. It is our determination that products should not just fulfill the standards, they should also always be easy to install as well as user-friendly. We are specialists in lift safety and have worked hard the last three decades to provide our customers with the most reliable and innovative solutions possible - surpassing the necessary standards.

SafeLine - more than the standards



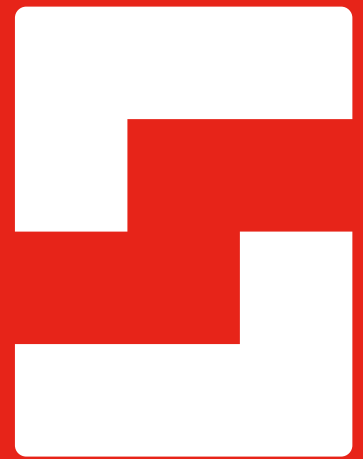
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