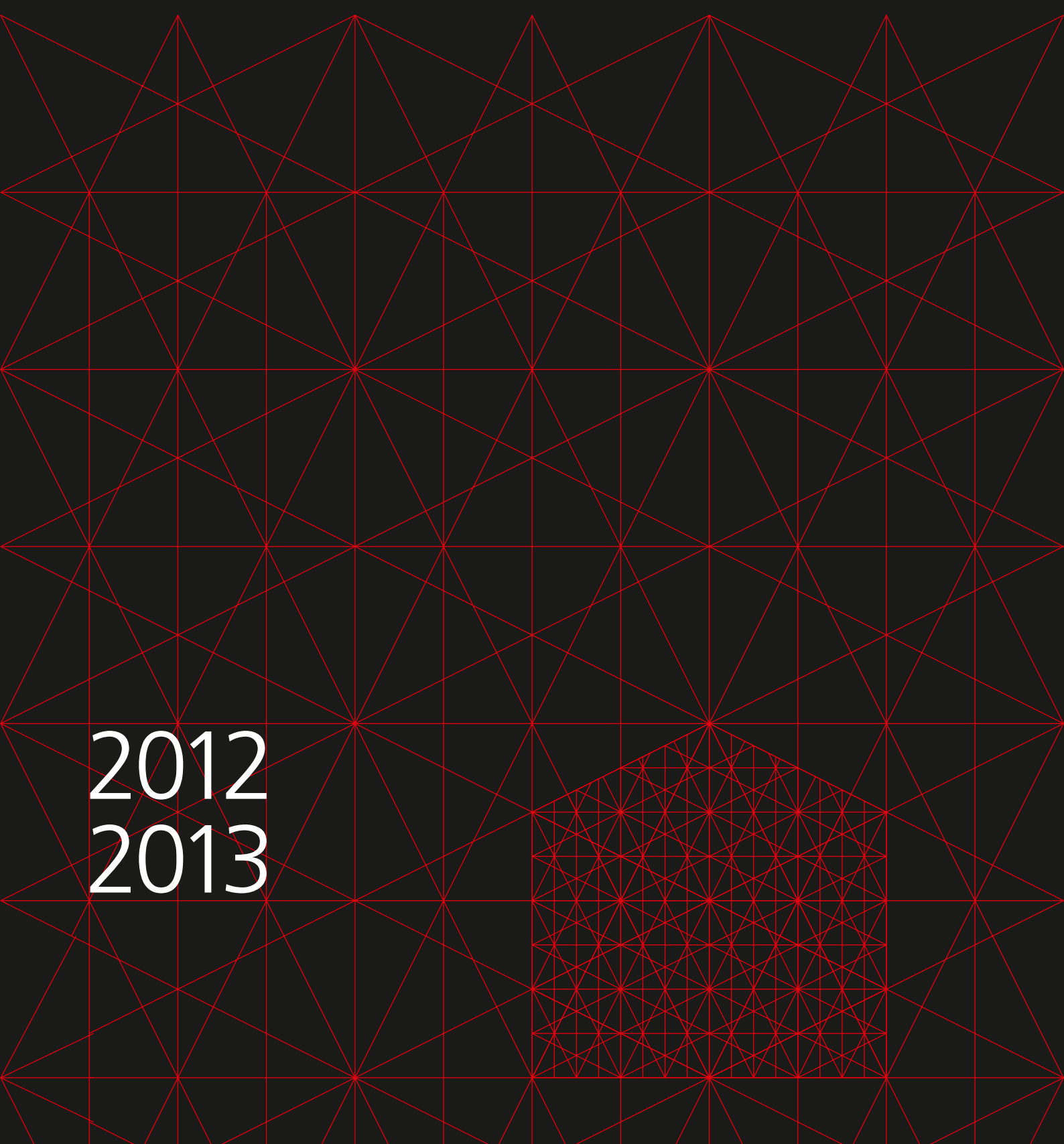


# SSS SIEDLE

For the trade, installers,  
architects and planners

Order catalogue

2012  
2013





Subject to printing errors. We reserve modifications depending on technical improvements.

**General terms and conditions of sale and delivery (AGB)**

Our terms and conditions of sale and delivery apply exclusively.

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Company

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## History



First factory in the current location in Furtwangen (1870)

In around 1750, Mathäus Siedle begins a foundry business casting bells for clock-makers on his farm in the Black Forest. The following generations continue to operate the foundry, with his great-grandson Salomon lifting production onto an industrial scale. At the same time, he adds a second arm to the business, branching out into the field of low voltage technology.

In 1887, Siedle becomes one of a handful of firms pioneering telephone production in Germany. From the 1930s, the company specializes in the field of in-house and door telephony. Following World War II, its development work in this field leads the company on to countless new and successful achievements. Today, Siedle is the market leader in the field of building communication in Germany and many other European countries. The family-run firm continues to develop and produce exclusively in its original location of Furtwangen in the Black Forest.

The Siedle Logistics Center

## Milestones



In 1935, Siedle launches its "Portavox", the first door loud-speaker. With the Portavox, the company has created a product which had never been seen before: The door communication system.

Today, more than seventy years after its invention, door communication technology forms the basis for a system capable of doing far more than talking to visitors and opening doors. Since Portavox, Siedle has been pursuing the same goal: Creating communication systems for every field of application which comply with the most stringent demands.

Now as then, the way to achieve this lies in the assurance of no-compromise quality in terms of engineering, workmanship and design.



1923



1951



1971



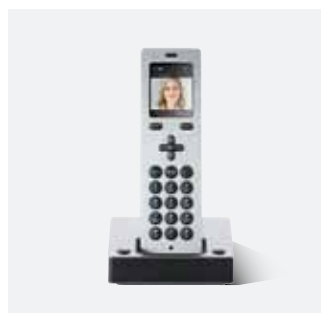
1998



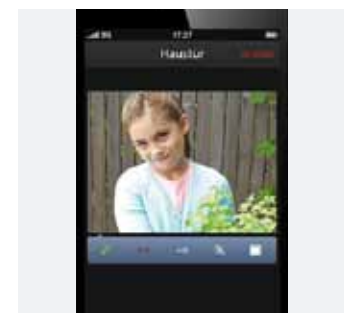
2000



2006



2010



2012

## Design



Siedle has been awarded over 60 national and international design prizes for its product and corporate design.

### DESIGN PLUS

design plus  
Light + Building  
German Design Council

Neue Sammlung  
Munich



German  
design prize  
German Design Council



Red dot award  
product design



iF design award  
Industrie Forum Design



Baden-Württemberg  
International  
Design Award



Architecture and building  
innovation award



Premio Intel Design  
Milan



European Community  
Design Prize



Delta Award ADI-FAD  
Barcelona



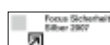
Good Design Award  
Chicago



Universal design award



Innovation & Design Award  
Top Selection  
LivinLuce EnerMotive



International Design Prize  
Baden-Württemberg



TÜV Nord  
Userfriendliness approved  
Universal Design



GfT Security Award



Interior Innovation Award



German Design Prize

**Design: Siedle design  
Eberhard Meurer**

Design means more than just attractive surfaces and appealing shapes. Good design is not a pretence of quality, but an expression of it. Siedle design is just as committed to functionality as it is to aesthetics. It plays an instrumental role in optimum handling, operating simplicity, wide scope for individual expression of style and in creating durable products of lasting value. And importantly, too, good design is a powerful and effective selling point in a tough competitive marketplace. Which is true not only for manufacturers; agents and distributors as well as installers all benefit from the high regard enjoyed by the brand they represent.

## Quality



Once a Siedle product is launched on the market, it has already successfully withstood a tough baptism of fire. It has been exposed to a series of gruelling tests under simulated conditions: tropical heat, extreme Siberian cold, and salty sea air. Every button, every housing and every seal is subjected millions of times over to every kind of physical maltreatment before it ever finds its way into a customer's home. We place the most stringent demands on functional safety, reliability and durability. In almost every instance, Siedle specifications stipulate standards in excess of statutory requirements. Every single component and device is subjected to exhaustive testing.

Like many things at Siedle, the concept of quality looks back on a long tradition. Systems which have given reliable, unstinting service over decades in all conceivable climatic conditions around the world are the proof. But in the unlikely event that something should go wrong: New generations of devices are designed to be reverse compatible, and we still maintain a stock of spare parts for systems which are thirty years old.

Siedle is a name to rely on – whatever the circumstances.







## New products

Siedle Apps	10
Siedle Steel	13
Siedle Classic	14
Siedle Access	16
Deluxe monitor	18
Compact sets with large monitor	19
Status display	19

### Siedle Apps

Siedle Access turns your iPhone and iPad into a mobile call station for door communication. With all the reliability you have come to expect from Siedle and the operating convenience you are familiar with from Apple. Available from the App Store, described in more detail from page 224.

[www.siedle.com/newproducts](http://www.siedle.com/newproducts)







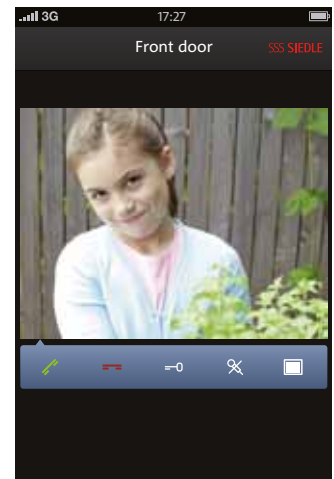
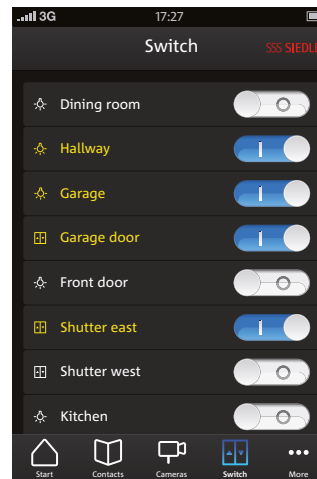
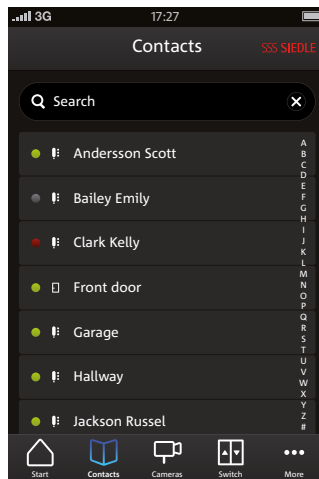
Jenny arrives home. She doesn't have a key – mum was supposed to have been home to let her in. She rings.



Mum is held up and will be some time getting home. Her iPhone rings in with her own specific ringtone: The Siedle App.



Even though there is no-one home, Jenny's mum is able to answer, explain that she is delayed by half an hour and let her into the house. Jenny waves to the camera and goes into the house.





### Siedle Steel

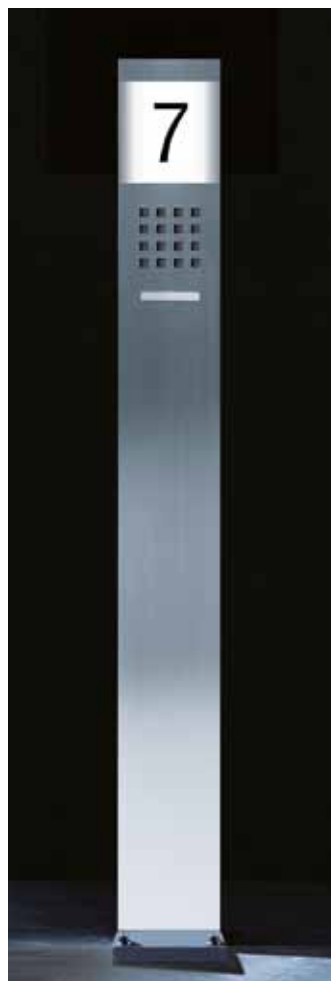
Hardly visible from the front but with a significant impact: Siedle Steel has been given a new support system.

It increases the system's flexibility, extends its application spectrum and permits greater dimensions. New at Siedle Steel:

- Free-standing letterbox with square housing and removal from the back
- Steel systems for surface mounting
- Pedestals can be equipped with modules on both sides
- Removal door of the pass-through letterbox in stainless steel
- Electronic letterbox unlocking
- Illuminated information sign

The system and all new features are described in detail from page 166.

[www.siedle.com/newproducts](http://www.siedle.com/newproducts)



#### Info sign module

The alternative to lighting by surface area light or LED spot: An LED panel brightens the white translucent acrylic glass from behind. Applied film inscription easy legible in clear contrast without dazzling, even in the dark. Available in different measurements.



### Siedle Classic

A metal range is evolving into a system: Classic has become modular. The new Siedle Classic offers a substantially extended function spectrum, more flexible dimensions and a wide range of detailed improvements. Completely new possibilities for an attractive market segment, described in detail from page 134.

[www.siedle.com/newproducts](http://www.siedle.com/newproducts)



#### Extended functionality

The modular structure permits the integration of additional functions such as a fingerprint reader.



#### Pass-through letterbox

With the new letterbox module, Classic covers the typical needs occurring in many entrance areas.



**Letterbox with front removal**

The alternative to the pass-through letterbox. Both letterboxes can be combined with audio and video, and as a non-standard solution with a range of additional functions.

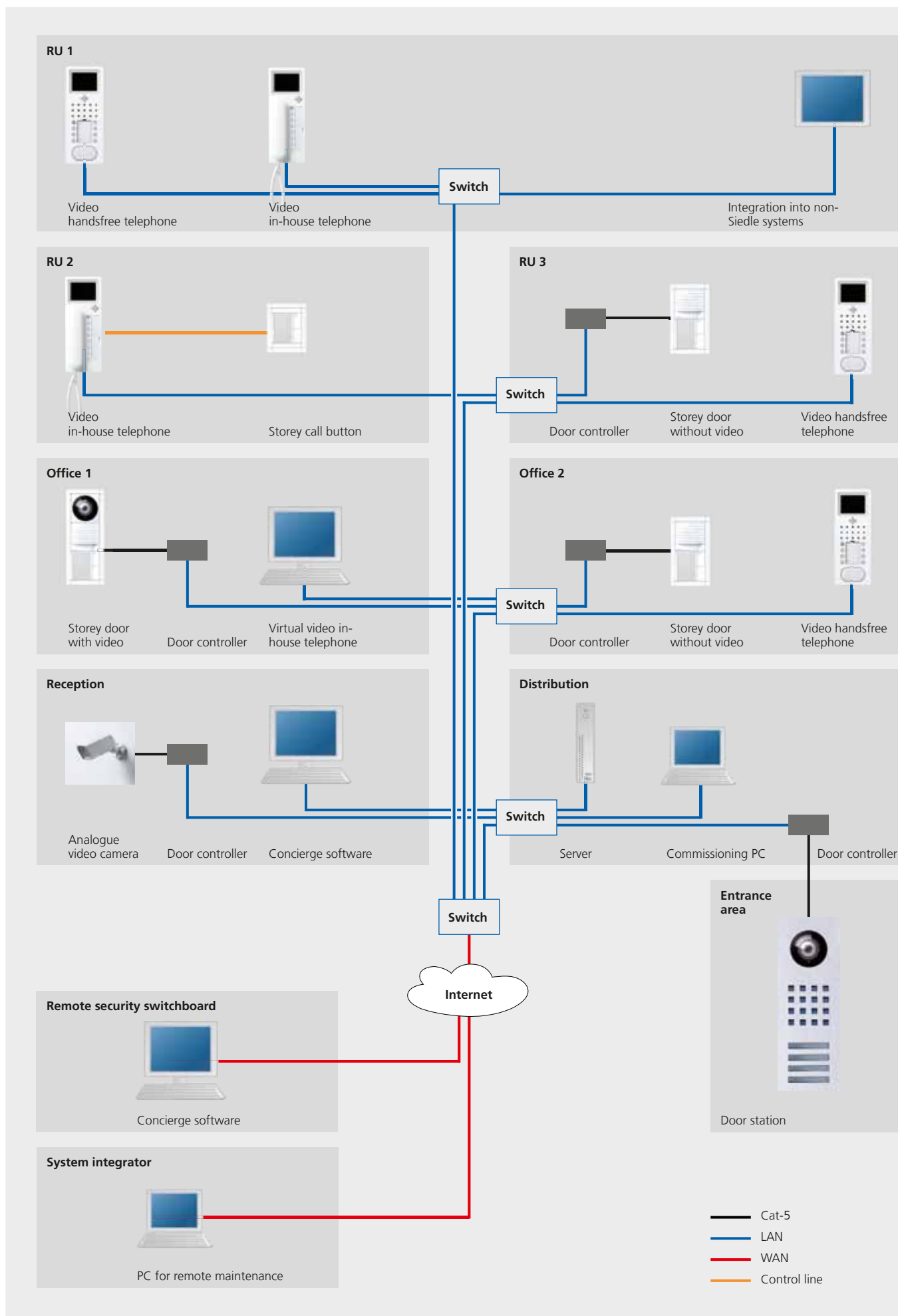


## Siedle Access



The IP system has been available since October 2011. The complete functional scope, a detailed system description, application examples and detailed information on all components are provided from page 278.

[www.siedle.com/newproducts](http://www.siedle.com/newproducts)



### Deluxe monitor

The deluxe models of the in-house and handsfree telephones have been given a new and significantly improved display. The picture quality is far better, the viewing angle substantially increased.

At the same time, all deluxe devices have been given a new menu system modelled to a

large degree on Siedle Access. The memory card insert now takes SDHC cards.

More details on BTCV and BFCV are provided from page 252, 254.

[www.siedle.com/newproducts](http://www.siedle.com/newproducts)





## Compact sets with large monitor Status display



### Compact sets with large monitor

Entry into the world of video door communication has now become even more attractive. From now on, the indoor stations of the video sets come with an 8.8 (3.5 inch) screen diagonal.

The Compact sets are featured from page 320.



### Status display

Vital for barrier-free access:

The status display provides an optical signal of which function is active. This affords the deaf and hard of hearing clear visual feedback from the intercom.

Siedle Steel: Page 170

Siedle Classic: Page 138

Siedle Vario: Page 39

## Design honours



Red dot design award  
winner 2008

## DESIGN PLUS

Light + Building 2008



Design Award of the  
Federal Republic of Germany  
Nominated 2009



iF Product Design Award 2009



German Design Prize  
Nominated 2011



Interior Innovation Award  
Winner 2011



Good Design Award 2011

Accepted into the design collection of the Chicago Athenaeum: Museum of Architecture and Design



**Siedle Select**

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## Design line



### Complete system for private homes

Siedle Select extends the Siedle range by the addition of a letterbox and a light with an outstanding cost-to-performance ratio. Both are excellent products in their own right, engineered to an excellent standard of quality and design which is unmistakably Siedle. In addition, Select is an independent design line providing a complete system capable of addressing every requirement of a one-family home. Select brings together a letterbox, newspaper tube, light, movement sensor module, illuminated house number, intercom and bell with a cohesive matching design concept.

Benefit for the user: An entrance area created out of a single mould instead of a jumble of mismatched components. Benefit for the installer: All components from a single source and additional turnover which previously went elsewhere.



Variable: Door communication can be either integrated in the letterbox or installed as a separate door station.

**Features common to all  
Select components:**

- Cohesive contemporary styling
- Functional, top-grade material mix of translucent plastic and solid aluminium
- Fast surface mounting which leaves the wall intact
- Precision workmanship down to the last detail
- Sophisticated look
- Two standard coating finishes or optional non-standard paintwork finish
- Simple planning and installation
- Excellent cost-to-performance ratio



Effect lighting bathes the translucent housing and mailbox of the video version in subtle light.



The mailbox and newspaper tube are designed with a profile which protects against moisture.



The light is ideally suited for mounting a house number.

## Door station plug+play



### STA 850-1

Select door station audio. Plastic housing with solid aluminium front, for surface-mounting.

Door station with integrated illuminated light button, call button with backlit nameplate, exchangeable from the front.

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

100 x 340 x 38



### STA 850-2

Select door station audio. Plastic housing with solid aluminium front, for surface-mounting.

Door station with integrated illuminated light button, 2 call buttons with backlit nameplates, exchangeable from the front.

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

100 x 340 x 38



### STA 850-4

Select door station audio. Plastic housing with solid aluminium front, for surface-mounting.

Door station with integrated illuminated light button, 4 call buttons with backlit nameplates, exchangeable from the front.

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

100 x 340 x 38

Compact door station with high-grade solid aluminium front. The elegant, contemporary design blends perfectly with the Siedle indoor device range.

- Fast, simple surface-mounting, coupled with extremely low profile design
- Bus door station with full functionality and all the system benefits of the In-Home bus
- Automatic plug+play commissioning



Anodized in natural aluminium colour (EV1)



Aluminium with optional RAL paintwork finish (silk matt), in this example: red

### Individual design:

Alongside the standard coating finishes available (white powder-coated RAL 9016 and natural colour anodized aluminium EV1) we can also supply Siedle Select in any optional colour paintwork finish according to the RAL colour chart (silk matt), for instance in red. Delivery times and prices are indicated in the current price list.

Order code:

Aluminium ...A

White ...W

For optimum inscription possibilities please use the Siedle lettering service. See page 342

**STV 850-1**

Select door station video. Plastic housing with solid aluminium front, for surface-mounting.

Video door station with integrated illuminated light button, call button with backlit nameplate, exchangeable from the front, and colour CCD camera.

- Colour system PAL
  - Image pick-up CCD sensor 8,4 mm (1/3") 752 x 582 pixel (horizontal/vertical)
  - Lens 3.7 mm
  - Automatic day/night switchover
  - Horizontal pick-up angle appr. 60°, vertical appr. 50°
  - Additional mechanical adjustment range by appr. 30° on the horizontal and vertical
  - Horizontal resolution 450 lines
  - Integrated infrared lighting
  - 2-stage heating 12 V AC max. 100 mA
- Protection system: IP 54, IK 8  
Ambient temperature: -20°C to +40°C  
Dimensions (mm) W x H x D:  
100 x 340 x 38

**STV 850-2**

Select door station video. Plastic housing with solid aluminium front, for surface-mounting.

Video door station with integrated illuminated light button, 2 call buttons with backlit nameplates, exchangeable from the front, and colour CCD camera.

- Colour system PAL
  - Image pick-up CCD sensor 8,4 mm (1/3") 752 x 582 pixel (horizontal/vertical)
  - Lens 3.7 mm
  - Automatic day/night switchover
  - Horizontal pick-up angle appr. 60°, vertical appr. 50°
  - Additional mechanical adjustment range by appr. 30° on the horizontal and vertical
  - Horizontal resolution 450 lines
  - Integrated infrared lighting
  - 2-stage heating 12 V AC max. 100 mA
- Protection system: IP 54, IK 8  
Ambient temperature: -20°C to +40°C  
Dimensions (mm) W x H x D:  
100 x 340 x 38

**STV 850-4**

Select door station video. Plastic housing with solid aluminium front, for surface-mounting.

Video door station with integrated illuminated light button, 4 call buttons with backlit nameplates, exchangeable from the front, and colour CCD camera.

- Colour system PAL
  - Image pick-up CCD sensor 8.4 mm (1/3") 752 x 582 pixel (horizontal/vertical)
  - Lens 3.7 mm
  - Automatic day/night switchover
  - Horizontal pick-up angle appr. 60°, vertical appr. 50°
  - Additional mechanical adjustment range by appr. 30° on the horizontal and vertical
  - Horizontal resolution 450 lines
  - Integrated infrared lighting
  - 2-stage heating 12 V AC max. 100 mA
- Protection system: IP 54, IK 8  
Ambient temperature: -20°C to +40°C  
Dimensions (mm) W x H x D:  
100 x 340 x 38

In the same housing as the audio door station STA 850, but additionally equipped with the high-grade colour camera which is also used in almost the same design in the Siedle Vario, Siedle Classic and Siedle Steel systems.

- Mechanically adjustable camera
- Real day / night switchover
- Integrated infrared lighting
- Compatible with all Siedle internal devices with monitor
- Unrestricted bus functionality



Anodized in natural aluminium colour (EV1)



Aluminium with optional RAL paintwork finish (silk matt), in this example: red

**Individual design:**

Alongside the standard coating finishes available (white powder-coated RAL 9016 and natural colour anodized aluminium EV1) we can also supply Siedle Select in any optional colour paintwork finish according to the RAL colour chart (silk matt), for instance in red. Delivery times and prices are indicated in the current price list.

Order code:

Aluminium ...A

White ...W

For optimum inscription possibilities please use the Siedle lettering service. See page 342

## Letterbox



### SBA 850-0 plug+play

Select letterbox audio. Letterbox with integrated door communication. Plastic housing with solid aluminium front, for surface-mounting. Removal from the front, with newspaper compartment. In compliance with DIN EN 13724. Door station with integrated illuminated light button, call button with backlit nameplate, exchangeable from the front.

Pass-through size (mm) W x H:  
331 x 31.6

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:  
409 x 645 x 125



### SBV 850-0 plug+play

Select letterbox video. Letterbox with integrated video door communication. Plastic housing with solid aluminium front, for surface-mounting. Removal from the front, with newspaper compartment. In compliance with DIN EN 13724.

Video door station with integrated illuminated light button, backlit nameplate, exchangeable from the front, and colour CCD camera.

- Colour system PAL
- Image pick-up CCD sensor 8.4 mm (1/3") 752 x 582 pixel (horizontal/vertical)
- Lens 3.7 mm
- Automatic day/night switchover
- Horizontal pick-up angle appr. 60°, vertical appr. 50°
- Additional mechanical adjustment range by appr. 30° on the horizontal and vertical
- Horizontal resolution 450 lines
- Integrated infrared lighting
- 2-stage heating 12 V AC max. 100 mA

Pass-through size (mm) W x H:  
331 x 31.6

Protection system: IP 54, IK 8

Ambient temperature: -20°C to +40°C

Dimensions (mm) W x H x D:  
409 x 645 x 125



### SB 800-0

Select letterbox. Plastic housing with solid aluminium front, for surface-mounting. Removal from the front, with newspaper compartment and nameplate. In compliance with DIN EN 13724.

Nameplate size (mm) W x H:  
round, diameter 72 mm

Pass-through size (mm) W x H:  
331 x 31.6

Dimensions (mm) W x H x D:  
409 x 645 x 111.5

Characteristic features of the Select letterbox are its precise workmanship, top-quality materials and intelligent details. The damped letter flap, for instance, never rattles and remains firmly closed even in the strongest winds. The letterbox has no electronic functions, and is available with audio or video intercom. In this case the communication functions, whose design and function blend seamlessly with the separate door station, are not simply built in but perfectly integrated. As is the case with all Select components, surface-mounting permits simple installation while leaving the outer envelope of the building intact – particularly important in energy-efficient buildings.



Anodized in natural aluminium colour (EV1)



Aluminium with optional RAL paintwork finish (silk matt), in this example: red

### Individual design:

Alongside the standard coating finishes available (white powder-coated RAL 9016 and natural colour anodized aluminium EV1) we can also supply Siedle Select in any optional colour paintwork finish according to the RAL colour chart (silk matt), for instance in red. Delivery times and prices are indicated in the current price list.

### Order code:

Aluminium ...A  
White ...W

For optimum inscription possibilities please use the Siedle lettering service. See page 342



## LED light

**SLB 800-0**

Select LED light with movement sensor module. Plastic housing with solid aluminium front, for surface-mounting. Light with integrated movement sensor module, photoelectric lighting sensor and 4 lighting programs.

Operating voltage: 230–240 V, 50 Hz

Operating current: max. 50 mA

Colour temperature: 4200 K

Light bulb: Lamp unit with 6 LEDs, 8 W total output

Switching time: 5 secs. to 15 mins.

Protection system: IP 44

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

260 x 260 x 76

Rounded corners using the circle as a design theme, the panel made of solid aluminium – the common Select styling language is also reflected in the LED light. With movement sensor module, photoelectric lighting sensor, four switching programs and the energy-saving LED lamp, this series is also a highlight in the technical sense. The two-step automatic ON function ensures an appropriate lighting solution in any situation: When darkness falls, a dimmed light is switched on which is adequate for orientation and for backlighting a mounted house number. If the sensor registers a movement, the light switches over gently to its full luminous intensity. Optionally, the light can be operated with three additional programs.

**Please note:**

Why not include the house number in your order straight away? In black UV and weather-resistant film, to match the product design.

See page 342 Lettering service

The Select light can be operated using four switching programs.

**Program 1:**

Appr. 10% basic light when the set photoelectric lighting controller level is reached, and a gradual increase to 100% light on detection of movement. After expiry of the set ON time, the lamp switches back to the basic light setting. Ideal for illumination of an adhesively mounted house number.

**Program 2:**

100% main light on detection of movement after reaching the set photoelectric lighting controller level. After expiry of the set ON time, the lamp is switched off again.

**Program 3:**

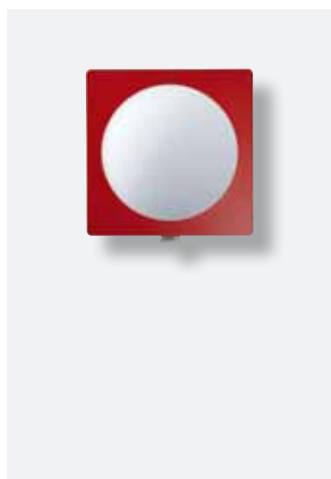
100% main light through the whole night after the set photoelectric lighting controller level is reached until the photoelectric lighting controller level is exceeded again in the morning. In this setting, the movement sensor function is disabled.

**Program 4:**

Movement sensor module and photoelectric lighting sensor are disabled, the light can be controlled using a switch or the L' output of another Select LED light.



Anodized in natural aluminium colour (EV1)



Aluminium with optional RAL paintwork finish (silk matt), in this example: red

**Individual design:**

Alongside the standard coating finishes available (white powder-coated RAL 9016 and natural colour anodized aluminium EV1) we can also supply Siedle Select in any optional colour paintwork finish according to the RAL colour chart (silk matt), for instance in red. Delivery times and prices are indicated in the current price list.

Order code:

Aluminium ...A

White ...W

## Design honours



bundespreis produkt-design  
2000/2001



International Design Award  
Baden-Württemberg Prize  
winner 1998



Premio Intel Design  
Milan 1999



iF Product Design Award  
1999



Red dot for high  
design quality 1999  
Designzentrum  
Nordrhein-Westfalen



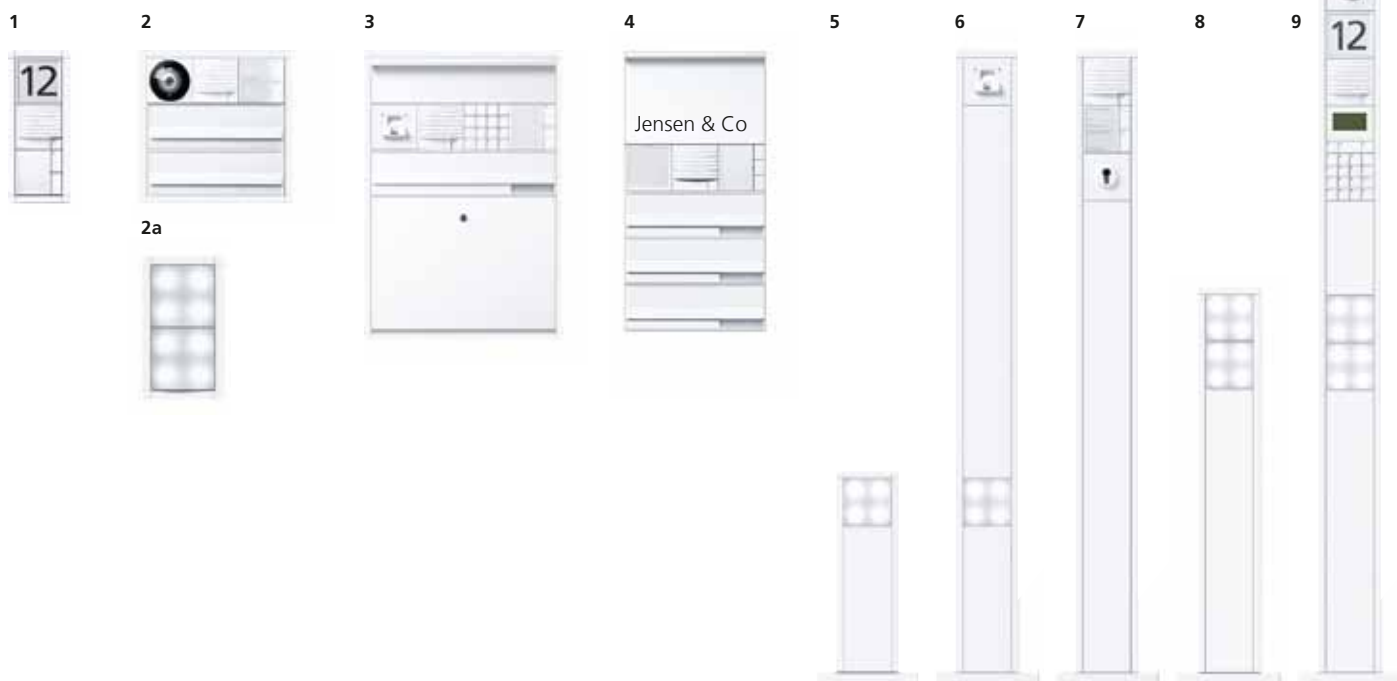
**Siedle Vario**  
**System overview**

System examples	30
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<b>System components/function modules</b>	<b>36</b>
<b>Surface-mounting</b>	<b>52</b>
<b>Flush-mounting</b>	<b>62</b>
<b>Free-standing</b>	<b>70</b>
<b>Surface-mounted letterboxes</b>	<b>80</b>
<b>Flush-mounted letterboxes</b>	<b>90</b>
<b>Free-standing letterboxes</b>	<b>104</b>
<b>Letterboxes – Door panel</b>	<b>126</b>

## System examples

From the door bell to the switching and control centre, modern building communication has a lot to offer. Visitor information and guidance, receiving mail, lighting, security, access control and image projection: The requirements are many and varied. Siedle's solution is a simple one: The modular principle. Siedle Vario is unmatched in its flexibility. As an open-ended, modular system, it fits in with the building owner's requirements, the design specifications of the architect as well as building constraints. The Vario system design ensures that any combination of functional modules complies with the

most stringent standards of both form and function. Top-quality materials such as aluminium or weather and UV-resistant polycarbonate guarantee reliable performance over a long service life. The same high standards apply to the planning and processing stage. Thanks to pre-installation, mounting aids and installation compartments, Siedle Vario is quickly and economically planned and installed.



### 1 The door intercom system

Call button, loudspeaker and info module indicating the house number – the classical intercom system forms the basis for all door communication. Sophisticated audio and voice quality, high-grade engineering and timeless design ensure satisfaction in the long term. Whether flush-mounted or as a surface-mounted retrofit unit, the minimal housing height is another unmistakable characteristic of Siedle Vario.

From page 52

### 2 The pass-through letterbox

A tasteful calling card which puts an end to the motley collection of boxes next to the front door. We advise you to recommend your customers to select a door station, letterbox, info sign and lighting system from a single, competent source. The generous pass-through letterbox offers convenient rear removal of mail items and the function modules such as movement sensor, electronic key etc. make for greater convenience and security.

From page 90

#### 2a The LED light module

Energy-saving, durable, extremely low profile: Four white LEDs behind acrylic glass, for mounting in-row horizontally or vertically without any visible web.

From page 46

### 3 The letterbox with removal from the front

Whether for reasons of lack of space or personal preference – Siedle Vario together with the letterbox for removal from the front team up to create an impressive reception. Whether surface or flush-mounted – the generous letterbox is capable of accommodating even bulky mail items, and together with the function modules creates a convenient communication centre.

From page 50

### 4 The door panel letterbox

For custom-tailored solutions made from one and the same mould, Siedle Vario is also offered as a version for mounting in existing door elements. Letterboxes, Vario modules and the LED surface area light are individually combined. In this way, door stations are created which blend ideally into the entrance area of a residential or office complex.

From page 126

### 5, 6, 7, 8, 9 The communication pedestal; free-standing

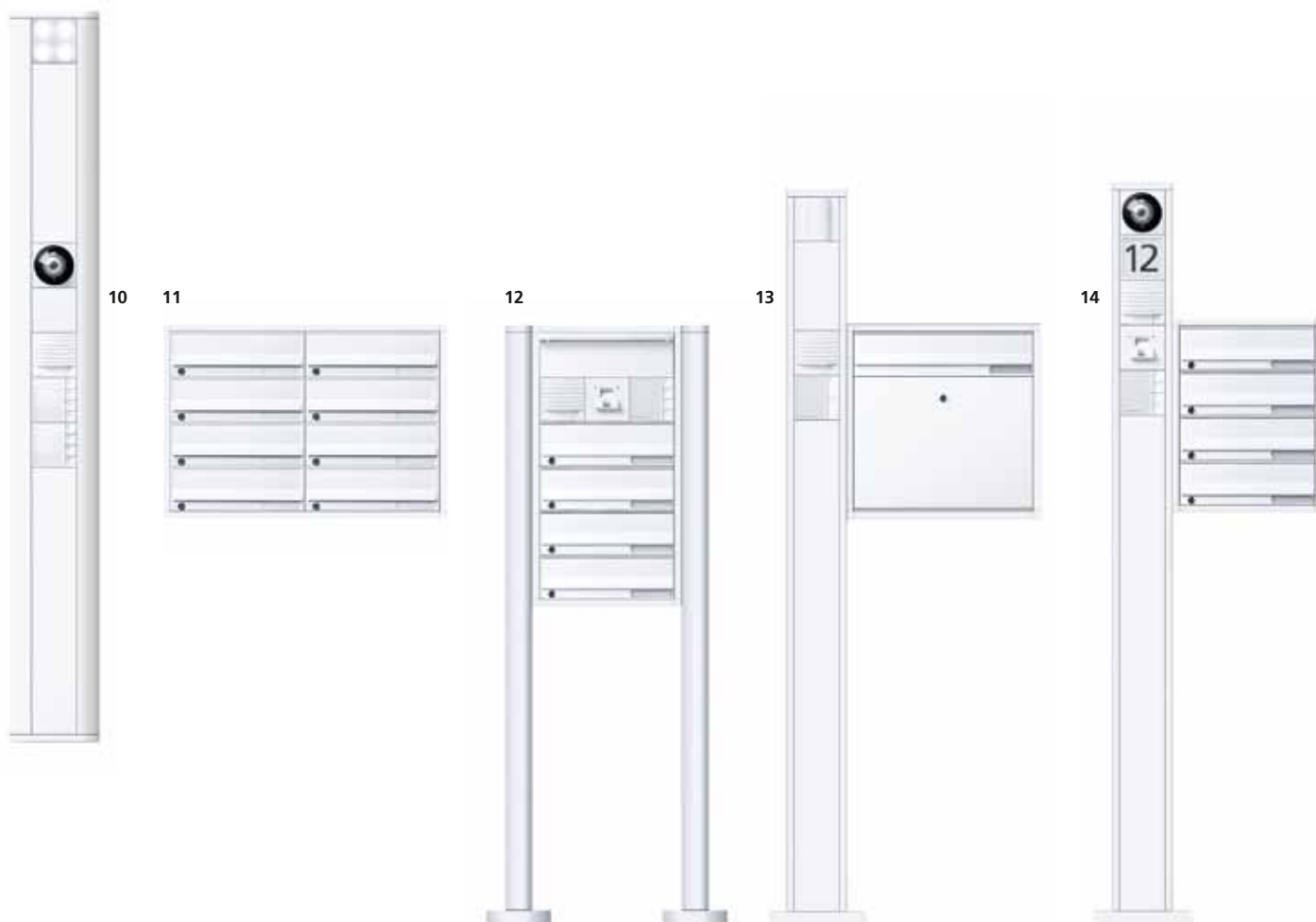
Flexible from every point of view: The free-standing pedestals are placed where they are required without cutting into the facade. Glass elements or insulated walls remain untouched. If lighting is integrated in the pedestal base, when used in combination with light pedestals an integral design concept results throughout the whole of the entrance area.

From page 70

### 5, 6, 8, 9 The Vario pedestal with LED light module

Stylish lighting for paths, staircases or drives at an optimum height. LED light modules for mounting in communication pedestals or free-standing in the form of light pedestals.

From page 73



#### 10 The communication display, surface-mounted

Property owners, architects and planners will have fun with this surface-mounted version: Vertical or horizontal, with info sign(s) or integrated LED surface lights - unlimited scope for imagination. The function modules such as LED light modules, movement sensors, video camera, call button, loudspeaker or 230 Volt applications are integrated in the best possible ergonomically optimized positions.

From page 58

#### 11, 12 The space-saving letterbox; surface-mounted and free-standing

Anyone wishing to accommodate a lot of letterboxes in restricted space is offered the ideal solution in the form of the space-saving letterbox, either in a surface-mounted or free-standing version. Together with the Vario system for calling, speech, video, surveillance, control, lighting and information, solutions are created which not only maintain but also enhance the value of the property.

From page 86

#### 12, 13, 14 Free-standing letterboxes

The free-standing letterbox unit blends ideally against any background and in any situation. A flexible, functional and prestigious mail and door station. Precisely where it is needed and can be shown off to best effect.

The space-saving letterbox or letterbox for front removal can be combined at will with the various Vario modules. The free-standing letterboxes can also be supplied on request as a custom-built unit with removal from the rear.

From page 104

#### 13, 14 The communication pedestal with letterbox, free-standing

With function modules placed in the ideal ergonomic position, the letterbox can be transformed into a progressive communication centre. Information signs and LED surface area lights placed intelligently on the pedestal for improved orientation. The free-standing letterboxes can also be supplied on request as a custom-built unit with removal from the rear.

From page 110

#### Please note:

The following subchapters contain common system examples.

**Colour overview**  
**2 standard colours**



White  
(RAL 9016)  
Order code: ... W



Silver metallic  
(RAL 9006)  
Order code: ... SM

**2 high gloss paintwork finishes**



High gloss white  
(RAL 9016)  
Order code: ... WH



High gloss black  
(RAL 9005)  
Order code: ... SH

Siedle Vario is available in six standard colours. Alongside the standard paintwork finishes white and silver metallic, the high gloss black and white as well as the amber and dark grey micaceous paintwork finishes make a highly individual mark.

The Siedle Vario colour scale is in tune with strong underlying trends: High gloss paintwork finishes are moving ever more into vogue in furniture construction, in the entertainment electronics sector and in other areas, emphasizing a sense of luxurious quality. Amber blends ideally with bronze or burnished brass, and the dark grey micaceous finish is highly popular with architects, for example for use in facades, window frames or gateways.

## 2 micaceous paintwork finishes



Micaceous amber  
(Amber 02)  
Order code: ... BG



Micaceous dark grey  
(DB 703 micaceous paintwork  
finish)  
Order code: ... DG

## Non-standard paintwork finishes



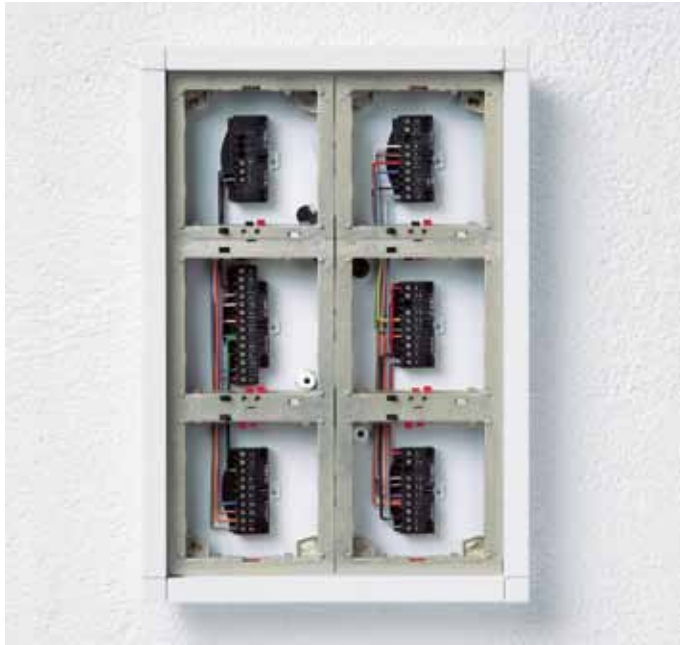
Alongside the standard colours and high gloss / micaceous paintwork finishes, Siedle Vario can be supplied in any optional non-standard paintwork finishes from the RAL colour palette (standard degree of gloss silk matt) and by agreement also to match customer samples. This offers property owners and architects the chance to coordinate the door station perfectly with the architectural concept. All paintwork finishes are lightfast and weather-proof.

Prices and delivery periods for RAL non-standard paintwork finishes of the Siedle Vario system 611 are available on request.

## Notes on the paintwork finishes

The durability and long service life achieved by micaceous paintwork finishes is due to the micaceous iron ore particles they contain. These particles reflect and diffuse the light, lending the surface a changing appearance depending on the incidence of light and the angle of vision. The presence of the micaceous iron ore particles also causes a certain degree of surface roughness, making micaceous surfaces slightly less easy to clean than standard paintwork finishes.

## Pre-installation and mounting



### The Vario housing - perfection down to the last detail

- Several cable entries ensure that the housing can be mounted just exactly where it is required.
- Spacing sleeves help compensate for varying wall evenness.
- Special seals provide optimum protection from water in case of uneven wall surfaces.
- The clip mechanism integrates the (optional) anti-pilfer device for valuable modules such as the camera.



No more finger acrobatics between sharp edges. The swivel-action module retainer creates space for working and affords free vision to the technical elements. This simplifies both inspection and servicing work, as the system can be simply and quickly tested while still connected.



Due to clearly arranged pre-installation, the wiring is correct right from the start. The freely accessible and generous installation compartment permits fast working and offers ...



... reserve cables with the flush and surface-mount housings to accommodate modules which have to be added or differently installed.



Small cause, big effect: The holding-down device at the cable guide and other guidance elements ensure a neat, tidy installation and simple clip-in attachment of the modules. (Top photos)

The key to the Siedle Vario pre-installation concept is the combination terminal. The cores are positioned in the dismantled terminal without distortion. Thanks to clear inscription of the screw and terminal compartment, assignment is child's play. Screw-type terminals with positively guided wire protection ensure reliable, simple contacting. The completely wired combination terminal simply clips in on the floor of the housing. Just click in and you are ready to go. (Photo bottom left)

Small cause, big effect: The functional module is connected in just seconds. Coded plugs preclude any possibility of connection errors, the mechanical locking mechanism guarantees a firm fit without screw connections - simply plug and play. (Photo bottom right)



**Siedle lettering service**

For more detailed information  
on the Siedle lettering service,  
see page 342.





## **Siedle Vario** **System components/function modules**

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Letterbox module	50
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## Module and function overview



**Call button module with 1 button**  
Bell symbol and nameplate LED backlit, nameplate can be exchanged without removing the module.



**Call button module with 2 buttons**



**Call button module with 3 buttons**



**Call button module with 4 buttons**



**Fingerprint module**  
Safe, simple, convenient: Using a finger for door release.



**Code lock module**  
Opens the door or serves as a control centre for all switchable functions, LED backlit.



**Electronic key read module**  
The alternative to the key: Electronic transponder-based door release, LED backlit.



**Lock module**  
For all standard half-profile cylinders.



**Camera module**  
High-grade colour camera with day/night switchover and adjustable wide-angle lens.



**Information module**  
LED backlit, e.g. for house numbers, opening hours, company logo.



**Dummy module**  
Space for inscriptions or as a space keeper for subsequent additions.



**Info sign module**  
Plenty of space for all kinds of information. For stand-alone use or integration in Vario systems.



**LED light module**  
Energy-saving and almost indestructible: Four white LEDs behind acrylic glass. The modules can be mounted in-row to form large-scale lights.



**LED spot**  
Selective LED lighting to emphasize and highlight contours, for instance house numbers or code lock keypads.



**LED surface area light (30 cm)**  
White LEDs in translucent (semi-transparent) plastic housing including inscription surface.



**LED surface area light (40 cm)**



**Anti-pilfer device**  
Mechanical Vario module locking, tamper-proof control from the distributor.



**Door loudspeaker module**

The basis for every intercom system: Loudspeaker, microphone, backlit light button.

**Status display module**

Optical display of operating status in addition to the acoustic acknowledgement signal: Four backlit LED symbols signal the different statuses: „Call“, „Not available“, „Speech“ and „Door release“.

**Display call module**

Replaces long rows of bells: Digital name list with intuitive operation.

**Card reader retainer module**

For access control systems from all renowned manufacturers, including red and green LED.

**Movement sensor module**

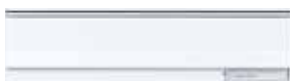
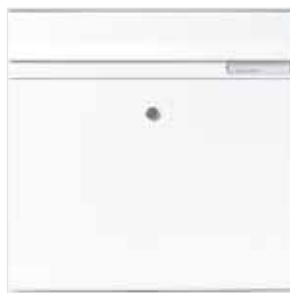
Responds to ambient light and movement.

**Socket module**

PE socket with cover flap

**Letterbox flap (30 cm)**

For pass-through letterboxes, available in 2 widths.

**Letterbox flap (40 cm)****Letterbox module**

For entrances of distinction: Integrates post reception into a Vario system.

**Storage compartment module**

Opens from the front without a key. For newspapers, groceries or other deliveries.

## Door loudspeaker modules

Loudspeaker, microphone and light button in a single module. The symbol inscription of the light button is backlit.



### In-Home bus

#### BTLM 650-04 plug+play

Bus door loudspeaker module in 611 Vario design in conjunction with the Siedle In-Home bus. With front louvre made of weather- and UV-proof polycarbonate, tropicalized loudspeaker, long-life electret microphone and volume controller for loudspeaker. Illuminated low current light button. Integrated video control and working contact for the door release. DR contact can be controlled via the bus line without supplementary wiring. Acoustic feedback when pressing one of the call buttons at the BTM 650-01 to -04. Up to max. 40 call button modules can be connected in any optional combination, allowing up to max. 160 users. 1 BTLM 650-04 corresponds to 2 system users. Contact type: 2 n.o. contacts 15 V AC/30 V DC, 2 A Switching time: DR, 3 secs. Ambient temperature: -20°C to +55°C Protection system: IP 54 Height of structure (mm): 9 Dimensions (mm) W x H x D: 99 x 99 x 35

### 1+n technology

#### TLM 612-02

Door loudspeaker module for the wire-saving 1+n system. Front louvre made of weather- and UV-proof polycarbonate, tropicalized loudspeaker, long-life electret microphone with volume controller for loudspeaker. With integrated switching unit for automatic synchronization of several door loudspeakers, and floating contacts for door release and light. The module can be triggered directly from the in-house telephone via the wire-saving side circuit installation. connection facility for SFC 602-... and CTÖ 602-... Acoustic feedback when pressing one of the call buttons at the TM 612-1 to -4 Contact type: 2 n.o. contacts 15 V AC/30 V DC, 2 A Switching time: DR, 3 secs. Ambient temperature: -20°C to +55°C Protection system: IP 54 Height of structure (mm): 9 Dimensions (mm) W x H x D: 99 x 99 x 35

### Access

#### ATLM 670-0

Access door loudspeaker module in 611 Vario design. Complete module with loudspeaker, microphone and light button with LED illuminated light symbol. Up to max. 48 call button modules can be connected in any optional combination, allowing up to max. 192 users. Acoustic feedback when actuating the call button at the BTM 650-01 to -04 optional. Ambient temperature: -25° C to +55°C Protection system: IP 54 Height of structure (mm): 9 Dimensions (mm) W x H x D: 99 x 99 x 35



Audio and voice quality are subject to stringent testing: Natural tone, sound pattern and language presence as well as frequency must all be right. And background noise should stay in its place - on the street.

## Non-standard door loudspeaker

Door loudspeaker with additional display for optical and acoustic status indication. Available for In-Home bus and Access on request from our project sales team.

### Please note:

All Vario modules, frames and housings are available in the six standard colours and also in non-standard paintwork finishes, see page 32-33.

## Call button modules

The modules differ according to the number of call buttons, and the inscription fields also differ in size accordingly. The call buttons are offset from the illuminated inscription field and carry a bell symbol. Front in polycarbonate, nameplates transparent and easily changeable from the front.

**For optimum inscription possibilities please use the Siedle lettering service.**

**See page 342**



In-Home bus / Access  
**BTM 650-01** plug+play  
1+n technology

**TM 612-1**  
Call button module with nameplate pocket and 1 separate call button with bell symbol.  
Nameplate size (mm) W x H: 65 x 94  
Call button (mm) W x H: 24 x 49  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Dimensions (mm) W x H x D:  
99 x 99 x 27



In-Home bus / Access  
**BTM 650-02** plug+play  
1+n technology

**TM 612-2**  
Call button module with nameplate pocket, 2 nameplates, 2 separate call buttons with bell symbol.  
Nameplate size (mm) W x H: 65 x 44.5  
Call button (mm) W x H: 24 x 49  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Dimensions (mm) W x H x D:  
99 x 99 x 27



In-Home bus / Access  
**BTM 650-03** plug+play  
1+n technology

**TM 612-3**  
Call button module with nameplate pocket, 3 nameplates and 3 separate call buttons with bell symbol.  
Nameplate size (mm) W x H: 65 x 28  
Call button (mm) W x H: 24 x 32  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Dimensions (mm) W x H x D:  
99 x 99 x 27



In-Home bus / Access  
**BTM 650-04** plug+play  
1+n technology

**TM 612-4**  
Call button module with nameplate pocket, 4 nameplates and 4 separate call buttons with bell symbol.  
Nameplate size (mm) W x H: 65 x 19.5  
Call button (mm) W x H: 24 x 24  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Dimensions (mm) W x H x D:  
99 x 99 x 27

## Display call module



**DRM 611-01**  
Display call module as an input device with 4-line display for placing door calls. Customer-specific data stored in the DRM 611-... is indicated on the display. To scroll through the name index, there are two arrow keys provided for „up/down“. If the required name is highlighted in the name list, this user will be called when pressing the bell symbol button. An external DR button can be connected.  
• Display showing 4 lines of 18

characters each, with LED backlighting  
• 3 piezo buttons displacement-free  
• Button actuation with acoustic confirmation  
• Illuminated symbols  
• Up to max. 504 users can be programmed  
Programming possibilities:  
• Using the call controller card RCC 602-... and card reader controller KLC 640-...  
• Using a PC and the TLC programming software via programming interface PRI 602-... and PRI 602-... USB

• or manually using the 3 buttons at the DRM 611-...  
Operating voltage: 12 V AC  
Operating current: max. 200 mA  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Dimensions (mm) W x H x D:  
99 x 99 x 27

### Please note:

All Vario modules, frames and housings are available in the six standard colours and also in non-standard paintwork finishes, see page 32-33.

## Camera module



The eye of every Siedle communication system is a highly developed digital camera with adjustable wide-angle lens, fine picture resolution and a high degree of sensitivity, no matter what the lighting conditions are. One of the system highlights is day/night switchover, which automatically changes in darkness to the monochrome mode with infrared operation. The light sensitivity is ten times higher compared to simple switchover from colour to monochrome.

Important for planning and order placement: The camera is supplied ready for connection. It integrates the bus video transmitter (In-Home bus) / the interfacing relay (coaxial-video).

### Performance features

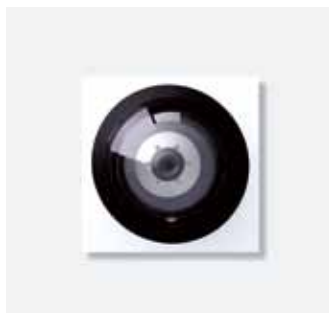
- Integrated bus video transmitter for In-Home bus
- No motorized drive system
- Camera activity not perceptible from outdoors
- Manually adjustable wide-angle lens
- Wide pick-up range
- High resolution
- High light sensitivity
- Integrated infrared lighting
- Automatic day / night switchover
- Real monochrome infrared operation in the dark



Manual pre-adjustment at the back of the camera:

1. Release the locking mechanism using the supplied key
2. Swivel the camera to the required position with the key inserted
3. Then tighten the screw again - ...



**In-Home bus****BCMC 650-0**

Bus camera module, colour, for the Siedle In-Home bus: Video.  
For mounting in Siedle Vario 611 housing. Integrated heating with thermostat, infrared lighting and electronic control circuit.

- Colour system PAL
  - Image pick-up CCD sensor 8.4 mm (1/3") 752 x 582 pixel (horizontal/vertical)
  - Lens 2.9 mm
  - Automatic day/night switchover at approx. 4 Lux (from colour to monochrome) for optimized quality
  - Pick-up angle vertical 60°, horizontal 80°
  - Additional mechanical adjustment range 30° horizontal and vertical
  - Horizontal resolution 450 lines
  - 2-stage heating 12 V AC max. 100 mA
- Protection system: IP 54, IK 10  
Ambient temperature: -20°C to +40°C  
Height of structure (mm): 32  
Dimensions (mm) W x H x D:  
99 x 99 x 58

**BCMC 650-1 USA**

- Colour system NTSC
  - Resolution horizontal 768 lines, vertical 494 pixel
  - For further technical details, see above
- Protection system: IP 54, IK 10  
Ambient temperature: -20°C to +40°C  
Height of structure (mm): 32  
Dimensions (mm) W x H x D:  
99 x 99 x 58

**Access****ACM 670-0**

Access camera module for mounting in Siedle Vario 611-housing.

Performance features:

- Integrated heating with 2-stage temperature control
  - Infrared lighting and control electronics
  - Colour system PAL
  - Image pick-up CCD sensor 8.4 mm (1/3") 752 x 582 pixel (horizontal/vertical)
  - Lens attachment 2.9 mm
  - Automatic day/night switchover at approx. 4 lux (from colour to monochrome) for optimized quality
  - Pick-up angle vertical 60°, horizontal 80°
  - Additional mechanical adjustment range 30° horizontal and vertical
  - Horizontal resolution 450 lines
- Protection system: IP 54, IK 10  
Ambient temperature: -20°C to +40°C  
Height of structure (mm): 32  
Dimensions (mm) W x H x D:  
99 x 99 x 58

**ACM 670-1 USA**

- Colour system NTSC
  - Resolution horizontal 768 lines, vertical 494 pixel
  - For further technical details, see above
- Protection system: IP 54, IK 10  
Ambient temperature: -20°C to +40°C  
Height of structure (mm): 32  
Dimensions (mm) W x H x D:  
99 x 99 x 58

**Anti-pilfer controller****DSC 602-0**

Anti-pilfer controller in a switch panel housing to control a maximum of 2 anti-pilfer accessories ZDS 601-... Using 2 integrated buttons, the mounting frame can be locked and unlocked. An LED flashes to indicate that the release button at the DSC 602-... has been activated. It is only possible to lock the mounting frame after removing the Vario key.

Operating voltage: 12 V AC  
Operating current: max. 100 mA  
Protection system: IP 20  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 3  
Dimensions (mm) W x H x D:  
53.5 x 89 x 60

**ZDS 601-0**

Anti-pilfer accessory with bistable magnet for integration into mounting frame MR 611-... A stable metal plate is used to lock the release mechanism and prevents the removal of function modules.

Ambient temperature: -20°C to +55°C  
Dimensions (mm) W x H x D:  
22.4 x 9 x 13.5

**Please note:**

All Vario modules, frames and housings are available in the six standard colours and also in non-standard paintwork finishes, see page 32-33.

### Information module



#### IM 612-0

Information module with cassette and inscription field, for house number, pictograms, business hours etc.  
Operating voltage: 12 V AC  
Operating current: 25 mA  
Nameplate size (mm) W x H: 91 x 84  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Dimensions (mm) W x H x D:  
99 x 99 x 26

### Dummy module



#### BM 611-0

Dummy module for covering blank spaces or later replacement with any other module.  
Dimensions (mm) W x H x D:  
99 x 99 x 26

### Status display module



#### New

##### Status display

Optical display of operating status in addition to the acoustic acknowledgement signal: Four backlit LED symbols signal the different statuses: „Call“, „Not available“, „Speech“ and „Door release“.

For more information, please contact your local representative.  
Tel. +49 7723 63-434

For optimum inscription possibilities please use the Siedle lettering service.

See page 342

#### Please note:

All Vario modules, frames and housings are available in the six standard colours and also in non-standard paintwork finishes, see page 32-33.

### Info sign modules

Information signs offer space for inscription of house numbers, company logos, business hours etc.

The info sign module is itself unlighted and is supplied with its own retaining plate, sealing strips, decor plate and mounting accessories. Using a suitable LED surface area light, the info sign module can be lit up. In housings / on combination frames, the info sign module may be mounted if applicable across the intermediate web.



#### ISM 611-3/1-0

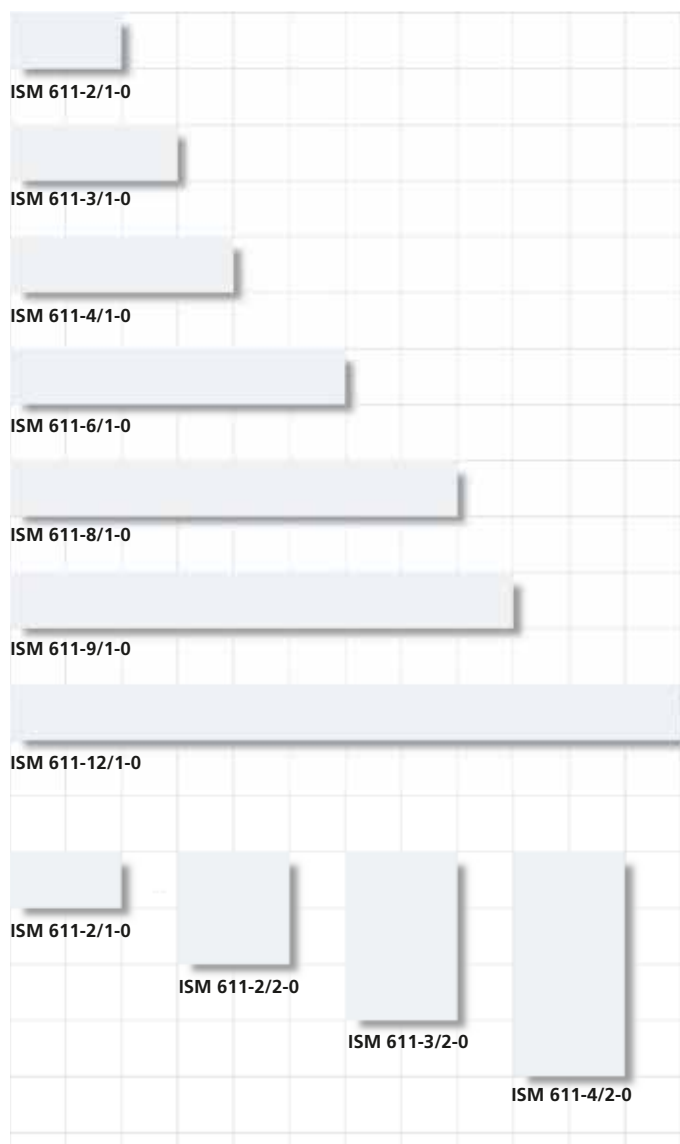
Square info sign module, plastic-coated or with paintwork finish, with sealing strips and retaining plate for Vario system 611-.... For notices, house numbers etc. without illumination. No mounting frame required.

Dimensions (mm) W x H x D:  
299 x 99 x 10

**For optimum inscription possibilities please use the Siedle lettering service.**

**See page 342**

**Production period for inscription of info sign modules appr. 4 weeks from clarification of order.**



#### Dimensions of the info sign module

Designation	Dimensions (mm) W x H x D	Weight (kg)
ISM 611-2/1-0	199 x 99 x 10	0.50
ISM 611-2/2-0	199 x 199 x 10	0.90
ISM 611-3/1-0	299 x 99 x 10	0.70
ISM 611-3/2-0	299 x 199 x 10	1.20
ISM 611-3/3-0	299 x 299 x 10	1.60
ISM 611-4/1-0	399 x 99 x 10	0.90
ISM 611-4/2-0	399 x 199 x 10	1.50
ISM 611-4/3-0	399 x 299 x 10	2.00
ISM 611-4/4-0	399 x 399 x 10	2.60
ISM 611-6/1-0	599 x 99 x 10	1.40
ISM 611-6/2-0	599 x 199 x 10	2.30
ISM 611-6/3-0	599 x 299 x 10	3.20
ISM 611-6/4-0	599 x 399 x 10	4.00
ISM 611-8/1-0	799 x 99 x 10	1.70
ISM 611-8/2-0	799 x 199 x 10	2.90
ISM 611-8/3-0	799 x 299 x 10	4.00
ISM 611-8/4-0	799 x 399 x 10	5.20
ISM 611-9/1-0	899 x 99 x 10	2.00
ISM 611-9/2-0	899 x 199 x 10	3.40
ISM 611-9/3-0	899 x 299 x 10	4.80
ISM 611-9/4-0	899 x 399 x 10	6.00
ISM 611-12/1-0	1199 x 99 x 10	2.70
ISM 611-12/2-0	1199 x 199 x 10	4.50
ISM 611-12/3-0	1199 x 299 x 10	6.30
ISM 611-12/4-0	1199 x 399 x 10	8.00

### LED light module

Four LEDs immerse driveways, paths, entrances or terraces in radiant white light. LED technology reduces operating and maintenance costs, and the simplified power supply concept makes planning and installation easier.



#### LEDM 600-0

LED light module for illumination of the surrounding area with 4 energy-saving LEDs.

Operating voltage: 20–30 V DC

Operating current: max. 150 mA

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Height of structure (mm): 9

Dimensions (mm) W x H x D:

99 x 99 x 35

### LED spot

The spotlight creates a distinctive accent, emphasizes contrasts and sharpens contours. For example for house numbers, call buttons, code locks. Thanks to LED technology, energy-efficient, durable and easy to plan.



#### LEDS 600-0

LED spot for accentuation and emphasis of contours or house numbers with energy-saving LEDs as a light source.

Operating voltage: 12 V AC or

20–30 V DC

Operating current: max. 500 mA or

max. 150 mA

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Height of structure (mm): 36

Dimensions (mm) W x H x D:

99 x 99 x 62

#### Please note:

Due to its possible dazzle effect, the LED light module should not be mounted at eye level.

#### Please note:

A camera module must never be placed under an LED spotlight.

The intensity of the emitted light could impair the camera function.



Our lights have been DIAL tested. Light distribution curves are provided at [www.siedle.com](http://www.siedle.com).

#### Please note:

All Vario modules, frames and housings are available in the six standard colours and also in non-standard paintwork finishes, see page 32-33.

## LED surface area lights

The LED surface area lights are always combined with inscribable surfaces. These are ideally suited for company logos and other information which has to be easily visible in darkness. Alongside all the technical benefits of the LEDs, they also ensure a standardized light

appearance across the whole of the system.

**For optimum inscription possibilities please use the Siedle lettering service.**

**See page 342**

**Production period for inscription of info sign modules approx. 4 weeks from clarification of order.**



### LEDF 600-3/1-0

LED surface area light for illumination of info signs or the door station with energy-saving LEDs.

Operating voltage: 20–30 V DC  
Operating current: max. 260 mA  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Dimensions (mm) W x H x D:  
299 x 99 x 50



### LEDF 600-3/2-0

LED surface area light for illumination of info signs or the door station with energy-saving LEDs.

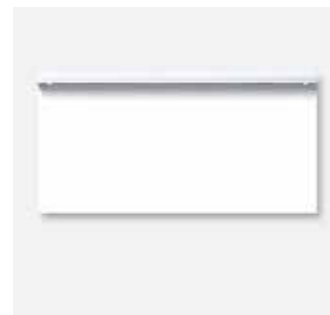
Operating voltage: 20–30 V DC  
Operating current: max. 260 mA  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Dimensions (mm) W x H x D:  
299 x 199 x 50



### LEDF 600-4/1-0

LED surface area light for illumination of info signs or the door station with energy-saving LEDs.

Operating voltage: 20–30 V DC  
Operating current: max. 335 mA  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Dimensions (mm) W x H x D:  
399 x 99 x 50



### LEDF 600-4/2-0

LED surface area light for illumination of info signs or the door station with energy-saving LEDs.

Operating voltage: 20–30 V DC  
Operating current: max. 335 mA  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Dimensions (mm) W x H x D:  
399 x 199 x 50

## Specifications of the LED surface area lights

Designation	Dimensions (mm) W x H x D	Weight (kg)
LEDF 600-3/1-0	299 x 99 x 50	0.82
LEDF 600-3/2-0	299 x 199 x 50	1.14
LEDF 600-3/3-0	299 x 299 x 50	1.46
LEDF 600-4/1-0	399 x 99 x 50	1.07
LEDF 600-4/2-0	399 x 199 x 50	1.51
LEDF 600-4/3-0	399 x 299 x 50	1.94
LEDF 600-4/4-0	399 x 399 x 50	2.37
LEDF 600-6/1-0	599 x 99 x 50	1.63
LEDF 600-6/2-0	599 x 199 x 50	2.28
LEDF 600-6/3-0	599 x 299 x 50	2.93
LEDF 600-6/4-0	599 x 399 x 50	3.57
LEDF 600-8/1-0	799 x 99 x 50	2.15
LEDF 600-8/2-0	799 x 199 x 50	3.01
LEDF 600-8/3-0	799 x 299 x 50	3.88
LEDF 600-8/4-0	799 x 399 x 50	4.74
LEDF 600-9/1-0	899 x 99 x 50	2.4
LEDF 600-9/2-0	899 x 199 x 50	3.37
LEDF 600-9/3-0	899 x 299 x 50	4.34
LEDF 600-9/4-0	899 x 399 x 50	5.32
LEDF 600-12/1-0	1199 x 99 x 50	3.21
LEDF 600-12/2-0	1199 x 199 x 50	4.51
LEDF 600-12/3-0	1199 x 299 x 50	5.80
LEDF 600-12/4-0	1199 x 399 x 50	7.10



### MA/LEDF 600-0

Mounting adapter LED surface area light to hold terminal blocks when an LEDF 600-... is mounted in housing BGA 611-..., BG/KSF 611-..., BG/SR 611-... or in the info sign housing of a KSF 61x.  
Fixture using the supplied adhesive tape.  
Dimensions (mm) W x H x D:  
56 x 56 x 5.5



### LNG 600-0

Light line rectifier in the switch panel housing to supply LED modules.  
Operating voltage: 100–240 V AC, 50/60 Hz  
Operating current: 0.3 to 0.7 A  
Output voltage: 30 V DC  
Output current: 1.1 A DC  
Ambient temperature: 0°C to +40°C  
Protection system: IP 20  
Horizontal pitch (HP): 6  
Dimensions (mm) W x H x D:  
107 x 89 x 60

### Please note:

Depending on the contrast between the colour of the Vario door station, the colour of the applied lettering and the lighting conditions on site, at least four Vario system rows can be well lit underneath one LED surface area light.

## Fingerprint module



### FPM 611-02

Fingerprint module as access control system with function LED.

Suitable for:

- Stand-alone operation
- Operation with entrance controller EC 602-...

Programming takes place using PRI 602-... USB or PRI 602-... and provided PRS 602-...

- Operation with door controller TCIP 603-...

Programming by means of web browser

Operating voltage: 12 V AC

Operating current: max. 250 mA

Contact type: n.o. contact 24 V, 2 A

Switching time: 3 secs.

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Height of structure (mm): 17

Dimensions (mm) W x H x D:

99 x 99 x 43

#### Please note:

We recommend reading in the prints of at least 2 fingers per person to ensure that access is still possible in case of injury to one finger.

A maximum of 5 groups can be formed in "stand-alone operation".

Individual fingerprints cannot be removed. Only the complete group can be removed at a time.

It is possible, particularly with children or the elderly, that fingerprints cannot be successfully scanned-in due to absent or insufficient biometric characteristics.

For test purposes, demonstration cases are available for loan to electrical installers. These can be requested through the Siedle Service. See page 368

## Code lock module



### COM 611-02

Code lock module as an input unit for the placement of codes for control functions in conjunction with the Siedle Vario bus.

- in conjunction with entrance controller EC 602-... for setting control function and access control codes.

Programming takes place using PRI 602-... or PRI 602-... USB and provided PRS 602-...

- in conjunction with door controller IP TCIP 603-... for setting control function and access control codes.

Programming via web browser

- Operation with call controller RC 602-..., for programming codes for door calls, a C button to delete incorrect entries and a DR button for direct door release. This door release function can additionally be controlled by a time switch provided by the user.

An integrated LED can be used via an external potential-free contact as a status indication.

Operating voltage: 12 V AC

Operating current: max. 100 mA

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27

## Electronic key read module



### ELM 611-01

Electronic key reading module as a contactless access control system with LED function.

As reading unit of electronic keys or cards for opening doors, gates etc.

Suitable for:

- "stand-alone" mode, a maximum of 9 electronic keys or cards can be used.
- in conjunction with entrance controller EC 602-... a maximum of 999 electronic keys or cards can be used.

Programming takes place using PRI 602-... or PRI 602-... USB and provided PRS 602-...

- in conjunction with door controller IP TCIP 603-... a maximum of 500 users possible (larger systems on request).

Programming via web browser.

Operating voltage: 12 V AC

Operating current: 120 mA

Contact type: n.o. contact 24 V, 1 A

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27



### EK 601-0

Electronic key; key in conjunction with electronic key read module ELM 611-... Each electronic key is unique, completely encapsulated and works without battery. The EK 601-... can only be destroyed by inflicting mechanical damage.

Packaging unit: 3 or 10 pcs.

Dimensions (mm) W x H x D:

57 x 25.2 x 9.5

#### Please note:

If the EK 601-... is fastened to a car key ring, it may disturb the immobilizer.



### DSC 602-0

Anti-pilfer controller in a switch panel housing to control a maximum of 2 anti-pilfer accessories ZDS 601-...

Using 2 integrated buttons, the mounting frame can be locked and unlocked. An LED flashes to indicate that the release button at the DSC 602-... has been activated. It is only possible to lock the mounting frame after removing the Vario key.

Operating voltage: 12 V AC

Operating current: max. 100 mA

Protection system: IP 20

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

53.5 x 89 x 60



### ZDS 601-0

Anti-pilfer accessory with bistable magnet for integration into mounting frame MR 611-...

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

22.4 x 9 x 13.5



### EKC 601-0

Electronic key card for use in conjunction with the Siedle Electronic key reading module ELM 611-... Each electronic card is unique, completely encapsulated and works without battery. The EKC 601-... can only be destroyed by inflicting mechanical damage.

Packaging unit: 3 or 10 pcs.

Dimensions (mm) W x H x D:

85 x 54 x 1

### Card reader retainer module



#### KLM 611-0

Card reader retainer module  
In cooperation with partners from the field of access control/operating data acquisition, Siedle offers the opportunity for card readers from this manufacturer to be purchased together with the Siedle module front KLM 611-... for integration into the Siedle Vario system. To guarantee optimum function, purchase of the complete card reader is only possible through the partners named below:

- esser-effeff alarm GmbH  
www.effeff.de
- Interflex Datensysteme GmbH  
www.interflex.de
- Winkhaus Intrass Datensysteme GmbH  
www.winkhaus.de

In many cases, the structural depth of the card reader exceeds the standard dimensions of the Siedle Vario housing. Siedle offers the following solutions:

Flush-mounting:

Siedle offers a special flush-mount housing GU/KLM 611-... with a completely assembled special housing for KLM 611-0 with card reader (on request).

Surface-mounted communication display:

KSA 6... can be recessed at the back on the basis of a quotation and drawing and delivered together with special glass (not mounted). For this purpose, the position of the KLM 611-0 with card reader in the KSA 6... must be clarified in advance.

Free-standing communication pedestals, letterbox with communication pedestal, space-saving letterboxes with communication pedestal:

The structural depth of the KSF 6..., BG/KSF 611-... and RG/KSF 611-... is coordinated with the card readers so that they can generally be integrated without additional measures.

Free-standing letterboxes and space-saving letterboxes with standpipe:

Integration of a KLM 611-... with card reader in the BG/SR 611-... and RG/SR 611-... is possible by reworking the modular adapter MA/BG 611-... or MA/RG 611-... For this purpose, the position of the card reader must be clarified in advance.

The protection system depends on the card reader used.

- For possibilities with Siedle access control, see also under Siedle Vario bus with FPM 611-..., ELM 611-... and COM 611-...

Height of structure (mm): 8  
Dimensions (mm) W x H x D:  
99 x 99 x XX

### Lock module



#### SM 611-01

Lock module to control gates/roller doors, driveways, garages etc., with two-stage touch contact; no locking cylinder.

All profile half-cylinders to DIN (appr. 40 mm overall length) can be used. Integration of the SM 611-01... in the GA 612-... is not possible (due to mounting depth).

Contact type: n.o. contacts, max. 24 V, 2 A  
Mounting depth (mm): 41  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Height of structure (mm): 9  
Dimensions (mm) W x H x D:  
99 x 99 x 50

### Additional functions Movement sensor module



#### BMM 611-0

Movement sensor module in the Vario system with a horizontal pick-up angle of max. 180°. It picks up infrared beams in a limitable area such as those emitted by humans. The system contains a highly sensitive infrared detector, a photoelectric lighting controller and the associated amplifying circuit.

The horizontal detection range and the pick-up width can be adjusted.

- Max. pick-up width depending on mounting height, mounting position of the lens, external temperature and approach direction
  - Pick-up width can be reduced using a shield insert
  - Horizontal pick-up angle max. 180° adjustable by means of shield insert
  - Switching outputs: output 1: Photoelectric lighting controller, output 2: Movement sensor module, output 3: Series connection of output 1 and output 2
  - Response threshold for photoelectric lighting controller adjustable between appr. 5-300 Lux
  - Photoelectric lighting controller, in combined photoelectric and movement detection mode, self-lighting protection
- Operating voltage: 12 V AC  
Operating current: max. 120 mA  
Contact type: contact 24 V AC/DC, 2 A  
Switching time: 5 secs. to 15 mins.  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Height of structure (mm): 25  
Dimensions (mm) W x H x D:  
99 x 99 x 51

### Socket module



#### SDM 600-0

Socket module with flap and attached PE socket. Integration of the SDM 600-... is only possible in the KSF 6... due to the mounting depth. Installation without combination terminal.

Mounting depth (mm): 95  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Height of structure (mm): 5  
Dimensions (mm) W x H x D:  
99 x 99 x 100

#### Please note:

All Vario modules, frames and housings are available in the six standard colours and also in non-standard paintwork finishes, see page 32-33.

## Letterbox flaps



### BE 611-3/1-0

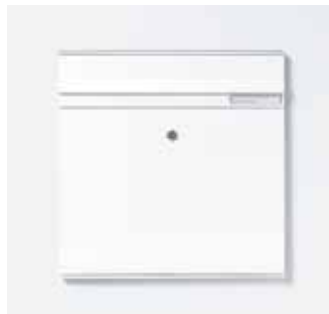
Letterbox flaps module made of extruded aluminium sheath, plastic-coated or painted. Thermal separation by means of plastic elements ensures good heat insulation. The pass-through opening behind the flap can be adjusted in three stages: From the biggest possible opening of 30.5 mm to 20 mm, and if necessary the opening can be completely closed (e.g. during holiday periods). Self-closing flap, torsion-resistant, low-noise operation due to sealing lip. Pass-through and anti-pilfer device to DIN EN 13724. Can be screwed onto BKV 611-3/... or into a wall recess. Inscription field under the letterflap. Only in conjunction with BKV 611-3/... or with user's own letter compartment. Pass-through size (mm) W x H: 251 x 36  
Nameplate size (mm) W x H: 85 x 16  
Dimensions (mm) W x H x D: 299 x 99 x 6



### BE 611-4/1-0

Letterbox flaps module made of extruded aluminium sheath, plastic-coated or painted. Thermal separation by means of plastic elements ensures good heat insulation. The pass-through opening behind the flap can be adjusted in three stages: From the biggest possible opening of 40.5 mm to 20 mm, and if necessary the opening can be completely closed (e.g. during holiday periods). Self-closing flap, torsion-resistant, low-noise operation due to sealing lip. Pass-through and anti-pilfer device to DIN EN 13724. Can be screwed onto BKV 611-4/... or wall recess. Inscription field under the letterflap. Only in conjunction with the BKV 611-4/... or with user's own letter compartment. Pass-through size (mm) W x H: 351 x 36  
Nameplate size (mm) W x H: 85 x 16  
Dimensions (mm) W x H x D: 399 x 99 x 6

## Letterbox module



### BKM 611-4/4-0

Letterbox module with pass-through flap, front removal door and letterbox. Pass-through and anti-pilfer device to DIN EN 13724. Pass-through flap and removal door in plastic-coated or painted aluminium, torsion-resistant, hard-wearing, concealed plastic hinges. The nameplate is located under the letterbox flap. Convenient post removal door which brakes automatically at a pre-determined angle, safety lock with 2 keys. Permanently integrated in the module is a large-format letterbox made of plastic, bottom-shaped as post support rack. The square design permits installation of letterbox module housings BGU/BGA 611-... . Fitted for attachment to combination frame. Pass-through size (mm) W x H: 355 x 32.5  
Nameplate size (mm) W x H: 85 x 16  
Mounting depth (mm): 117  
Height of structure (mm): 6  
Dimensions (mm) W x H x D: 399 x 399 x 123

## Storage compartment module



### AFM 611-4/4-0

Delivery compartment module with removal door at the front to be used for purposes such as a compartment for deliveries by baker, milkman etc. Removal door made of plastic-coated or painted aluminium, torsion-resistant, hard-wearing, concealed hinges made of plastic. With top sealing lip and convenient turn-lock fastener. The opening door is automatically stopped at a predetermined angle. Module made of foam plastic, with rack. The square shape permits mounting in letterbox housings BGU/BGA 611-... with fastening facility at the combination frame. Suitable for external installation. Mounting depth (mm): 117  
Height of structure (mm): 18  
Dimensions (mm) W x H x D: 399 x 399 x 135

**For optimum inscription possibilities please use the Siedle lettering service.**

**See page 342**

### Please note:

All Vario modules, frames and housings are available in the six standard colours and also in non-standard paintwork finishes, see page 32-33.









**Siedle Vario**  
**Surface-mounting**

<b>Surface-mounted housing</b>	
Product description	54
System structure	54
System components	55
Electronic anti-pilfer device	57
<b>Surface-mounted communication display</b>	
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System structure	58
Order examples	59
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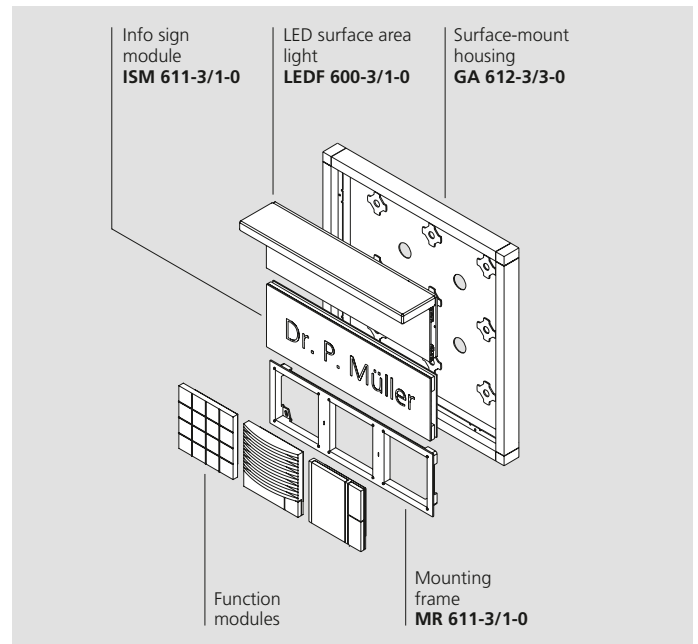
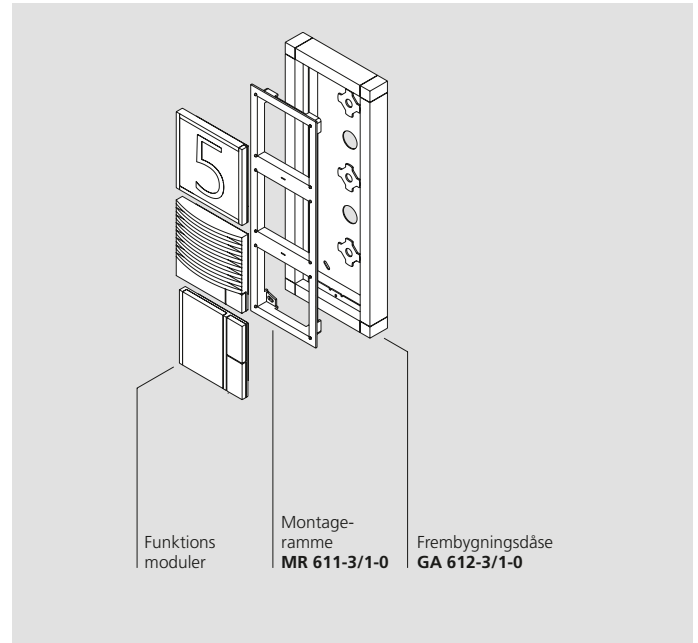
## Product description



The Siedle Vario surface-mount housing has an extremely low profile of only 37 mm in height and is gratifyingly easy to mount. These benefits make the surface-mounting system the ideal solution for renovation and modernization projects and for applications involving hard substrate materials with difficult processing properties such as marble. Surface-mounting also contributes to energy-saving construction, as it involves neither wall openings nor cutting into the insulating layer.



## System structure



The surface-mount housing units GA 612-... are suitable for vertical or horizontal mounting and are fixed to the wall with the aid of 4 fixing holes. The add-on height of the housing is 37 mm. For cable entry, there are one or more cable inlet openings available depending on the size of the housing with the relevant holding-down devices and a corresponding number of seals against the ingress of water. The two- and three-rowed surface-mount housings are additionally fitted with cable channels to ensure tidy installation. With integrated catches for quick fastening of the combination terminal.

When fixing the square functional modules in the surface-mount housing, mounting frames are always required. Quick-release fasteners are available for fixture of the mounting frame MR 611-...

Info sign modules and LED surface area lights, in contrast, are fixed in the surface-mount housing without mounting frame.

Mounting frame MR 611-..., info sign module ISM 611-... and LED surface area lights LEDF 600-... can be inserted in the surface-mount housing both lengthwise

and diagonally.

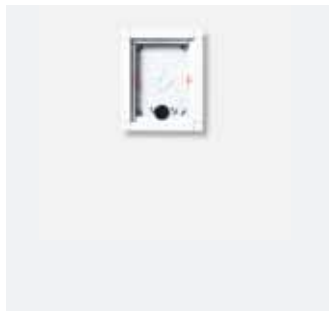
Surface-mount housings are supplied without mounting frame, but with a complete set of accessories for wall mounting.

For insertion in the surface-mount housing, square function modules, info sign modules and LED surface area lights in various lengths are available - for use in almost any optional combination.

The available function and lighting modules are described in the section Vario System Components.

## System components

### Surface-mounted housing



#### GA 612-1/1-0

Surface-mount housing in extruded aluminium sheath with zinc die-cast corner connectors and steel floor plate for 1 function module. Completely powder-coated / painted, for accommodating mounting frame MR 611-1/1.

Dimensions (mm) W x H x D:  
132 x 164 x 36.5



#### GA 612-2/1-0

Surface-mount housing in extruded aluminium sheath with zinc die-cast corner connectors and perforated steel floor plate for 2 function modules. Completely powder-coated / painted, suitable for vertical or horizontal mounting. To accommodate mounting frame MR 611-2/1 or info sign module ISM 611-2/1.

Dimensions (mm) W x H x D:  
132 x 232 x 36.5



#### GA 612-3/1-0

Surface-mount housing in extruded aluminium sheath with zinc die-cast corner connectors and perforated steel floor plate for 3 function modules. Completely powder-coated / painted, suitable for vertical or horizontal mounting. To accommodate mounting frame MR 611-3/1, LED surface area light LEDF 600-3/1 or info sign module ISM 611-3/1.

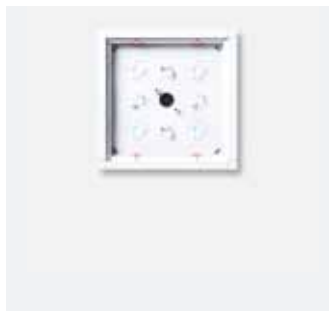
Dimensions (mm) W x H x D:  
132 x 332 x 36.5



#### GA 612-4/1-0

Surface-mount housing in extruded aluminium sheath with zinc die-cast corner connectors and steel floor plate for 4 function modules. Completely powder-coated / painted, suitable for vertical or horizontal mounting. To accommodate mounting frame MR 611-4/1, LED surface area light LEDF 600-4/1 or info sign module ISM 611-4/1.

Dimensions (mm) W x H x D:  
132 x 432 x 36.5



#### GA 612-2/2-0

Surface-mount housing in extruded aluminium sheath with zinc die-cast corner connectors and steel floor plate for 4 function modules. Completely powder-coated / painted, suitable for vertical or horizontal mounting. To accommodate mounting frame MR 611-2/1 or info sign module ISM 611-...

Dimensions (mm) W x H x D:  
232 x 232 x 36.5



#### GA 612-3/2-0

Surface-mount housing in extruded aluminium sheath with zinc die-cast corner connectors and perforated steel floor plate for 6 function modules. Completely powder-coated / painted, suitable for vertical or horizontal mounting. To accommodate mounting frame MR 611-..., LED surface area lights LEDF 600-... or info sign module ISM 611-...

Dimensions (mm) W x H x D:  
232 x 332 x 36.5



#### GA 612-4/2-0

Surface-mount housing in extruded aluminium sheath with zinc die-cast corner connectors and perforated steel floor plate for 8 function modules. Completely powder-coated / painted, suitable for vertical or horizontal mounting. To accommodate mounting frame MR 611-..., LED surface area lights LEDF 600-... or info sign module ISM 611-...

Dimensions (mm) W x H x D:  
232 x 432 x 36.5



#### GA 612-3/3-0

Surface-mount housing in extruded aluminium sheath with zinc die-cast corner connectors and perforated steel floor plate for 9 function modules. Completely powder-coated / painted, suitable for vertical or horizontal mounting. To accommodate mounting frame MR 611-3/1, LED surface area lights LEDF 600-... or info sign module ISM 611-...

Dimensions (mm) W x H x D:  
332 x 332 x 36.5



#### GA 612-4/3-0

Surface-mount housing in extruded aluminium sheath with zinc die-cast corner connectors and perforated steel floor plate for 12 function modules. Completely powder-coated / painted, suitable for vertical or horizontal mounting. To accommodate mounting frame MR 611-..., LED surface area lights LEDF 600-... or info sign module ISM 611-...

Dimensions (mm) W x H x D:  
332 x 432 x 36.5

#### Specifications surface-mounted housing

Designation	Dimensions (mm) W x H x D	Weight (kg)
GA 612-1/1-0	132 x 164 x 36.5	0.60
GA 612-2/1-0	132 x 232 x 36.5	0.77
GA 612-2/2-0	232 x 232 x 36.5	1.1
GA 612-3/1-0	132 x 332 x 36.5	1.00
GA 612-3/2-0	232 x 332 x 36.5	1.46
GA 612-3/3-0	332 x 332 x 36.5	1.94
GA 612-4/1-0	132 x 432 x 36.5	1.20
GA 612-4/2-0	232 x 432 x 36.5	1.9
GA 612-4/3-0	332 x 432 x 36.5	2.4

#### Please note:

All Vario modules, frames and housings are available in the six standard colours and also in non-standard paintwork finishes, see page 32-33.

Siedle Vario  
Surface-mounting  
Surface-mounted housing

System components  
Mounting frame



**MR 611-1/1-0**  
Mounting frame made of zinc die-cast, to hold one function module. Suitable for vertical or horizontal mounting. With quick-release screws for flush-mount housing and Siedle Vario key.  
Dimensions (mm) W x H x D:  
99.5 x 131 x 27

**Please note:**  
The mounting frame MR 611-1/1-... must be ordered to match the housing / frame colour.



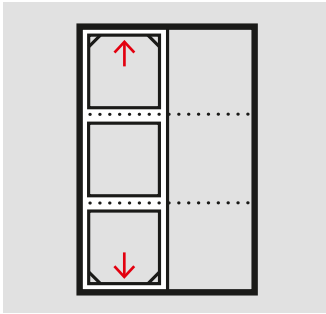
**MR 611-2/1-0**  
Mounting frame made of zinc die-cast, to accommodate 2 function modules. Suitable for vertical or horizontal mounting. With quick-release screws for flush-mount housing and Siedle Vario key.  
Dimensions (mm) W x H x D:  
99.5 x 199.5 x 17



**MR 611-3/1-0**  
Mounting frame made of zinc die-cast, to accommodate 3 function modules. Suitable for vertical or horizontal mounting. With quick-release screws for flush-mount housing and Siedle Vario key.  
Dimensions (mm) W x H x D:  
99.5 x 299.5 x 17



**MR 611-4/1-0**  
Mounting frame made of zinc die-cast, to accommodate 4 function modules. Suitable for vertical or horizontal mounting. With quick-release screws for flush-mount housing and Siedle Vario key.  
Dimensions (mm) W x H x D:  
99.5 x 399.5 x 17



**Rule**  
Mounting frames, info sign modules and LED surface area lights are always fixed on two opposite sides at the edge of the surface-mount housing, i.e. they must either take up the complete height or the complete width of the surface-mount housing.

Specifications mounting frame		
Designation	Dimensions (mm) W x H x D	Weight (kg)
MR 611-1/1-0	99.5 x 131 x 27	0.27
MR 611-2/1-0	99.5 x 199.5 x 17	0.40
MR 611-3/1-0	99.5 x 299.5 x 17	0.53
MR 611-4/1-0	99.5 x 399.5 x 17	0.66

### Electronic anti-pilfer device

Siedle offers an additional safeguard against unauthorized removal of modules. In this case, removal is not possible even with the Vario key. The anti-pilfer facility consists of the anti-pilfer accessory ZDS 601 and the anti-pilfer controller DSC 602-...

The ZDS 601 is inserted in the web(s) of the mounting frame and reliably seals off access to the release mechanism.

The anti-pilfer controller DSC 602-... is located in the distributor, and is consequently inaccessible from the outside.

For the mounting frames MR 611-1/1 and MR 611-2/1 one ZDS 601-... is required, for mounting frames MR 611-3/1 and MR 611-4/1 two ZDS 601-... units are required. Two ZDS 601-... units can be

connected to one DSC 602-... controller. The locking function is reliably maintained even in the event of a power failure.



#### DSC 602-0

Anti-pilfer controller in a switch panel housing to control a maximum of 2 anti-pilfer accessories ZDS 601-... Using 2 integrated buttons, the mounting frame can be locked and unlocked. An LED flashes to indicate that the release button at the DSC 602-... has been activated. It is only possible to lock the mounting frame after removing the Vario key.

Operating voltage: 12 V AC

Operating current: max. 100 mA

Protection system: IP 20

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

53.5 x 89 x 60



#### ZDS 601-0

Anti-pilfer accessory with bistable magnet for integration into mounting frame MR 611-... A stable metal plate is used to lock the release mechanism and prevents the removal of function modules.

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

22.4 x 9 x 13.5

## Product description



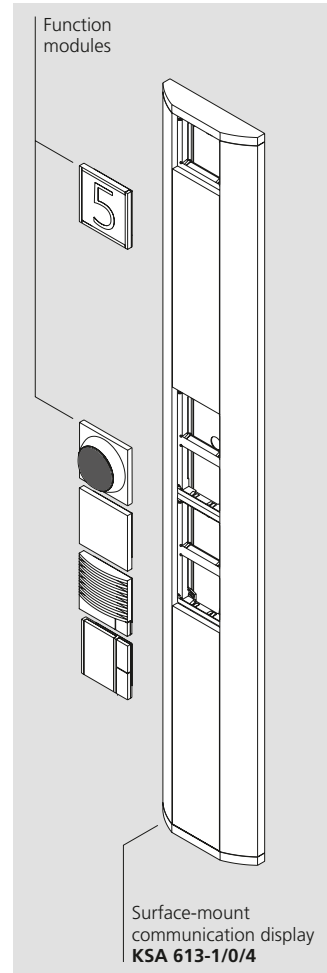
Whether letterboxes, info signs, lighting, a camera, movement sensor module or socket – communication displays provide a functional solution for organizing and integrating the whole range of functions required in the entryway area at the ergonomically correct height.

People and their sensory organs are the guiding focus in configuring the optimum modular structure and assembly of a Siedle communication display. A camera should be placed on eye level for visitors, the speech unit underneath it, while the call buttons and key-operated switches should be within comfortable reaching distance.

As a surface-mounted solution, the communication display can always be mounted at just the right height. The downward length is determined by design considerations, the required functional variety or special needs, for example where entrances are used by the disabled. By integrating space-keeping modules, the constellation offers scope for later upgrades.

The function modules of the communication display are located at the optimum operating or functional height if the display is aligned flush with the upper edge of an entryway or door with a height of around 2.00 m to 2.15 m.

## System structure



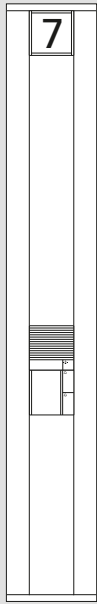
### Scope of supply

The KSA 61x-... is supplied with

- Wall fastening accessories
- Front panel(s)
- Corresponding number of module adapters
- Suitable no. of mounting frames



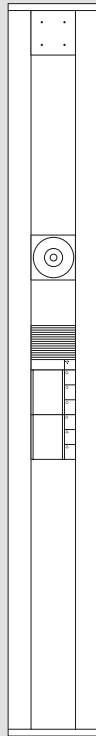
## Order examples

**In-Home bus**

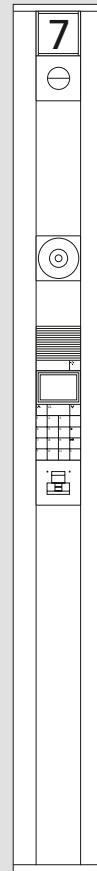
1 KSA 613-1/0/2-0  
1 IM 612-0  
1 BTLM 650-04  
1 BTM 650-02

**1+n technology**

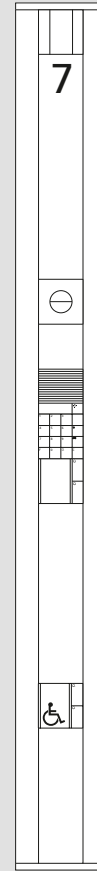
1 KSA 613-1/0/2-0  
1 IM 612-0  
1 TLM 612-02  
1 TM 612-2

**In-Home bus**

1 KSA 616-1/1/3-0  
1 LEDM 600-0  
1 BCMC 650-0  
1 BM 611-0  
1 BTLM 650-04  
2 BTM 650-03

**In-Home bus**

1 KSA 619-2/1/4-0  
1 IM 612-0  
1 BMM 611-0  
1 BCMC 650-0  
1 BM 611-0  
1 BTLM 650-04  
1 DRM 611-01  
1 COM 611-02  
1 FPM 611-02



**Please get in touch with us to discuss the many varied possibilities available.**

See page 368

**Specifications KSA 61x**

Designation	Dimensions (mm) W x H x D	Weight (kg)
KSA 613-1/0/2-0	200 x 1331 x 45.3	5.68
KSA 616-1/1/3-0	200 x 1631 x 45.3	6.60
KSA 619-2/1/4-0	200 x 1631 x 45.3	7.79

System components



**KSA 602-0**  
Surface-mount communication display for 2 function modules 611-... complete with mounting frame.  
Dimensions (mm) W x H x D:  
200 x 231 x 45.3



**KSA 603-0**  
Surface-mount communication display for 3 function modules 611-... complete with mounting frame.  
Dimensions (mm) W x H x D:  
200 x 331 x 45.3



**KSA 604-0**  
Surface-mount communication display for 4 function modules 611-... complete with mounting frame.  
Dimensions (mm) W x H x D:  
200 x 431 x 45.3



**KSA 605-0**  
Surface-mount communication display for 5 function modules 611-... complete with mounting frame.  
Dimensions (mm) W x H x D:  
200 x 531 x 45.3



**ZVM/KSA 611-0**  
The connecting sleeve accessory ZVM/ KSA 611-... is used as a transfer point in line with VDE regulations for the user's 230 V / 110 V mains to the BG/ SR 611-..., KSA 6... and RG/SR 611-... Mounting and accommodation in the cable channel of the standpipe or KSA. Screw union: for 5 x 2.5² according to VDE 0606  
Dimensions (mm) dia. x H: 30 x 85

Specifications KSA 60x		
Designation	Dimensions (mm) W x H x D	Weight (kg)
KSA 602-0	200 x 231 x 45.3	1.51
KSA 603-0	200 x 331 x 45.3	1.93
KSA 604-0	200 x 431 x 45.3	2.35
KSA 605-0	200 x 531 x 45.3	2.9

**Please note:**  
All Vario modules, frames and housings are available in the six standard colours and also in non-standard paintwork finishes, see page 32-33.







## Siedle Vario Flush-mounting

Product description	64
System structure	64
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Mounting solution for existing front panels/door side panels	67

## Product description



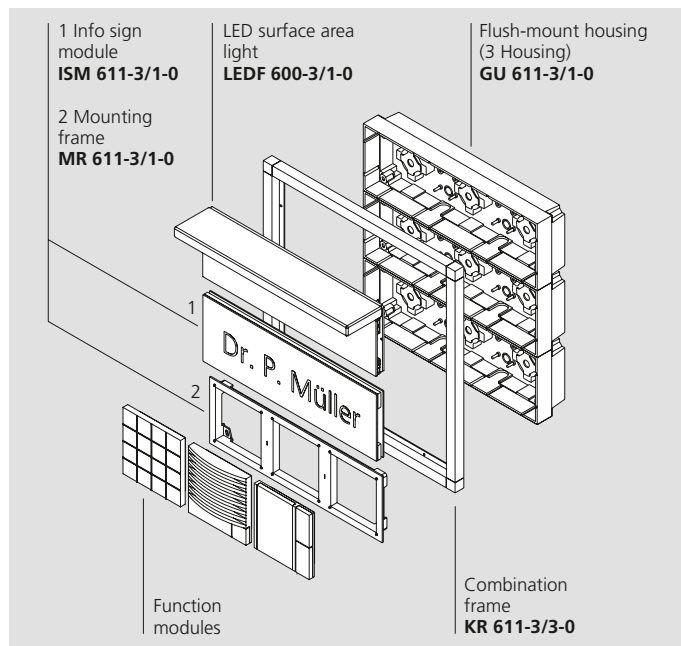
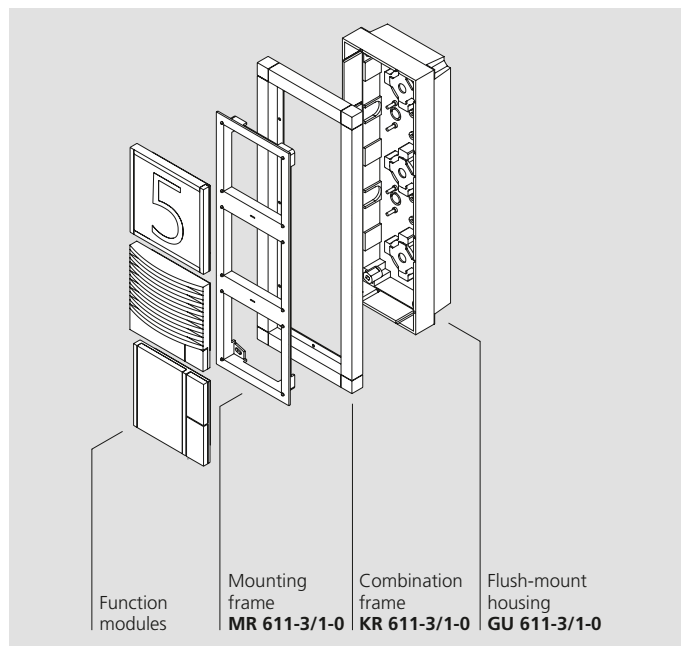
Where structural circumstances permit, flush-mount housing is unquestionably the most elegant solution for placing communication technology in the entrance area.

With a housing height of just 15 mm, Vario provides the ultimate low-profile solution. Projections occur only where required by the functional features, for example in the case of the camera module or LED spot / LED surface area light. The frame always finishes flush with the wall, leaving no gripping surface and so preventing theft and vandalism.

Thanks to the possibility of combining system modules, Siedle Vario can adjust to fit in with any structural specification. The modules can be arranged side by side or one above the other - the proportions are always ideally balanced.



## System structure



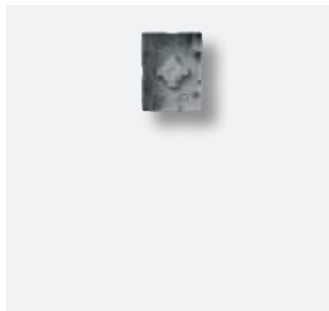
To permit flush-mounting of square function modules, not only a combination frame KR 611 but also a flush-mount housing GU 611-... and a corresponding mounting frame MR 611-... are always required. Flush-mount housings and mounting frames form a functional unit and must therefore always be the same size. All combination frames are suitable for vertical and horizontal mounting. Alongside the listed combination frame variants, almost any optional size is available on request. The available function and lighting modules are described in the section Vario System Components.

### Please note:

All combination frames KR 611-... with a depth of 38 mm must be inserted at a depth of appr. 25 mm into the wall. On request, these combination frames can be custom-produced in a depth of 15 mm.

## System components

### Flush-mounted housing



#### GU 611-1/1-0

Flush-mount housing in dimensionally stable plastic, for fixture of the mounting frame MR 611-1/1- ... using quick-release screw joints. With prepared cable inlets, cable clamps and quick-release fixtures for the combination terminals. Mounting possible with hollow wall mounting accessory ZHB 612-... Dimensions (mm) W x H x D: 100 x 130 x 50

#### Please note:

The flush-mount housing GU 611-1/1-... cannot be mounted in a row.



#### GU 611-2/1-0

Flush-mount housing in dimensionally stable plastic, for fixture of the mounting frame MR 611-2/1- ... using quick-release screw joints. With prepared cable inlets, cable clamps and quick-release fixtures for the combination terminals. Mounting possible with hollow wall mounting accessory ZHB 612-... . The housing units can be mounted one above the other and side by side using the provided accessories. Suitable for vertical or horizontal mounting.

Dimensions (mm) W x H x D: 100 x 200 x 50



#### GU 611-3/1-0

Flush-mount housing in dimensionally stable plastic, for fixture of the mounting frame MR 611-3/1- ... using quick-release screw joints. With prepared cable inlets, cable clamps and quick-release fixtures for the combination terminals. Mounting possible with hollow wall mounting accessory ZHB 612-... . The housing units can be mounted one above the other and side by side using the provided accessories. Suitable for vertical or horizontal mounting.

Dimensions (mm) W x H x D: 100 x 300 x 50



#### GU 611-4/1-0

Flush-mount housing in dimensionally stable plastic, for fixture of the mounting frame MR 611-4/1-... using quick-release screw joints. With prepared cable inlets, cable clamps and quick-release fixtures for the terminal blocks. Mounting possible with hollow wall mounting accessory ZHB 612-... . The housing units can be mounted one above the other and side by side using the provided accessories or are required for mounting square function modules in the BGA 611-..., BG/SR 611-... . For each GU 611-4/1-..., 1 MA/BG 611-... is required. Suitable for vertical or horizontal mounting.

Dimensions (mm) W x H x D: 100 x 400 x 50

## Mounting frame



#### MR 611-1/1-0

Mounting frame made of zinc die-cast, to hold one function module. Suitable for vertical or horizontal mounting. With quick-release screws for flush-mount housing and Siedle Vario key. Dimensions (mm) W x H x D: 99.5 x 131 x 27

#### Please note:

The mounting frame MR 611-1/1-... must be ordered to match the housing / frame colour.



#### MR 611-2/1-0

Mounting frame made of zinc die-cast, to accommodate 2 function modules. Suitable for vertical or horizontal mounting. With quick-release screws for flush-mount housing and Siedle Vario key.

Dimensions (mm) W x H x D: 99.5 x 199.5 x 17



#### MR 611-3/1-0

Mounting frame made of zinc die-cast, to accommodate 3 function modules. Suitable for vertical or horizontal mounting. With quick-release screws for flush-mount housing and Siedle Vario key.

Dimensions (mm) W x H x D: 99.5 x 299.5 x 17



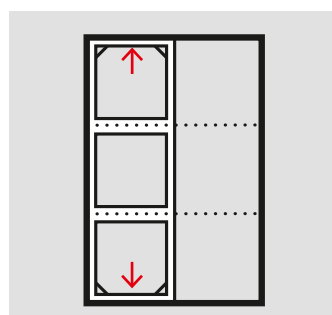
#### MR 611-4/1-0

Mounting frame made of zinc die-cast, to accommodate 4 function modules. Suitable for vertical or horizontal mounting. With quick-release screws for flush-mount housing and Siedle Vario key.

Dimensions (mm) W x H x D: 99.5 x 399.5 x 17

## Rule

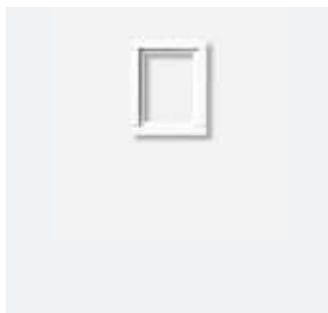
The mounting frame, info sign module and lights must always be fastened on two opposite sides of the combination frame.



## Specifications flush-mount housing

Designation	for mounting frame	Dimensions (mm) W x H x D	Weight (kg)
GU 611-1/1-0	MR 611-1/1-0	100 x 130 x 50	0.15
GU 611-2/1-0	MR 611-2/1-0	100 x 200 x 50	0.19
GU 611-3/1-0	MR 611-3/1-0	100 x 300 x 50	0.25
GU 611-4/1-0	MR 611-4/1-0	100 x 400 x 50	0.28

## System components Combination frame



### KR 611-1/1-0

Combination frames made of extruded aluminium sheath, powder-coated/painted, to surround the function modules and cover the plaster groove. A surrounding seal prevents the penetration of water.  
Dimensions (mm) W x H x D:  
131 x 163 x 15



### KR 611-2/1-0

Combination frame made of polycarbonate with a paintwork finish, to surround the function modules and cover the plaster groove. A surrounding seal prevents the penetration of water.  
Dimensions (mm) W x H x D:  
131 x 231 x 15



### KR 611-3/1-0

Combination frames made of extruded aluminium sheath, powder-coated/painted, to surround the function modules and cover the plaster groove. A surrounding seal prevents the penetration of water.  
Dimensions (mm) W x H x D:  
131 x 331 x 15



### KR 611-4/1-0

Combination frames made of extruded aluminium sheath, powder-coated/painted, to surround the function modules and cover the plaster groove. A surrounding seal prevents the penetration of water.  
Dimensions (mm) W x H x D:  
131 x 431 x 15



### KR 611-2/2-0

Combination frames made of extruded aluminium sheath, powder-coated/painted, to surround the function modules and cover the plaster groove. A surrounding seal prevents the penetration of water.  
Dimensions (mm) W x H x D:  
231 x 231 x 15



### KR 611-3/2-0

Combination frames made of extruded aluminium sheath, powder-coated/painted, to surround the function modules and cover the plaster groove. A surrounding seal prevents the penetration of water.  
Dimensions (mm) W x H x D:  
231 x 331 x 15



### KR 611-4/2-0

Combination frames made of extruded aluminium sheath, powder-coated/painted, to surround the function modules and cover the plaster groove. A surrounding seal prevents the penetration of water.  
Dimensions (mm) W x H x D:  
231 x 431 x 38



### KR 611-3/3-0

Combination frames made of extruded aluminium sheath, powder-coated/painted, to surround the function modules and cover the plaster groove. A surrounding seal prevents the penetration of water.  
Dimensions (mm) W x H x D:  
331 x 331 x 15



### KR 611-4/3-0

Combination frames made of extruded aluminium sheath, powder-coated/painted, to surround the function modules and cover the plaster groove. A surrounding seal prevents the penetration of water.  
Dimensions (mm) W x H x D:  
331 x 431 x 38

## Specifications combination frame

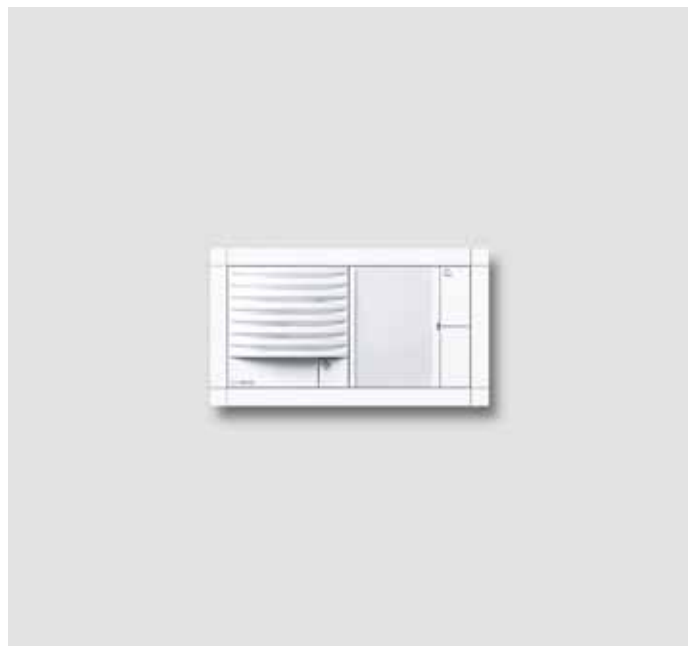
Designation	Dimensions (mm) W x H x D	Weight (kg)
KR 611-1/1-0	131 x 163 x 15	0.28
KR 611-2/1-0	131 x 231 x 15	0.16
KR 611-2/2-0	231 x 231 x 15	0.47
KR 611-3/1-0	131 x 331 x 15	0.44
KR 611-3/2-0	231 x 331 x 15	0.58
KR 611-3/3-0	331 x 331 x 15	0.63
KR 611-4/1-0	131 x 431 x 15	0.63
KR 611-4/2-0	231 x 431 x 38	0.76
KR 611-4/3-0	331 x 431 x 38	0.93



## Mounting solution for existing front panels/door side panels

### Fastening with installation space accessible from behind

#### Product description



Siedle Vario mounting accessories permit integration of Vario door stations as a complete solution including combination frame with a cohesive appearance. This eliminates the need for complex cutting out of individual modular slots, the use of individual modules and improvised background installations.

The mounting accessories also permit in a row mounting of several flush-mount housings, so permitting - with the exception of letterbox applications - the combination of all Vario modules including info sign modules and LED surface area lights.

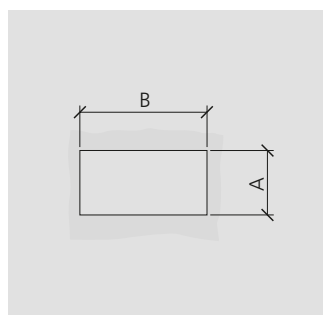
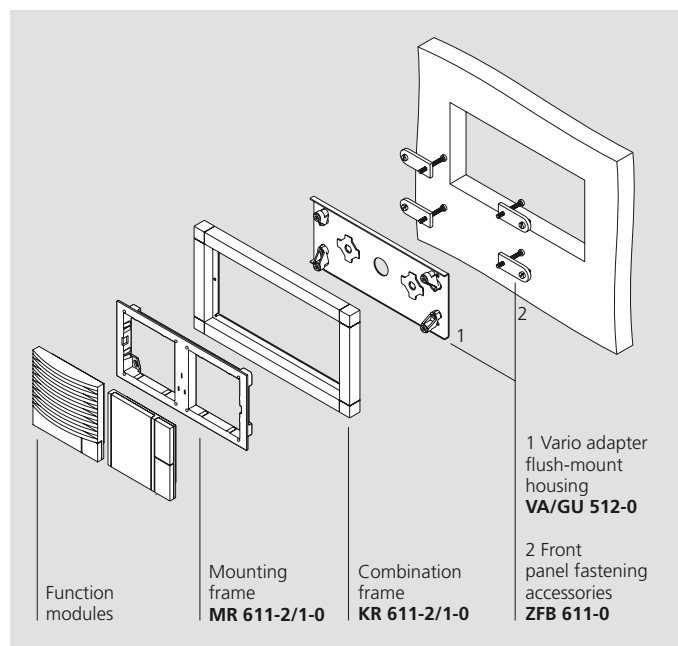
#### Application for example in

- Front panels made of steel, aluminium etc.
- Door side elements made of wood or metal
- Stainless steel or brass fronts etc.

#### Please note:

The relevant mounting frames, combination frames and flush-mount housings see page 65.

#### System structure



Cut-out dimension for	A	B
VA/GU 511-0	86	122
VA/GU 512-0	86	212
VA/GU 513-0	86	306
VA/GU 514-0	86	394
VA/GU 524-0	180	215
All dimensions in mm		

System components



**VA/GU 511-0**  
Vario adapter for flush-mount housing GU 511. Adapter plate to accommodate one mounting frame MR 611-1/1 and combination frame KR 611-1/1 on flush-mount housing GU 511. Hot-dip galvanized sheet steel with fastening elements for simple mounting.  
Dimensions (mm) W x H x D:  
84 x 120 x 30



**VA/GU 512-0**  
Vario adapter for flush-mount housing GU 512. Adapter plate to accommodate one mounting frame MR 611-2/1 and combination frame KR 611-2/1 on flush-mount housing GU 512. Hot-dip galvanized sheet steel with fastening elements for simple mounting.  
Dimensions (mm) W x H x D:  
84 x 210 x 30



**VA/GU 513-0**  
Vario adapter for flush-mount housing GU 513. Adapter plate to accommodate one mounting frame MR 611-3/1 and combination frame KR 611-3/1 on flush-mount housing GU 513. Hot-dip galvanized sheet steel with fastening elements for simple mounting.  
Dimensions (mm) W x H x D:  
84 x 304 x 30



**VA/GU 514-0**  
Vario adapter for flush-mount housing GU 514. Adapter plate to accommodate one mounting frame MR 611-4/1 and combination frame KR 611-4/1 on flush-mount housing GU 514. Hot-dip galvanized sheet steel with fastening elements for simple mounting.  
Dimensions (mm) W x H x D:  
84 x 392 x 30



**VA/GU 524-0**  
Vario adapter for flush-mount housing GU 524. Adapter plate to accommodate two mounting frames MR 611-2/1 and combination frames KR 611-2/2 on flush-mount housing GU 524. Hot-dip galvanized sheet steel with fastening elements for simple mounting.  
Dimensions (mm) W x H x D:  
178 x 213 x 30



**ZFB 611-0**  
Front panel fastening accessory for mounting a Vario DL solution in existing front panels, door side elements etc. Admissible wall thickness from 3 to 30 mm. Set contains: 4 metal brackets and 8 fastening screws for combination of VA/GU 5... in conjunction with mounting frame and relevant combination frame.

Specifications VA/GU		
Designation	Dimensions (mm) W x H x D	Weight (kg)
VA/GU 511-0	84 x 120 x 30	0.15
VA/GU 512-0	84 x 210 x 30	0.22
VA/GU 513-0	84 x 304 x 30	0.38
VA/GU 514-0	84 x 392 x 30	0.45
VA/GU 524-0	178 x 213 x 30	0.45

## Fixture with installation area closed from behind

### Product description



#### Please note:

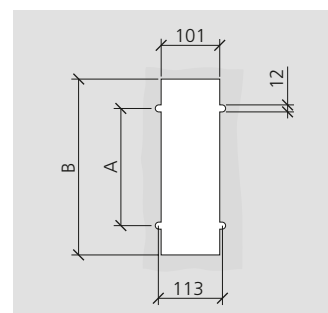
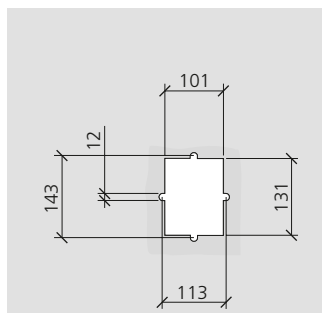
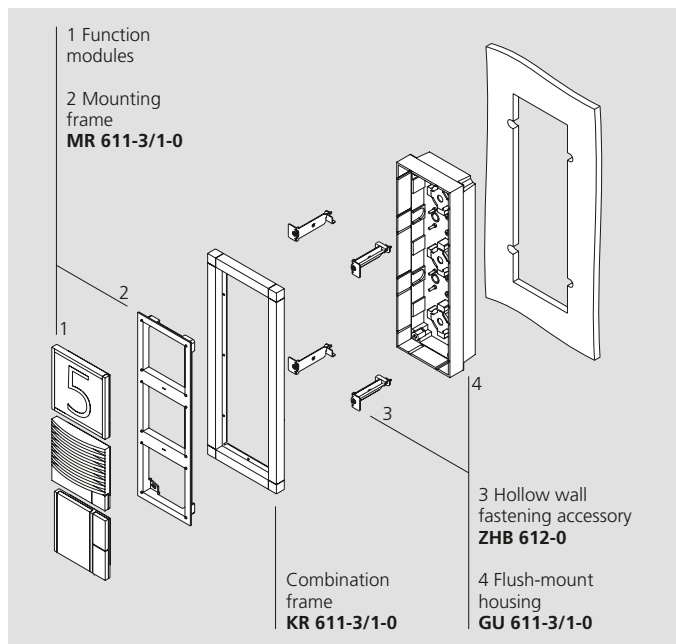
Siedle Vario mounting accessories permit integration of Vario door stations as a complete solution including combination frame with a cohesive appearance. This eliminates the need for complex cutting out of individual modular slots, the use of individual modules and improvised background installations.

The mounting accessories also permit in a row mounting of several flush-mount housings, so permitting - with the exception of letterbox applications - the combination of all Vario modules including info sign modules and LED surface area lights.

#### Application for example in

- Front panels made of steel, aluminium etc.
- Door side elements made of wood or metal
- Stainless steel or brass fronts etc.

### System structure



Cut-out dimension for	A	B
GU 611-2/1	100	201
GU 611-3/1	200	301
GU 611-4/1	300	401

All dimensions in mm

### System components



#### ZHB 612-0

Hollow wall mounting accessory for fastening the flush-mount housing in hollow walls. For 1 single flush-mount housing GU 611-..., 1 ZHB 612-... is required. For hollow wall fastening of several flush-mount housings mounted in a row in existing systems, additional ZHB 612-... units are required depending on circumstances on site and the type of in a row mounting required. Admissible wall thickness of the hollow wall 3 to 50 mm

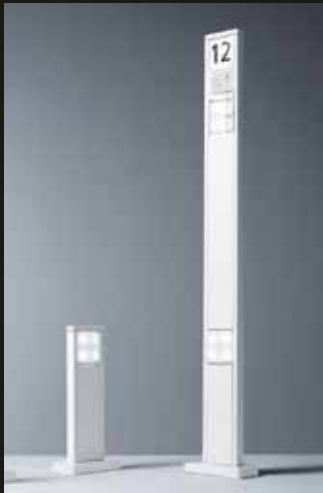
Scope of supply: 4 retaining brackets and 4 screws



#### ZSB 611-0

Formwork wall fastener accessory for mounting flush-mount housing GU 611-... in form work walls, made of styrofoam. The ZSB 611-... reinforces the GU 611-... during form work wall mounting and ensures that no deformation of the flush-mount housing takes place during compaction of the concrete.





## Siedle Vario Free-standing

### Communication pedestals (KS)

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System structure	72
Accessories	72
System components (height 1.3 m)	73
System components (height 1.6 m)	74

### Free-standing communication pedestals (KSF)

Product description	76
System structure	76
Accessories	76
System components	77

### Light pedestals (LS)

Product description	78
Accessories	78

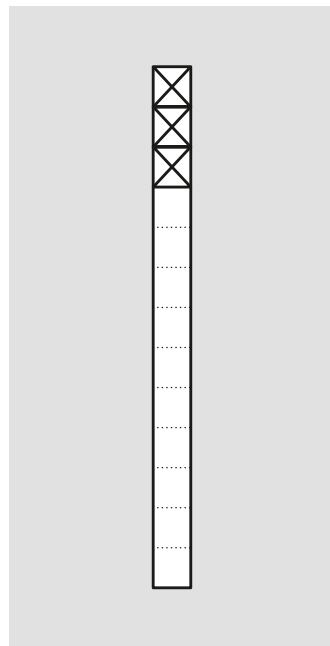
### Non-standard version (KSFB)

79
----

## Product description



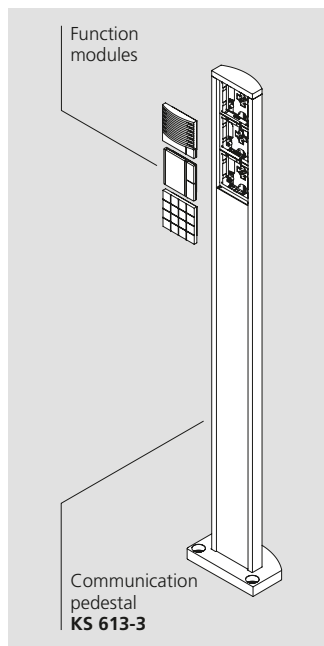
The free-standing communication pedestal places everything in just the right position. The new, low-profile design allows it to be even more flexibly positioned, also in front of walls or in corners. Within the pedestal, all the functions are positioned where they are at their most ergonomically effective: The video camera is on eye level, the intercom unit below it. The call buttons and fingerprint reader are ideally placed at hand height, and LED light modules located at the base of the pedestal throw light onto entrance paths and the surrounding area. The communication pedestals KS 61x are available up to a height of 1.6 metres. With their profile depth of only 5 centimetres and smooth back



wall, they create an attractive, slimline impression. If the communication pedestal is required to be higher or accommodate specific function modules, in particular letterboxes or info signs, then communication pedestals KSF 61x are used (see page 76). Communication pedestals KS 61x are always delivered completely with the following elements:

- Communication pedestal with base flange, inclusive of mounting hardware such as heavy-duty dowels and screws
- Matching panels
- Suitable no. of module adapters
- Suitable no. of mounting frames

## System structure



Standard variants of the KS 61x are depicted in the following. Communication pedestals for any optional module arrangements and in different heights are available on request.

### How to plan and order:

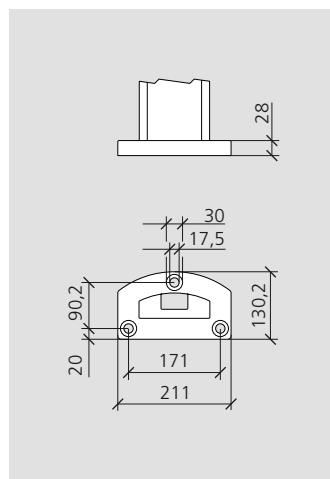
Select the most suitable KS 61x for your application from the overview. The crosses indicate the positions at which square function modules can be integrated. Select the required function modules, done!

### Please note:

We regret that return deliveries of custom-produced items and products of series KS 61x and KSF 61x cannot be accepted.



The communication pedestals KS 61x are fitted with a base flange for screw fastening.



Dimensional drawing/Dimensions in mm  
Cut-out for cable entry: 50 x 30 mm  
Profile KS 61x: 131 x 50 mm

## Accessories



### ZE/KS/KSF 611-0

Ground element accessory for concreting into the ground made of stable, hot-dip galvanized sectional steel, ground flange with M 10 thread for fixture of communication pedestals KSF 613/616-..., KS 613/616-... or LS 604/608-...

Depending on the type of pedestal, the ground element accessory can be turned by 180°.

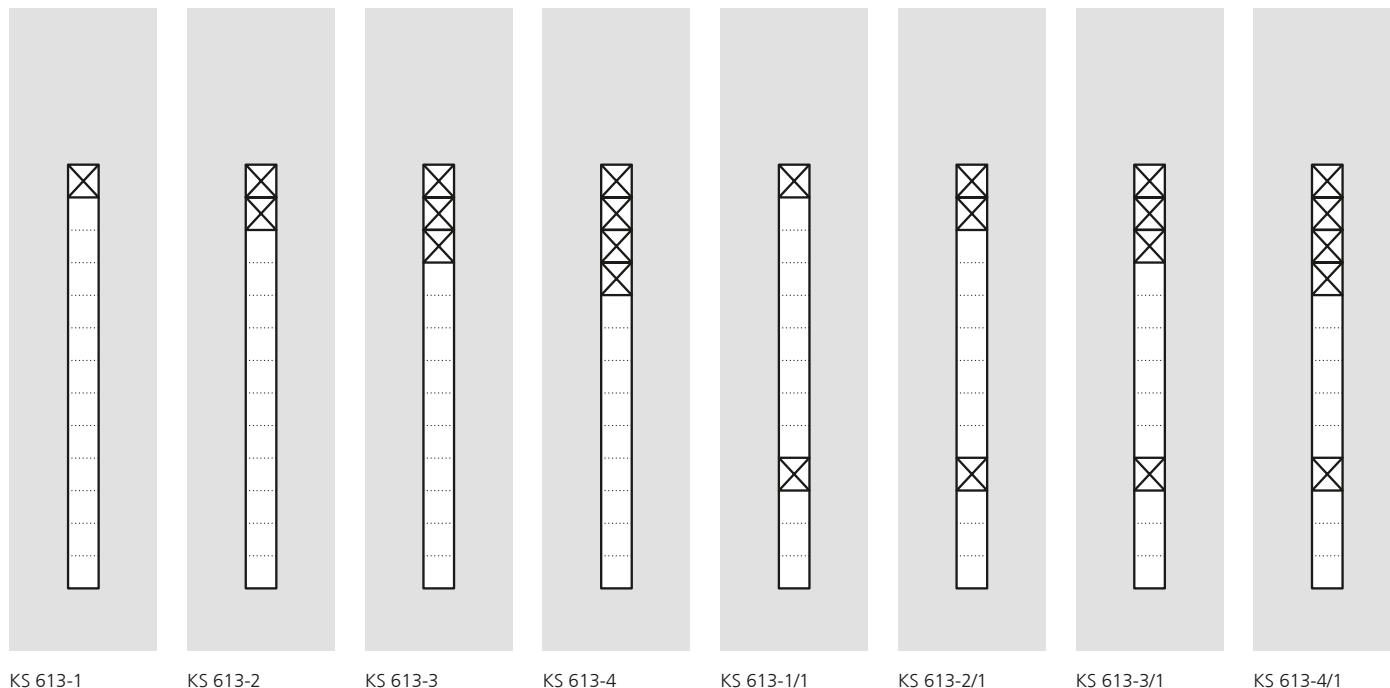
Dimensions (mm) W x H x D:  
191 x 505 x 210



### ZVD/KS 611-0

The accessory junction box ZVD/KS 611 is used as a transition point for on-site 230 V cables and complies with the necessary VDE regulations. Dimensions (mm) W x H x D:  
75 x 75 x 42

## System components (height 1.3 m)



## Specifications KS 613-x

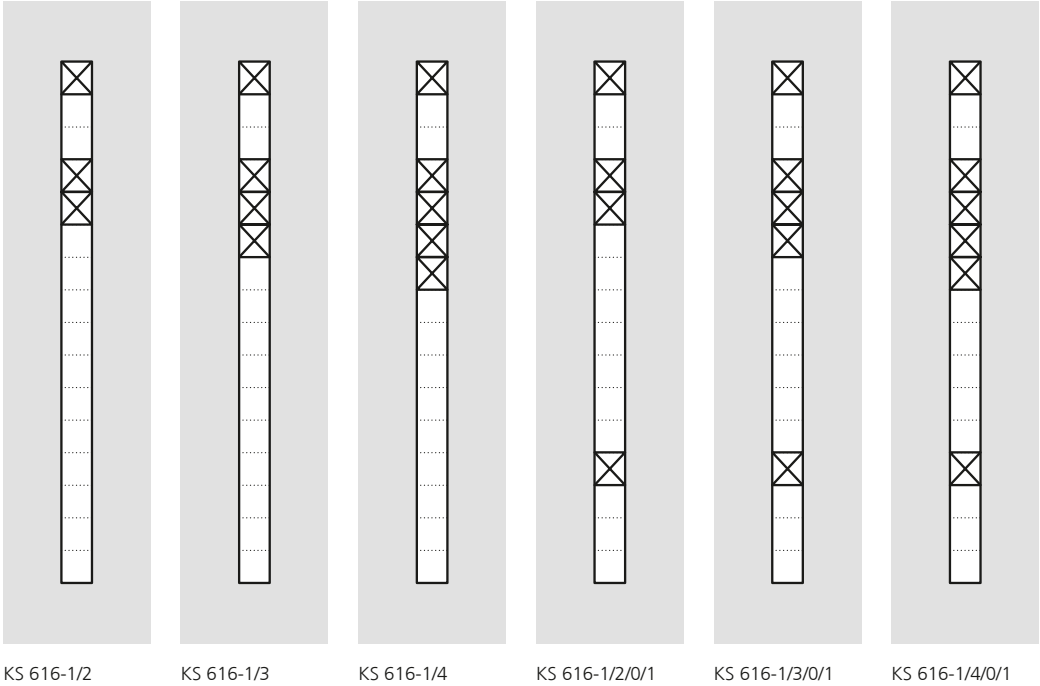
Designation	Dimensions (mm) W x H x D	Weight (kg)
KS 613-1	211 x 1344 x 130	7.24
KS 613-2	211 x 1344 x 130	7.22
KS 613-3	211 x 1344 x 130	7.28
KS 613-4	211 x 1344 x 130	7.36

## Specifications KS 613-x/1

Designation	Dimensions (mm) W x H x D	Weight (kg)
KS 613-1/1	211 x 1344 x 130	7.45
KS 613-2/1	211 x 1344 x 130	6.84
KS 613-3/1	211 x 1344 x 130	6.98
KS 613-4/1	211 x 1344 x 130	7.13

Communication pedestals with 1.3 m length made of extruded aluminium sheath, powder-coated / painted, with floor flange. Inclusive of mounting frame to accommodate one or more functional modules.  
The modular slot offset on a lower level in the communication pedestals KS 613-x/1 is intended for the installation of an LED light module LEDM 600-....

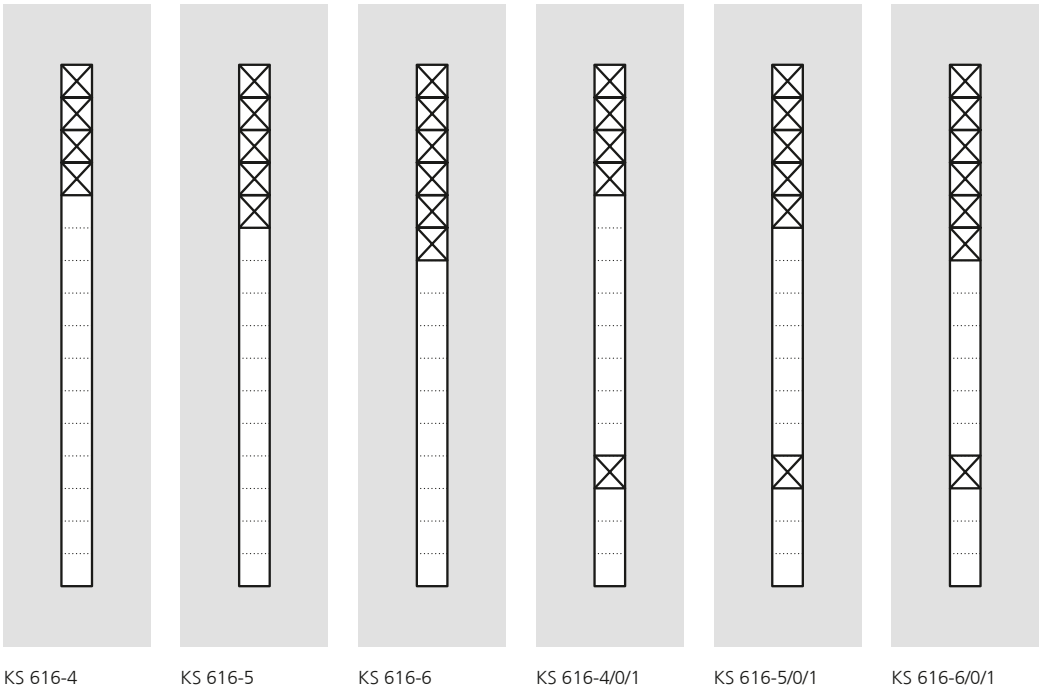
System components (height 1.6 m)



Communication pedestals with 1.6 m length made of extruded aluminium sheath, powder-coated / painted, with floor flange.  
Inclusive of mounting frame to accommodate functional modules.  
The modular slots offset on a lower level in the communication pedestals KS 616-1/x/x/x and KS 616-x/x/x are intended for the installation of LED modules LEDM 600-... .

Specifications KS 616-1/x		
Designation	Dimensions (mm) W x H x D	Weight (kg)
KS 616-1/2	211 x 1644 x 130	8.60
KS 616-1/3	211 x 1644 x 130	8.66
KS 616-1/4	211 x 1644 x 130	8.74

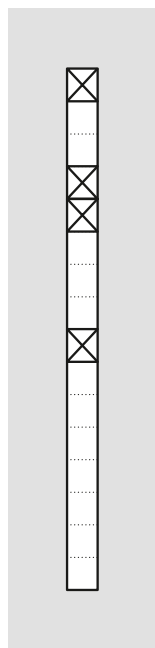
Specifications KS 616-1/x/0/1		
Designation	Dimensions (mm) W x H x D	Weight (kg)
KS 616-1/2/0/1	211 x 1644 x 130	8.22
KS 616-1/3/0/1	211 x 1644 x 130	8.36
KS 616-1/4/0/1	211 x 1644 x 130	8.51



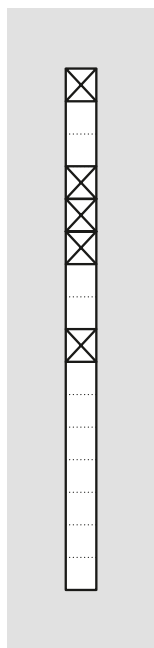
Specifications KS 616-x		
Designation	Dimensions (mm) W x H x D	Weight (kg)
KS 616-4	211 x 1644 x 130	8.53
KS 616-5	211 x 1644 x 130	8.61
KS 616-6	211 x 1644 x 130	8.67

Specifications KS 616-x/0/1		
Designation	Dimensions (mm) W x H x D	Weight (kg)
KS 616-4/0/1	211 x 1644 x 130	8.74
KS 616-5/0/1	211 x 1644 x 130	8.23
KS 616-6/0/1	211 x 1644 x 130	8.37

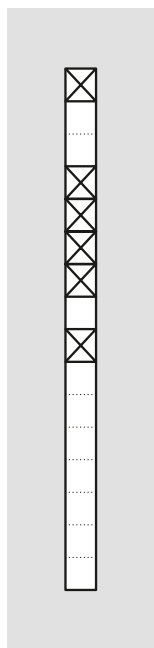




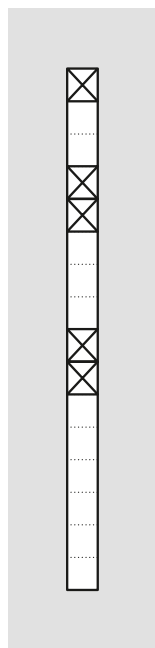
KS 616-1/2/1/0



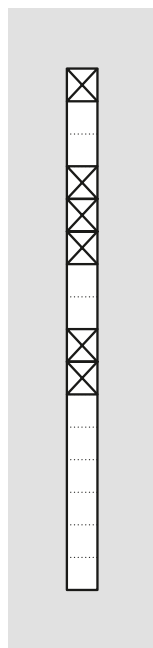
KS 616-1/3/1/0



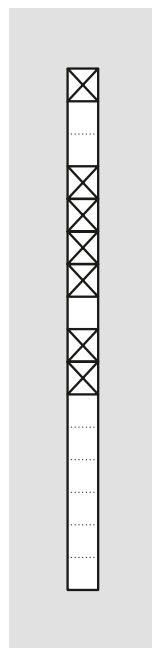
KS 616-1/4/1/0



KS 616-1/2/2/0



KS 616-1/3/2/0



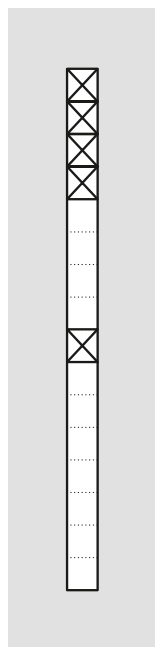
KS 616-1/4/2/0

**Specifications KS 616-1/x/1/0**

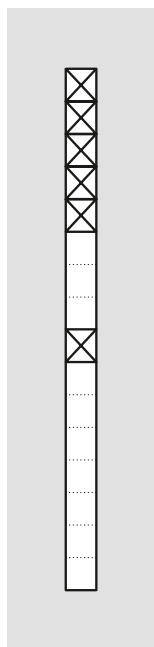
Designation	Dimensions (mm) W x H x D	Weight (kg)
KS 616-1/2/1/0	211 x 1644 x 130	8.22
KS 616-1/3/1/0	211 x 1644 x 130	8.34
KS 616-1/4/1/0	211 x 1644 x 130	8.39

**Specifications KS 616-1/x/2/0**

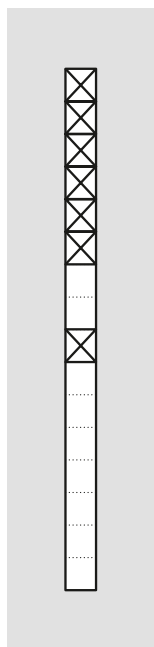
Designation	Dimensions (mm) W x H x D	Weight (kg)
KS 616-1/2/2/0	211 x 1644 x 130	8.21
KS 616-1/3/2/0	211 x 1644 x 130	8.33
KS 616-1/4/2/0	211 x 1644 x 130	8.48



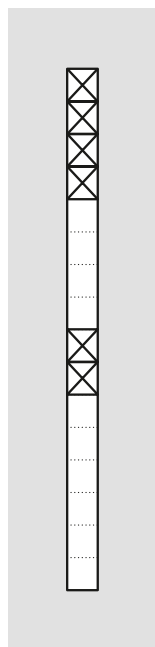
KS 616-4/1/0



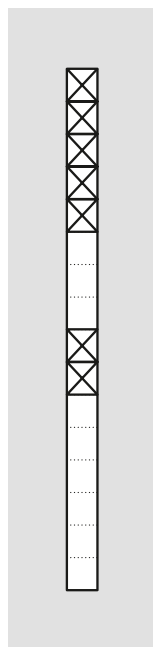
KS 616-5/1/0



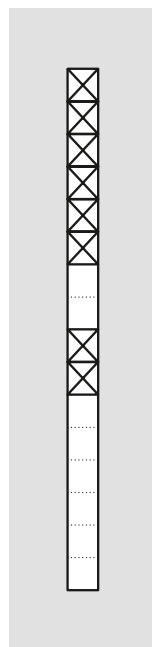
KS 616-6/1/0



KS 616-4/2/0



KS 616-5/2/0



KS 616-6/2/0

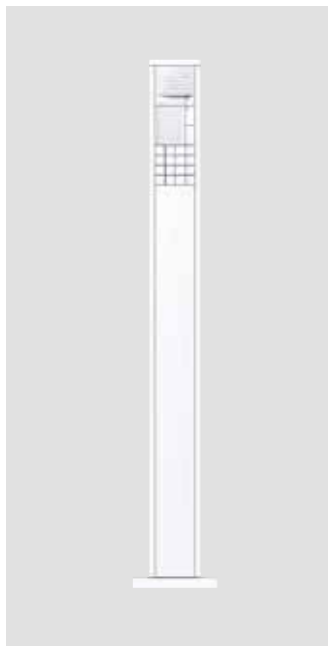
**Specifications KS 616-x1/0**

Designation	Dimensions (mm) W x H x D	Weight (kg)
KS 616-4/1/0	211 x 1644 x 130	8.22
KS 616-5/1/0	211 x 1644 x 130	8.23
KS 616-6/1/0	211 x 1644 x 130	8.35

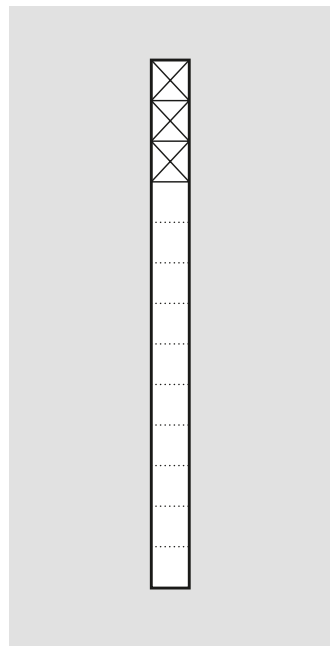
**Specifications KS 616-x2/0**

Designation	Dimensions (mm) W x H x D	Weight (kg)
KS 616-4/2/0	211 x 1644 x 130	8.26
KS 616-5/2/0	211 x 1644 x 130	8.27
KS 616-6/2/0	211 x 1644 x 130	8.39

## Product description



Their elegant styling makes the Vario pedestal a design feature. And as well as providing aesthetic appeal, the pedestal has a whole range of functional benefits to offer: It leaves the building facade and entryway area untouched and supplies all the necessary functions at just the right height. On request, this pedestal (KSF 61x) can also serve as a universal function carrier for LED surface area lights, info signs or letterboxes (see chapter Free-standing letterboxes).

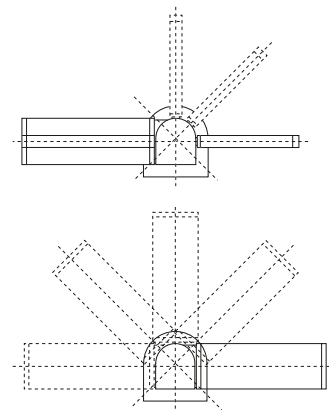
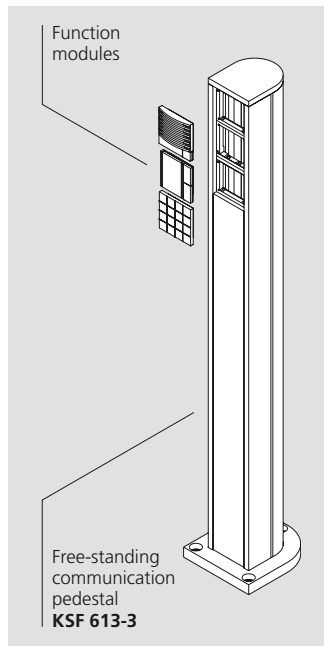


Free-standing communication pedestals KSF 61x are always delivered completely with the following elements:

- Communication pedestal with base flange, inclusive of mounting hardware such as heavy-duty dowels and screws
- Matching panels
- Suitable no. of module adapters
- Suitable no. of mounting frames

Standard variants of the KSF 61x are depicted in the following. Communication pedestals for any optional module arrangements and in different heights are available on request.

## System structure



### The various planning possibilities

Letterboxes or info signs are positioned at 5 angles spaced 45° apart at the right height on the free-standing KSF 61x pedestal. This possibility of creating three-dimensional configurations allows you to design your own orientation or signage system.

### Please note:

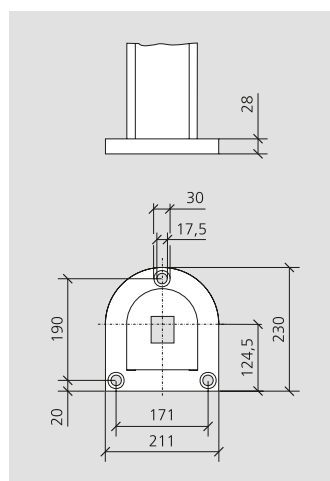
We regret that return deliveries of custom-produced items and products of series KS 61x and KSF 61x cannot be accepted.

## How to plan and order:

Select the most suitable KSF 61x for your application from the overview. The crosses indicate the positions at which square function modules can be integrated. Select the required function modules, done!



The communication pedestals KSF 61x are fitted with a base flange for screw fastening.



Dimensional drawing/Dimensions in mm  
Cut-out for cable entry: 50 x 60 mm  
Profile KSF 61x: 131 x 150 mm

## Accessories



### ZE/KS/KSF 611-0

Ground element accessory for concreting into the ground made of stable, hot-dip galvanized sectional steel, ground flange with M 10 thread for fixture of communication pedestals KSF 613/616-..., KS 613/616-... or LS 604/608-...

Depending on the type of pedestal, the ground element accessory can be turned by 180°.

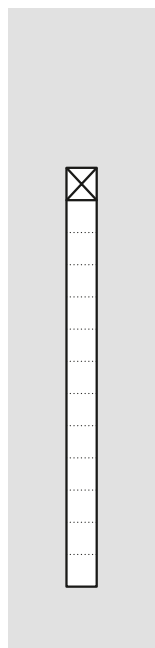
Dimensions (mm) W x H x D:  
191 x 505 x 210



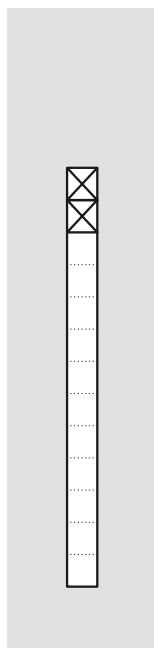
### ZVD/KSF 611-0

The accessory junction box ZVD/KSF 611 is used as a transition point for on-site 230 V cables and complies with the necessary VDE regulations. Dimensions (mm) W x H x D:  
75 x 75 x 42

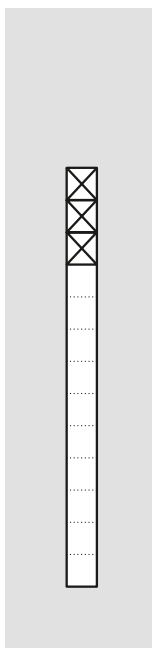
## System components



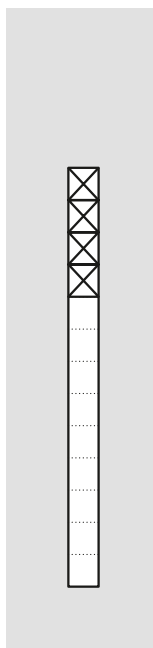
KSF 613-1



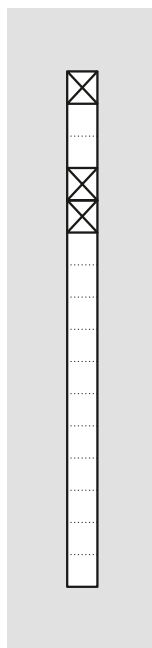
KSF 613-2



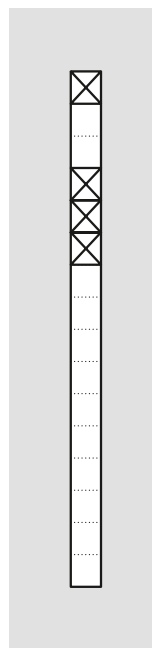
KSF 613-3



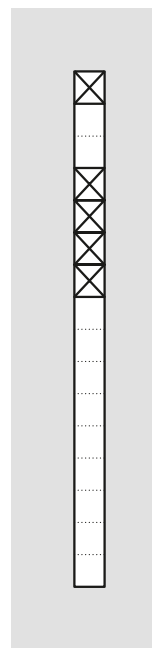
KSF 613-4



KSF 616-1/2



KSF 616-1/3



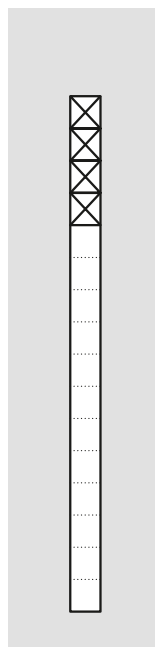
KSF 616-1/4

## Specifications KSF 613...

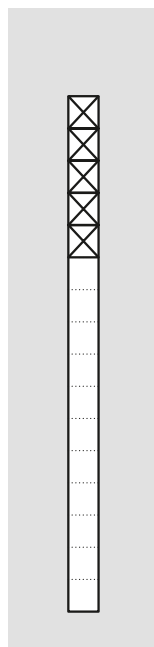
Designation	Dimensions (mm) W x H x D	Weight (kg)
KSF 613-1	211 x 1344 x 230	11.38
KSF 613-2	211 x 1344 x 230	11.30
KSF 613-3	211 x 1344 x 230	11.39
KSF 613-4	211 x 1344 x 230	11.54

## Specifications KSF 616-1/...

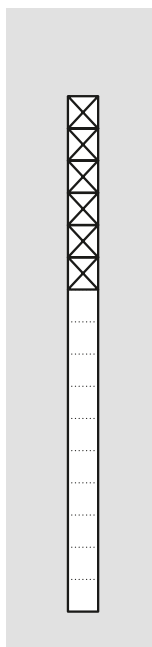
Designation	Dimensions (mm) W x H x D	Weight (kg)
KSF 616-1/2	211 x 1644 x 230	13.61
KSF 616-1/3	211 x 1644 x 230	13.74
KSF 616-1/4	211 x 1644 x 230	13.87



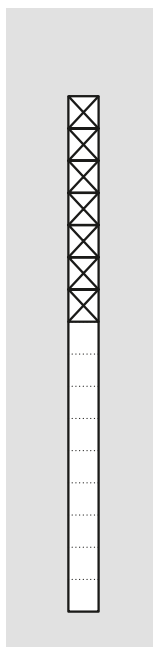
KSF 616-4



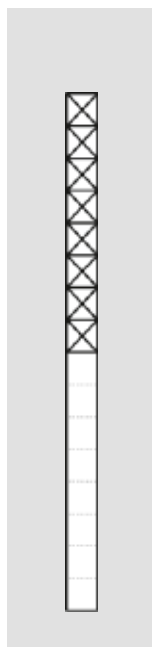
KSF 616-5



KSF 616-6



KSF 616-7



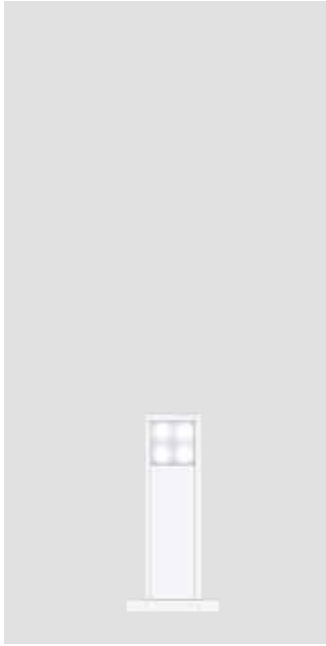
KSF 616-8

Free-standing communication pedestals made of extruded aluminium sheath, powder-coated / painted, with floor flange. Inclusive of mounting frame to accommodate up to eight functional modules.

## Specifications KSF 6...

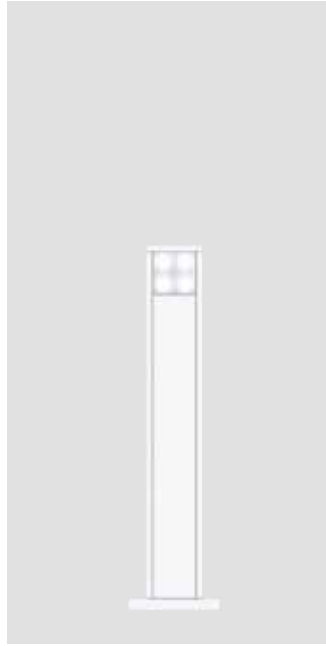
Designation	Dimensions (mm) W x H x D	Weight (kg)
KSF 616-4	211 x 1644 x 230	13.60
KSF 616-5	211 x 1644 x 230	13.64
KSF 616-6	211 x 1644 x 230	13.77
KSF 616-7	211 x 1644 x 230	13.90
KSF 616-8	211 x 1644 x 230	14.03

## Product description



### LS 604-1

Light pedestal in extruded aluminium sheath, powder-coated / paintwork finish with ground flange, including mounting frame and one enclosed LEDM 600-... unit.  
Operating current: max. 150 mA  
Operating voltage: 20–30 V DC  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Profile dimensions (mm) W x H: 131 x 50  
Dimensions (mm) W x H x D:  
211 x 444 x 130



### LS 608-1

Light pedestal in extruded aluminium sheath, powder-coated / paintwork finish with ground flange, including mounting frame and one enclosed LEDM 600-... unit.  
Operating current: max. 150 mA  
Operating voltage: 20–30 V DC  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Profile dimensions (mm) W x H: 131 x 50  
Dimensions (mm) W x H x D:  
211 x 844 x 130



### LS 608-2

Light pedestal in extruded aluminium sheath, powder-coated / paintwork finish with ground flange, including mounting frame and two enclosed LEDM 600-... units.  
Operating current: max. 300 mA  
Operating voltage: 20–30 V DC  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Profile dimensions (mm) W x H: 131 x 50  
Dimensions (mm) W x H x D:  
211 x 844 x 130

Fitted with LED light modules, the communication pedestal becomes a light pedestal to illuminate paths, driveways, entrances or terraces. Combined with a Vario communication system at the door, a harmonious overall installation is created throughout the whole of the entrance area.

## Accessories



### ZES/LS 611-0

Ground spike accessory made of 2 mm thick stainless steel V2A for light pedestal LS 604-1 for securing in the soil without a foundation. Including mounting plate and fastening material for fixture of the LS 604-1.  
Dimensions (mm) W x H x D:  
197 x 220 x 115



### ZE/KS/KSF 611-0

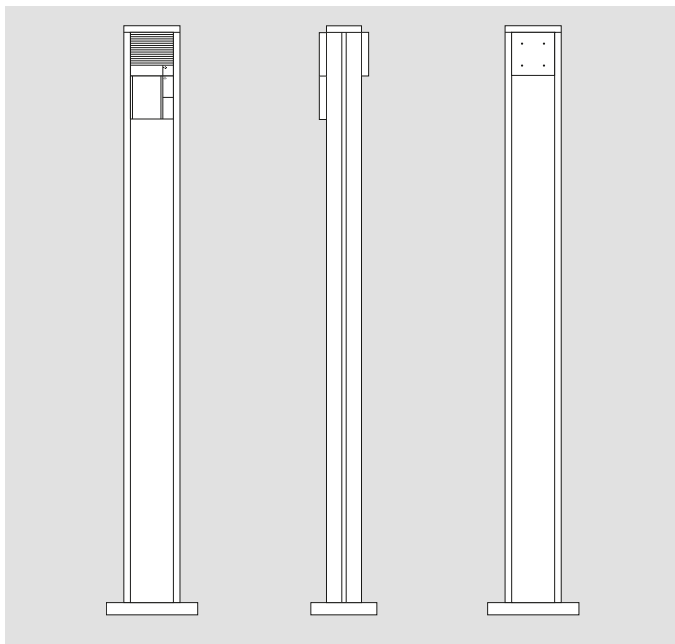
Ground element accessory for concreting into the ground made of stable, hot-dip galvanized sectional steel, ground flange with M 10 thread for fixture of communication pedestals KSF 613/616-..., KS 613/616-... or LS 604/608-...  
Depending on the type of pedestal, the ground element accessory can be turned by 180°.  
Dimensions (mm) W x H x D:  
191 x 505 x 210



### LNG/LS 600-0

Light line rectifier for mounting in light pedestals LS 6xx-... or communication pedestals KS 6xx-... to supply max. 2 LED light modules LEDM 600-... within an LS/KS 6xx-... via 230 V mains power. Delivery inclusive of mounting materials. A ZVD/KS 611-0 is required for connection in compliance with the standard.  
Operating voltage:  
230 V AC +/-10% 50/60 Hz  
Operating current: max. 180 mA  
Output voltage: 24 V DC  
Output current: max. 300 mA

Ambient temperature: -20°C to +55°C  
Dimensions (mm) dia. x H: 55 x 24

**Non-standard version (KSFB)**

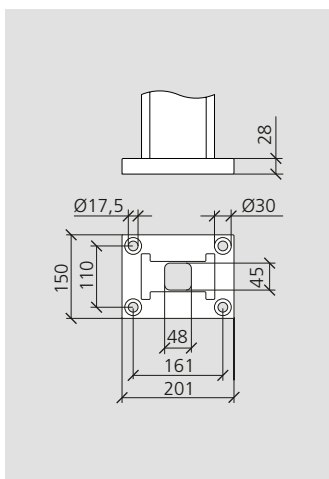
On request, the communication pedestal accommodate function modules on both sides and so open up further application scope. An example is provided in the pictures on the left. For more information, please contact your local representative.

See page 368

Application example for communication pedestals fitted with units on both sides: The front performs a communication function, in this case the intercom unit and call buttons. At the back, an LED module throws light onto the house wall, creating a pleasant indirect lighting effect in the entrance area.

**ZVD/KS 611-0**

The accessory junction box ZVD/KS 611 is used as a transition point for on-site 230 V cables and complies with the necessary VDE regulations. Dimensions (mm) W x H x D: 75 x 75 x 37



Dimensional drawing/Dimensions in mm  
Cut-out for cable entry: 45 x 48 mm  
Profile KSFB: 131 x 80 mm

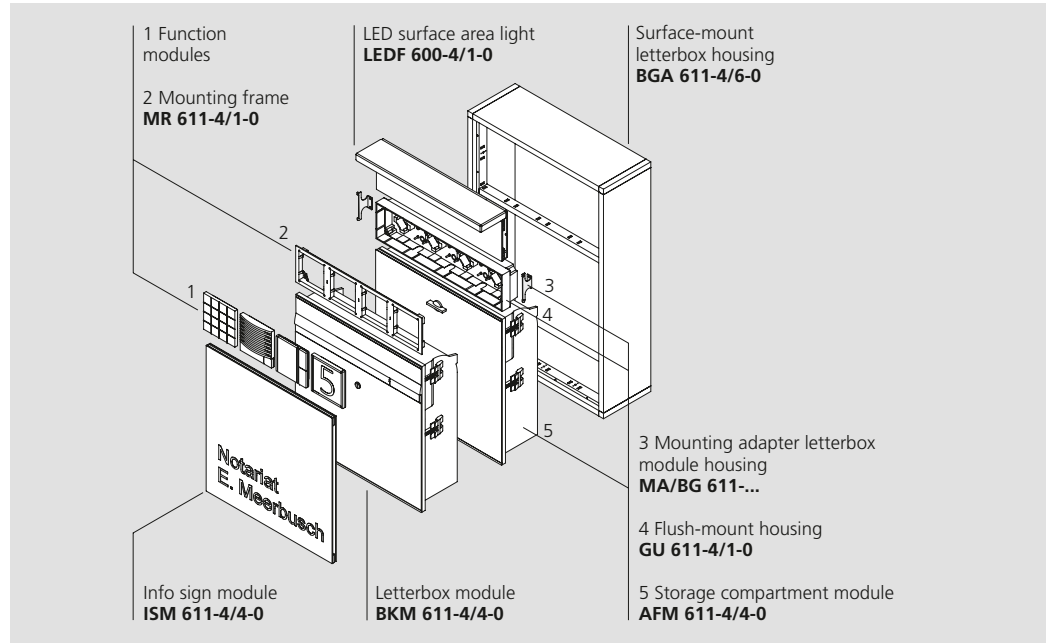




**Siedle Vario**  
**Surface-mounted letterboxes**

<b>Letterboxes, front removal</b>	
Product description	82
Order examples	83
System components	84
<b>Space-saving letterboxes for front removal</b>	
Product description	86
Order examples	87
System components	88

## Product description



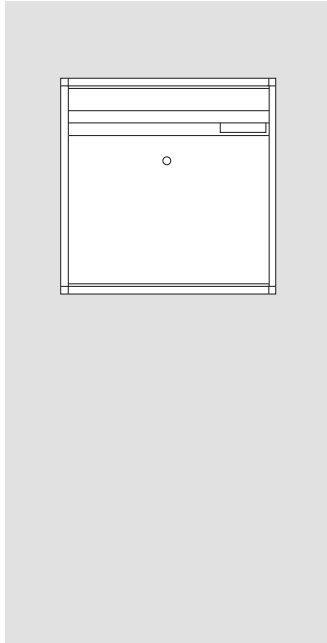
Surface-mounting is the preferred option where walls have to remain intact and a free-standing solution is not possible. In times of energy-efficient buildings, surface wall mounting is not only a practical option: It avoids the need to break into and compromise the efficiency of facade insulation, preventing thermal bridges. Housing units BGA 611-... are suitable for almost any optional combination of BKM 611-4/4-... and AFM 611-4/4 in conjunction with all other Siedle Vario function modules, info sign modules and LED lights.

### Scope of supply

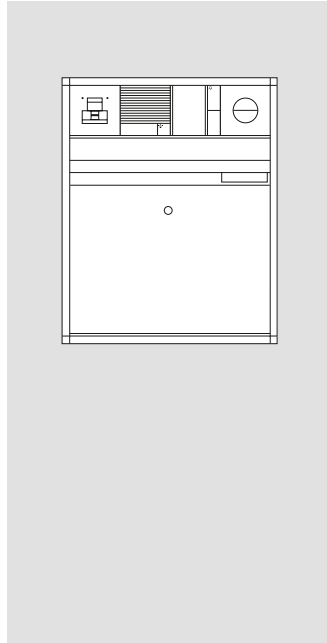
Wall surface-mount housing units BGA 611-... are fitted at the back with the necessary boreholes for wall suspension and alternative cable inlets. To protect unrequired cable inlet holes from the ingress of water, a corresponding number of seals is provided.



## Order examples

**System-independent**

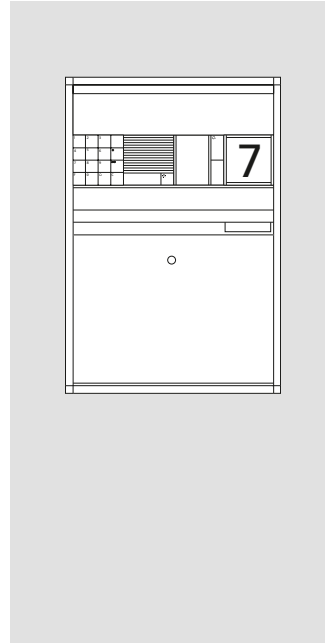
1 BGA 611-4/4-0  
1 BKM 611-4/4-0

**In-Home bus**

1 BGA 611-4/5-0  
1 BKM 611-4/4-0  
1 FPM 611-02  
1 BTLM 650-04  
1 BTM 650-01  
1 BMM 611-0  
1 GU 611-4/1-0  
1 MR 611-4/1-0  
1 MA/BG 611-0

**1+n technology**

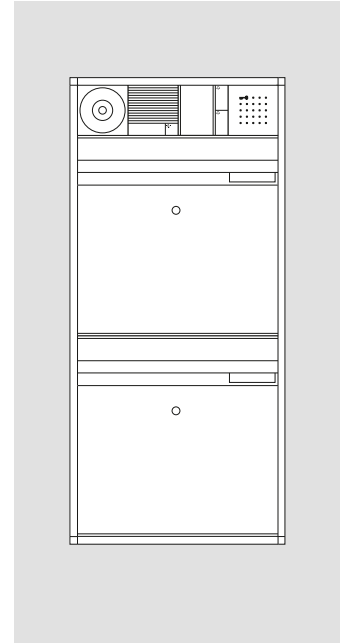
1 BGA 611-4/5-0  
1 BKM 611-4/4-0  
1 FPM 611-02  
1 TLM 612-02  
1 TM 612-1  
1 BMM 611-0  
1 GU 611-4/1-0  
1 MR 611-4/1-0  
1 MA/BG 611-0

**In-Home bus**

1 BGA 611-4/6-0  
1 BKM 611-4/4-0  
1 LEDF 600-4/1-0  
1 COM 611-02  
1 BTLM 650-04  
1 BTM 650-01  
1 IM 612-0  
1 GU 611-4/1-0  
1 MR 611-4/1-0  
1 MA/BG 611-0  
1 MA/LEDF 600-0

**1+n technology**

1 BGA 611-4/6-0  
1 BKM 611-4/4-0  
1 LEDF 600-4/1-0  
1 COM 611-02  
1 TLM 612-02  
1 TM 612-1  
1 IM 612-0  
1 GU 611-4/1-0  
1 MR 611-4/1-0  
1 MA/BG 611-0  
1 MA/LEDF 600-0

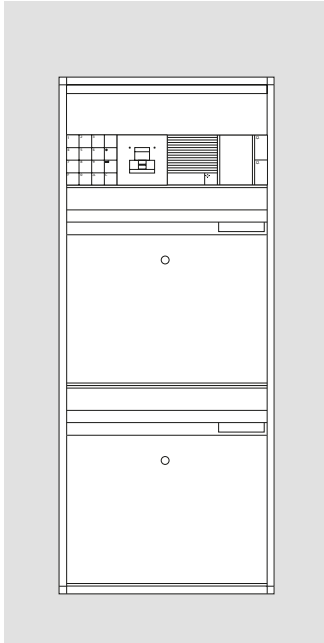
**In-Home bus**

1 BGA 611-4/9-0  
2 BKM 611-4/4-0  
1 BCMC 650-0  
1 BTLM 650-04  
1 BTM 650-02  
1 ELM 611-01  
2 EKC 601-0 (3 pcs.)  
1 GU 611-4/1-0  
1 MR 611-4/1-0  
1 MA/BG 611-0

**Specifications BGA 611-4/x and BGA 611-8/10**

Designation	Dimensions (mm) W x H x D	Weight (kg)
BGA 611-4/4-0	431 x 431 x 150	6.60
BGA 611-4/5-0	431 x 531 x 150	7.50
BGA 611-4/6-0	431 x 631 x 150	8.4
BGA 611-4/9-0	431 x 931 x 150	11.2
BGA 611-4/10-0	431 x 1031 x 150	12.1
BGA 611-8/10-0	831 x 1031 x 150	18

## Order examples

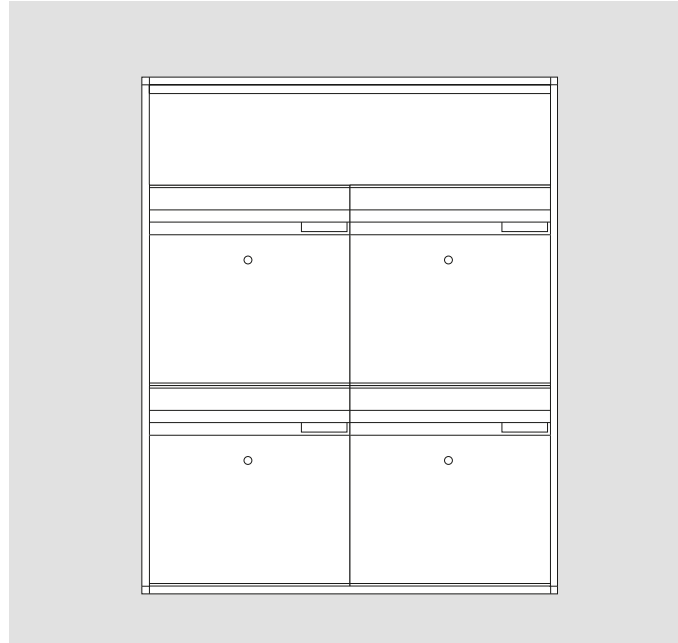


### In-Home bus

1 BGA 611-4/10-0  
2 BKM 611-4/4-0  
1 LEDF 600-4/1-0  
1 COM 611-02  
1 FPM 611-02  
1 BTLM 650-04  
1 BTM 650-02  
1 GU 611-4/1-0  
1 MR 611-4/1-0  
1 MA/BG 611-0  
1 MA/LEDF 600-0

### 1+n technology

1 BGA 611-4/10-0  
2 BKM 611-4/4-0  
1 LEDF 600-4/1-0  
1 COM 611-02  
1 FPM 611-02  
1 TLM 612-02  
1 TM 612-2  
1 GU 611-4/1-0  
1 MR 611-4/1-0  
1 MA/BG 611-0  
1 MA/LEDF 600-0



### System-independent

1 BGA 611-8/10-0  
4 BKM 611-4/4-0  
1 LEDF 600-8/2-0  
1 MA/LEDF 600-0

## System components



### BKM 611-4/4-0

Letterbox module with pass-through flap, front removal door and letterbox. Pass-through and anti-pilfer device to DIN EN 13724.

Pass-through flap and removal door in plastic-coated or painted aluminium, torsion-resistant, hard-wearing, concealed plastic hinges. The nameplate is located under the letterbox flap. Convenient post removal door which brakes automatically at a pre-determined angle, safety lock with 2 keys.

Permanently integrated in the module is a large-format letterbox made of plastic, bottom-shaped as post support rack. The square design permits installation of letterbox module housings BGU/BGA 611-... . Fitted for attachment to combination frame.

Pass-through size (mm) W x H:  
355 x 32.5

Nameplate size (mm) W x H: 85 x 16

Mounting depth (mm): 117

Height of structure (mm): 6

Dimensions (mm) W x H x D:

399 x 399 x 123



### AFM 611-4/4-0

Delivery compartment module with removal door at the front to be used for purposes such as a compartment for deliveries by baker, milkman etc. Removal door made of plastic-coated or painted aluminium, torsion-resistant, hard-wearing, concealed hinges made of plastic.

With top sealing lip and convenient turn-lock fastener. The opening door is automatically stopped at a pre-determined angle. Module made of foam plastic, with rack. The square shape permits mounting in letterbox housings BGU/BGA 611-... with fastening facility at the combination frame.

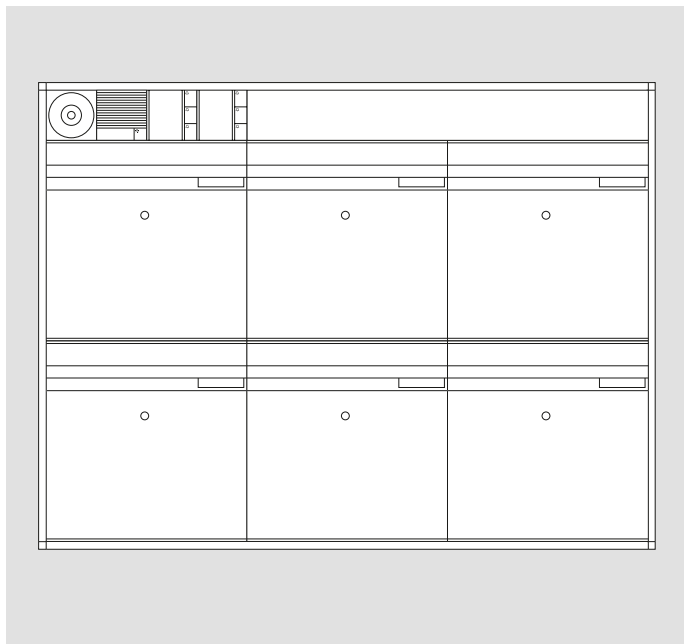
Suitable for external installation.

Mounting depth (mm): 117

Height of structure (mm): 18

Dimensions (mm) W x H x D:

399 x 399 x 135



**Please get in touch with us to discuss the many varied possibilities available.**

See page 368



#### **GU 611-4/1-0**

Flush-mount housing in dimensionally stable plastic, for fixture of the mounting frame MR 611-4/1-... using quick-release screw joints. With prepared cable inlets, cable clamps and quick-release fixtures for the terminal blocks. Mounting possible with hollow wall mounting accessory ZHB 612-... . The housing units can be mounted one above the other and side by side using the provided accessories or are required for mounting square function modules in the BGA 611-..., BG/SR 611-... . For each GU 611-4/1-..., 1 MA/BG 611-... is required. Dimensions (mm) W x H x D: 100 x 400 x 50



#### **MR 611-4/1-0**

Mounting frame made of zinc die-cast, to accommodate 4 function modules. Suitable for vertical or horizontal mounting. With quick-release screws for flush-mount housing and Siedle Vario key. Dimensions (mm) W x H x D: 99.5 x 399.5 x 17



#### **MA/BG 611-0**

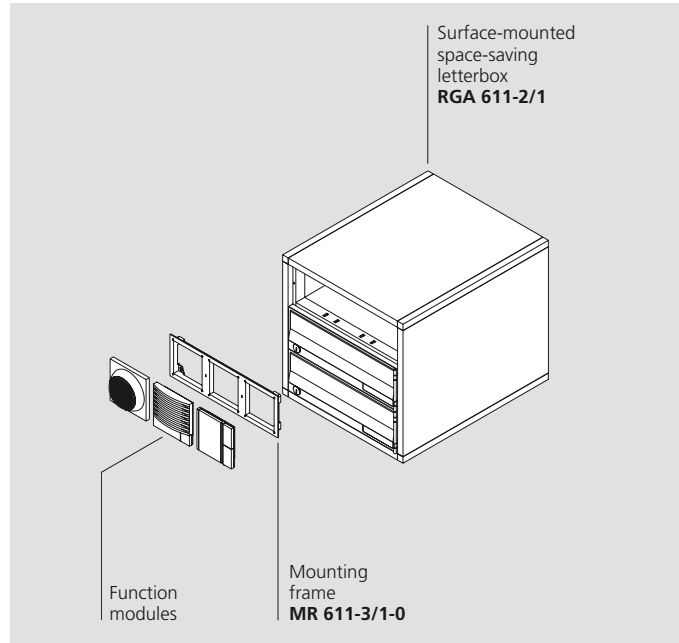
A mounting adapter/letterbox module housing for horizontal and vertical fixture of flush-mount housing GU 611-4/1-... in housing BGA 611-.../BG/SR 611-... is required for each GU 611-4/1-... . Comprising 1 pair of mounting brackets and screws.



#### **MA/LEDF 600-0**

Mounting adapter LED surface area light to hold terminal blocks when an LEDF 600-... is mounted in housing BGA 611-..., BG/KSF 611-..., BG/SR 611-... or in the info sign housing of a KSF 61x. Fixture using the supplied adhesive tape. Dimensions (mm) W x H x D: 56 x 56 x 5.5

## Product description



RGA 611-... housings are ideally suited to accommodate spacious, convenient letterboxes in a minimum of space. Despite their compact design, the letterboxes are in compliance with postal standard DIN EN 13724 and offer sufficient space for large DIN B4 envelopes, newspapers, catalogues and other bulky post items. Depending on requirements, combination is possible with wide-ranging different info sign modules ISM, LED surface area lights LEDF and square Vario function modules. The letterboxes are supplied as standard completely with letterflap, anti-pilfer device, nameplate 16 x 78 mm, protection of stored mail against the ingress of moisture, are right-hanging and with a lock permanently mounted in the housing.

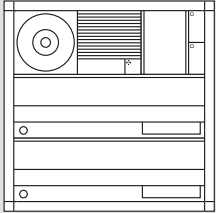
### Scope of supply

Wall surface-mount housing units RGA 611-... are prepared at the back for wall mounting and also with alternative cable inlets. To protect unrequired cable inlet holes from the ingress of water, a corresponding number of seals are provided.

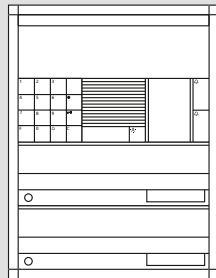
### Please note:

Alongside the standard height of 100 mm, space-saving letterboxes are also available if required in the heights 200 and 300 mm. Delivery period on request

## Order examples

**In-Home bus**

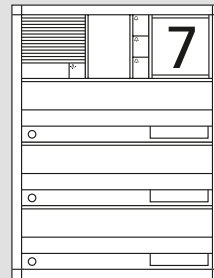
1 RGA 611-2/1  
1 BCMC 650-0  
1 BTLM 650-04  
1 BTM 650-02  
1 MR 611-3/1-0  
1 MA/RG 611-0

**In-Home bus**

1 RGA 611-2/2  
1 LEDF 600-3/1-0  
1 COM 611-02  
1 BTLM 650-04  
1 BTM 650-02  
1 MR 611-3/1-0  
2 MA/RG 611-0

**1+n technology**

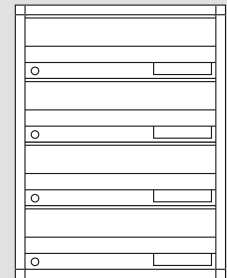
1 RGA 611-2/2  
1 LEDF 600-3/1-0  
1 COM 611-02  
1 TLM 612-02  
1 TM 612-2  
1 MR 611-3/1-0  
2 MA/RG 611-0

**In-Home bus**

1 RGA 611-3/1  
1 BTLM 650-04  
1 BTM 650-03  
1 IM 612-0  
1 MR 611-3/1-0  
1 MA/RG 611-0

**1+n technology**

1 RGA 611-3/1  
1 TLM 612-02  
1 TM 612-3  
1 IM 612-0  
1 MR 611-3/1-0  
1 MA/RG 611-0

**System-independent**

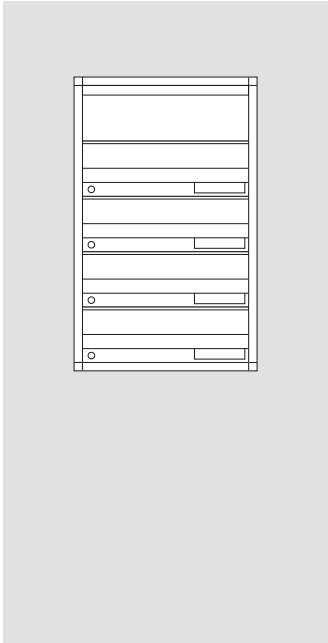
1 RGA 611-4/0

**Specifications:**

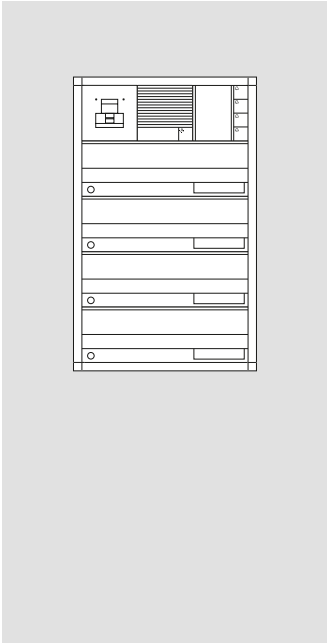
Designation	Dimensions (mm) W x H x D	Weight (kg)
RGA 611-2/1	331 x 331 x 400	15.07
RGA 611-2/2	331 x 431 x 400	17.73
RGA 611-3/1	331 x 431 x 400	18.27
RGA 611-4/0	331 x 431 x 400	18.8

Siedle Vario  
Surface-mounted letterboxes  
Space-saving letterboxes for front removal

Order examples

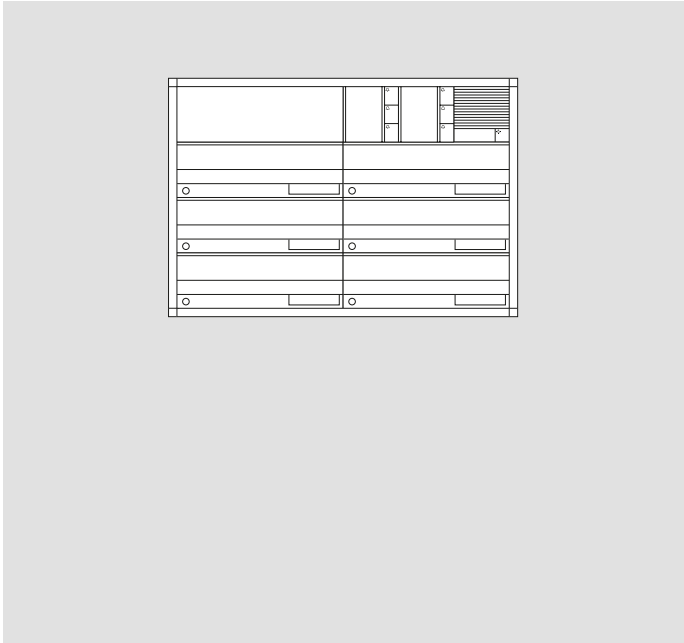


**System-independent**  
1 RGA 611-4/1  
1 LEDF 600-3/1-0  
1 MA/RG 611-0



**In-Home bus**  
1 RGA 611-4/1  
1 FPM 611-02  
1 BTLM 650-04  
1 BTM 650-04  
1 MR 611-3/1-0  
1 MA/RG 611-0

**1+n technology**  
1 RGA 611-4/1  
1 FPM 611-02  
1 TLM 612-02  
1 TM 612-4  
1 MR 611-3/1-0  
1 MA/RG 611-0



**In-Home bus**  
1 RGA 611-6/2  
1 ISM 611-3/1-0  
2 BTM 650-03  
1 BTLM 650-04  
1 MR 611-3/1-0  
1 MA/RG 611-0

**1+n technology**  
1 RGA 611-6/2  
1 ISM 611-3/1-0  
2 TM 612-3  
1 TLM 612-02  
1 MR 611-3/1-0  
1 MA/RG 611-0

System components

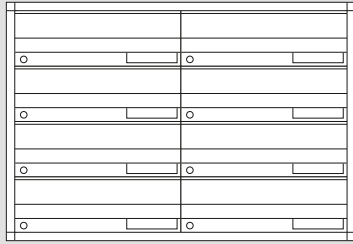


**MR 611-3/1-0**  
Mounting frame made of zinc die-cast, to accommodate 3 function modules. Suitable for vertical or horizontal mounting. With quick-release screws for flush-mount housing and Siedle Vario key.  
Dimensions (mm) W x H x D:  
99.5 x 299.5 x 17

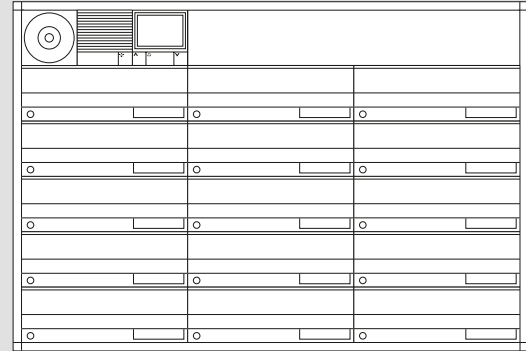


**MA/RG 611-0**  
A mounting adapter/space-saving housing for fixture of module terminal blocks and mounting frame  
MR 611-3/1-... in housing RGA 611-..., RG/SR 611-... and RG/KSF 611-... is required for each line of modules. Composed of 1 pair of mounting brackets, screws and fixing plate.

Specifications:		
Designation	Dimensions (mm) W x H x D	Weight (kg)
RGA 611-4/1	331 x 531 x 400	21.37
RGA 611-6/2	631 x 431 x 400	29.93
RGA 611-8/0	631 x 431 x 400	31



**System-independent**  
1 RGA 611-8/0



**Please get in touch with us to  
discuss the many varied possibilities  
available.**  
See page 368



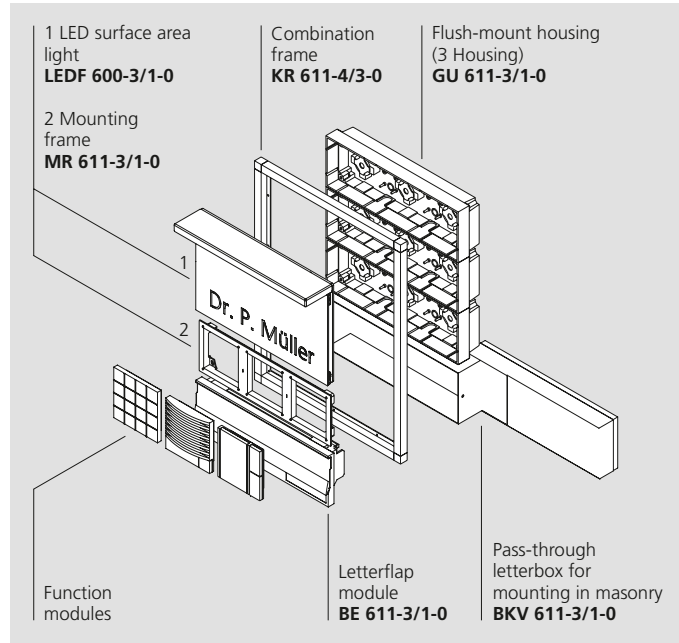
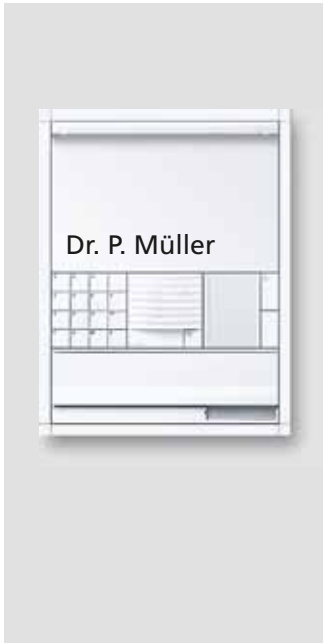




**Siedle Vario**  
**Flush-mounted letterboxes**

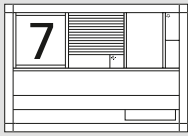
<b>Pass-through letterboxes</b>	
Product description	92
Order examples	93
System components - Pass-through letterboxes 300 mm wide	96
System components - Pass-through letterboxes 400 mm wide	98
<b>Letterboxes, front removal</b>	
Product description	100
Order examples	100
System components	103

## Product description



A letterbox requires a certain volume but should not dominate the entrance area. Ideally, these requirements can both be met by a letterbox with a low-profile flush-mount housing. The most compact solution is the pass-through letterbox. Here, the mail drops into a shaft and is removed from inside the building. If there are no plans to break through the wall, a letterbox for front removal provides an alternative. See page 100

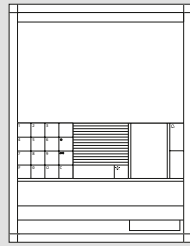
## Order examples

**In-Home bus**

1 IM 612-0  
 1 BTLM 650-04  
 1 BTM 650-01  
 1 BE 611-3/1-0  
 1 BKV 611-3/1-0  
 1 KR 611-3/2-0  
 1 GU 611-3/1-0  
 1 MR 611-3/1-0

**1+n technology**

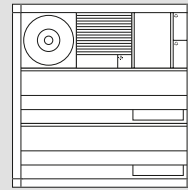
1 IM 612-0  
 1 TLM 612-02  
 1 TM 612-1  
 1 BE 611-3/1-0  
 1 BKV 611-3/1-0  
 1 KR 611-3/2-0  
 1 GU 611-3/1-0  
 1 MR 611-3/1-0

**In-Home bus**

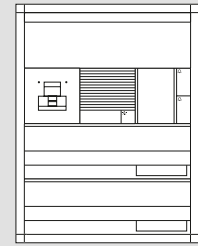
1 LEDF 600-3/2-0  
 1 COM 611-02  
 1 BTLM 650-04  
 1 BTM 650-01  
 1 BE 611-3/1-0  
 1 BKV 611-3/1-0  
 1 KR 611-4/3-0  
 3 GU 611-3/1-0  
 1 MR 611-3/1-0

**1+n technology**

1 LEDF 600-3/2-0  
 1 COM 611-02  
 1 TLM 612-02  
 1 TM 612-1  
 1 BE 611-3/1-0  
 1 BKV 611-3/1-0  
 1 KR 611-4/3-0  
 3 GU 611-3/1-0  
 1 MR 611-3/1-0

**In-Home bus**

1 BCMC 650-0  
 1 BTLM 650-04  
 1 BTM 650-02  
 2 BE 611-3/1-0  
 2 BKV 611-3/1-0  
 1 KR 611-3/3-0  
 1 GU 611-3/1-0  
 1 MR 611-3/1-0

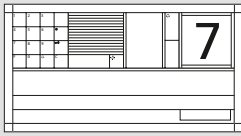
**In-Home bus**

1 LEDF 600-3/1-0  
 1 FPM 611-02  
 1 BTLM 650-04  
 1 BTM 650-02  
 2 BE 611-3/1-0  
 2 BKV 611-3/1-0  
 1 KR 611-4/3-0  
 2 GU 611-3/1-0  
 1 MR 611-3/1-0

**1+n technology**

1 LEDF 600-3/1-0  
 1 FPM 611-02  
 1 TLM 612-02  
 1 TM 612-2  
 2 BE 611-3/1-0  
 2 BKV 611-3/1-0  
 1 KR 611-4/3-0  
 2 GU 611-3/1-0  
 1 MR 611-3/1-0

## Order examples



### In-Home bus

1 COM 611-02  
1 BTLM 650-04  
1 BTM 650-01  
1 IM 612-0  
1 BE 611-4/1-0  
1 BKV 611-4/1-0  
1 KR 611-4/2-0  
1 GU 611-4/1-0  
1 MR 611-4/1-0

### 1+n technology

1 COM 611-02  
1 TLM 612-02  
1 TM 612-1  
1 IM 612-0  
1 BE 611-4/1-0  
1 BKV 611-4/1-0  
1 KR 611-4/2-0  
1 GU 611-4/1-0  
1 MR 611-4/1-0

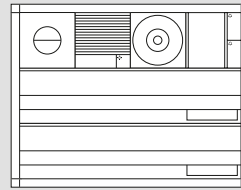


### In-Home bus

1 LEDF 600-4/1-0  
1 BTLM 650-04  
1 FPM 611-02  
1 BTM 650-01  
1 IM 612-0  
1 BE 611-4/1-0  
1 BKV 611-4/1-0  
1 KR 611-4/3-0  
2 GU 611-4/1-0  
1 MR 611-4/1-0

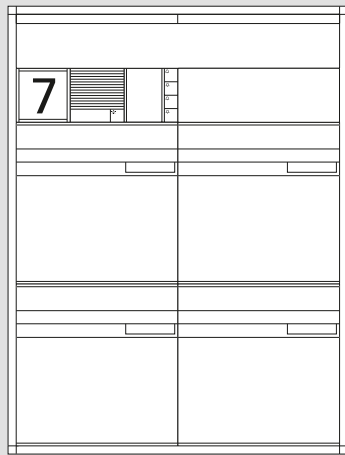
### 1+n technology

1 LEDF 600-4/1-0  
1 TLM 612-02  
1 FPM 611-02  
1 TM 612-1  
1 IM 612-0  
1 BE 611-4/1-0  
1 BKV 611-4/1-0  
1 KR 611-4/3-0  
2 GU 611-4/1-0  
1 MR 611-4/1-0



### In-Home bus

1 BMM 611-0  
1 BTLM 650-04  
1 BCMC 650-0  
1 BTM 650-02  
2 BE 611-4/1-0  
2 BKV 611-4/1-0  
1 KR 611-4/3-0  
1 GU 611-4/1-0  
1 MR 611-4/1-0

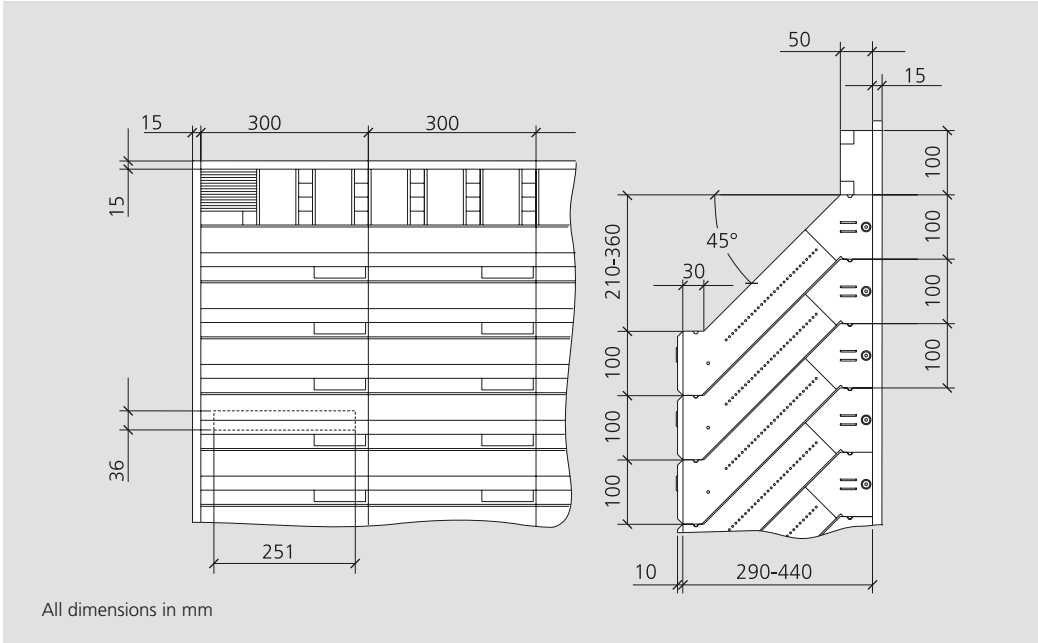


**Please get in touch with us to  
discuss the many varied possibilities  
available.**

See page 368

Siedle Vario  
Flush-mounted letterboxes  
Pass-through letterboxes

System components  
Pass-through letterboxes 300 mm wide



**Plaster trim for BKV 611-3/...**  
Plaster trim elements PB 611-... W are made of extruded aluminium sheath and are coated in white. They are used as a surround on the removal side of the BKV 611-3/... and form a tidy plaster edge. By use of a plaster trim element, a tidy, finished appearance is reached on the removal side of the letterbox system.



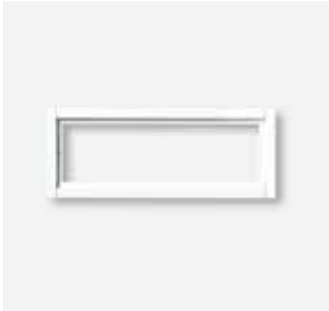
**MR 611-3/1-0**  
Mounting frame made of zinc die-cast, to accommodate 3 function modules. Suitable for vertical or horizontal mounting. With quick-release screws for flush-mount housing and Siedle Vario key.  
Dimensions (mm) W x H x D:  
99.5 x 299.5 x 17



**GU 611-3/1-0**  
Flush-mount housing in dimensionally stable plastic, for fixture of the mounting frame MR 611-3/1- ... using quick-release screw joints. With prepared cable inlets, cable clamps and quick-release fixtures for the combination terminals. Mounting possible with hollow wall mounting accessory ZHB 612-... . The housing units can be mounted one above the other and side by side using the provided accessories.  
Dimensions (mm) W x H x D:  
100 x 300 x 50



**BE 611-3/1-0**  
Letterbox flaps module made of extruded aluminium sheath, plastic-coated or painted. Thermal separation by means of plastic elements ensures good heat insulation. The pass-through opening behind the flap can be adjusted in three stages: From the biggest possible opening of 30.5 mm to 20 mm, and if necessary the opening can be completely closed (e.g. during holiday periods). Self-closing flap, torsion-resistant, low-noise operation due to sealing lip. Pass-through and anti-pilfer device to DIN EN 13724. Can be screwed onto BKV 611-3/... or into a wall recess. Inscription field in conjunction with BKV 611-3/... or with user's own letter compartment. Pass-through size (mm) W x H: 251 x 36 Nameplate size (mm) W x H: 85 x 16 Dimensions (mm) W x H x D: 299 x 99 x 6

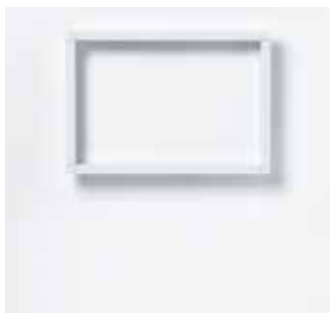


**KR 611-3/1-0**  
Combination frames made of extruded aluminium sheath, powder-coated/ painted, to surround the function modules and cover the plaster groove. A surrounding seal prevents the penetration of water.  
Dimensions (mm) W x H x D:  
131 x 331 x 15

Specifications KR 611-3/xxx		
Designation	Dimensions (mm) W x H x D	Weight (kg)
KR 611-3/1-0	131 x 331 x 15	0.44
KR 611-3/2-0	231 x 331 x 15	0.58
KR 611-3/3-0	331 x 331 x 15	0.63


**PB 611-3/1-0 W**

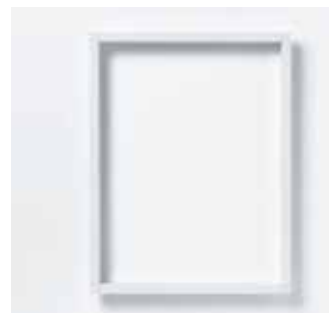
Plaster trim suitable for 1 BKV 611-3/1-...  
Colour: White  
Dimensions (mm) W x H x D:  
331 x 131 x 38


**PB 611-3/2-0 W**

Plaster trim suitable for 2  
BKV 611-3/1-... units positioned one  
above the other or 1 BKV 611-3/2-...  
Colour: White  
Dimensions (mm) W x H x D:  
331 x 231 x 38


**PB 611-3/3-0 W**

Plaster trim suitable for 3  
BKV 611-3/1-... units positioned one  
above the other.  
BKV 611-4/2-... and the BKV 611-3/3-...  
can also be used. The BKV 611-3/2-...  
replaces 2 BKV 611-3/1-... units and the  
BKV 611-3/3-... replaces 3  
BKV 611-3/1-... units.  
Colour: White  
Dimensions (mm) W x H x D:  
331 x 331 x 38


**PB 611-3/4-0 W**

Plaster trim suitable for 3  
BKV 611-4/1-... units positioned one  
above the other.  
BKV 611-3/2-... and the BKV 611-3/3-...  
can also be used. The BKV 611-3/2-...  
replaces 2 BKV 611-3/1-... units and the  
BKV 611-3/3-... replaces  
3 BKV 611-3/1-... units.  
Colour: White  
Dimensions (mm) W x H x D:  
331 x 431 x 38


**BKV 611-3/1-0 W**

Pass-through letterbox according to  
DIN EN 13724 modular system, for  
masonry walls (dry masonry), made of  
hot-dip galvanized sheet steel,  
0.8 mm, in inclined 45° model, extend-  
able from 290 - 440 mm, can be com-  
bined horizontally and vertically. Rear  
removal door, opening downwards, with  
cylinder lock, nameplate and inspection  
window. With connecting screws.  
Only to be used with BE 611-3/1-...  
Colour: White  
Nameplate size (mm) W x H: 70 x 21  
Dimensions (mm) W x H x D:  
300 x 100 x 290 - 440


**BKV 611-3/2-0 W**

Pass-through letterbox according to  
DIN EN 13724 modular system, for  
masonry walls (dry masonry), made of  
hot-dip galvanized sheet steel, 0.8 mm,  
in inclined 45° model, extendable from  
290 - 440 mm, can be combined hori-  
zontally and vertically. When arranging  
several BKV 611-3/2-0 units vertically,  
the relevant ISM 611-... must be used  
in order to cover the gap created at  
the front. The gap created below the  
bottom BKV 611-3/2-0 can alterna-  
tively be plastered. Rear removal door,  
opening downwards, with cylinder lock,  
nameplate and inspection window. With  
connecting screws.  
Only to be used with BE 611-3/1-...  
Colour: White  
Nameplate size (mm) W x H: 70 x 21  
Dimensions (mm) W x H x D:  
300 x 200 x 290 - 440


**BKV 611-3/3-0 W**

Pass-through letterbox according to  
DIN EN 13724 modular system, for  
masonry walls (dry masonry), made of  
hot-dip galvanized sheet steel,  
0.8 mm, in inclined 45° model, extend-  
able from 290 - 440 mm, can be com-  
bined horizontally and vertically.  
When arranging several BKV 611-3/3-0  
units vertically, the relevant ISM 611-...  
must be used in order to cover the gap  
created at the front. The gap created  
below the bottom BKV 611-3/3-0 can  
alternatively be plastered. Rear removal  
door, opening downwards, with cylinder  
lock, nameplate and inspection window.  
With connecting screws.  
Only to be used with BE 611-3/1-...  
Colour: White  
Nameplate size (mm) W x H: 70 x 21  
Dimensions (mm) W x H x D:  
300 x 300 x 290 - 440



At the back of the pass-through let-  
terbox, the inspection window indicates  
immediately whether it is worth opening  
the box.

**Remarks**
**Rain**

Letterbox systems with pass-through  
letterboxes are sealed towards the front.  
They are protected against the effects  
of splash water and normal rainfall.  
However, they are not suitable without  
restrictions in unprotected or exposed  
locations which are subject to frequent  
driving rain (for instance close to the  
coast).

**Ambient moisture**

Natural stone and concrete have the  
ability to store moisture. The protracted  
effect of moisture can result in leaks and

damage to the housing. We recommend  
protecting the box with a film before  
concreting it in.

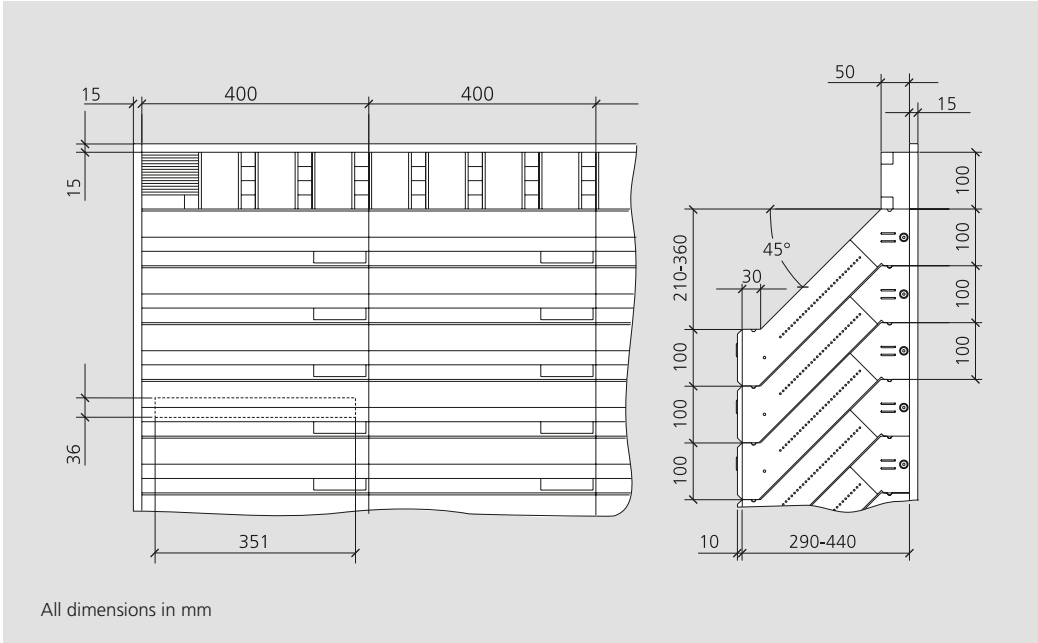
**Effect of pressure**

Housings can be deformed by the  
weight of wet cement and/or by the  
compaction process. Suitable support  
measures should therefore be provided  
for in the box.

**Other sizes are available on request.  
For optimum inscription possibili-  
ties please use the Siedle lettering  
service. See page 342**

Siedle Vario  
Flush-mounted letterboxes  
Pass-through letterboxes

System components  
Pass-through letterboxes 400 mm wide



**Plaster trim for BKV 611-4/...**  
Plaster trim elements PB 611-... W are made of extruded aluminium sheath and are coated in white. They are used as a surround on the removal side of the BKV 611-4/... and form a tidy plastered edge. By use of a plaster trim element, a tidy, finished appearance is reached on the removal side of the letterbox system.



**MR 611-4/1-0**  
Mounting frame made of zinc die-cast, to accommodate 4 function modules. Suitable for vertical or horizontal mounting. With quick-release screws for flush-mount housing and Siedle Vario key.  
Dimensions (mm) W x H x D:  
99.5 x 399.5 x 17



**GU 611-4/1-0**  
Flush-mount housing in dimensionally stable plastic, for fixture of the mounting frame MR 611-4/1-... using quick-release screw joints. With prepared cable inlets, cable clamps and quick-release fixtures for the terminal blocks. Mounting possible with hollow wall mounting accessory ZHB 612-... . The housing units can be mounted one above the other and side by side using the provided accessories or are required for mounting square function modules in the BGA 611-..., BG/SR 611-... . For each GU 611-4/1-... , 1 MA/BG 611-... is required.  
Dimensions (mm) W x H x D:  
100 x 400 x 50



**BE 611-4/1-0**  
Letterbox flaps module made of extruded aluminium sheath, plastic-coated or painted. Thermal separation by means of plastic elements ensures good heat insulation. The pass-through opening behind the flap can be adjusted in three stages: From the biggest possible opening of 40.5 mm to 20 mm, and if necessary the opening can be completely closed (e.g. during holiday periods). Self-closing flap, torsion-resistant, low-noise operation due to sealing lip. Pass-through and anti-pilfer device to DIN EN 13724. Can be screwed onto BKV 611-4/... or wall recess. Inscription field under the letterflap. Only in conjunction with the BKV 611-4/... or with user's own letter compartment.  
Pass-through size (mm) W x H: 351 x 36  
Nameplate size (mm) W x H: 85 x 16  
Dimensions (mm) W x H x D:  
399 x 99 x 6



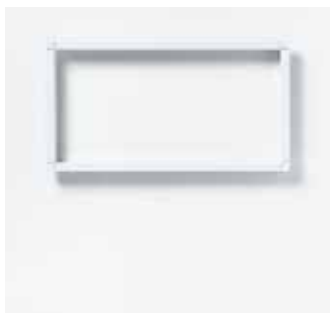
**KR 611-4/1-0**  
Combination frames made of extruded aluminium sheath, powder-coated/painted, to surround the function modules and cover the plaster groove. A surrounding seal prevents the penetration of water.  
Dimensions (mm) W x H x D:  
131 x 431 x 15

Specifications KR 611-4/xxx		
Designation	Dimensions (mm) W x H x D	Weight (kg)
KR 611-4/1-0	131 x 431 x 15	0.63
KR 611-4/2-0	231 x 431 x 38	0.76
KR 611-4/3-0	331 x 431 x 38	0.93
KR 611-4/4-0	431 x 431 x 38	1.11



**PB 611-4/1-0 W**

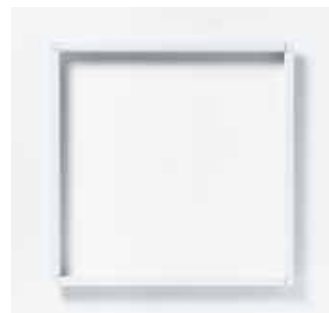
Plaster trim suitable for 1  
BKV 611-4/1-...  
Colour: White  
Dimensions (mm) W x H x D:  
431 x 131 x 38

**PB 611-4/2-0 W**

Plaster trim suitable for 2  
BKV 611-4/1-... units positioned one  
above the other or 1 BKV 611-4/2-...  
Colour: White  
Dimensions (mm) W x H x D:  
431 x 231 x 38

**PB 611-3/4-0 W**

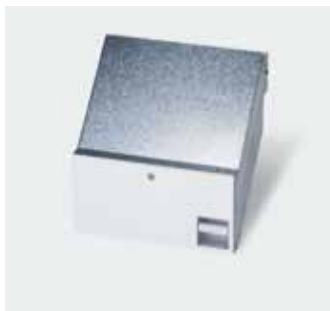
Plaster trim suitable for 3  
BKV 611-4/1-... units positioned one  
above the other. BKV 611-4/2-... and the  
BKV 611-4/3-... can also be used.  
The BKV 611-4/2-... replaces 2 BKV  
611-4/1-... units and the BKV 611-4/3-...  
replaces 3 BKV 611-4/1-... units.  
Colour: White  
Dimensions (mm) W x H x D:  
331 x 431 x 38

**PB 611-4/4-0 W**

Plaster trim suitable for 4  
BKV 611-4/1-... units positioned one  
above the other. The BKV 611-4/2-...  
and the BKV 611-4/3-... can also be  
used. The BKV 611-4/2-... replaces 2  
BKV 611-4/1-... units and the  
BKV 611-4/3-... replaces 3  
BKV 611-4/1-... units.  
Colour: White  
Dimensions (mm) W x H x D:  
431 x 431 x 38

**BKV 611-4/1-0 W**

Pass-through letterbox according to  
DIN EN 13724 modular system, for  
masonry walls (dry masonry), made of  
hot-dip galvanized sheet steel, 0.8 mm,  
in inclined 45° model, extendable from  
290 - 440 mm, can be combined  
horizontally and vertically. Rear  
removal door, opening downwards, with  
cylinder lock, nameplate and inspection  
window. With connecting screws. Only  
to be used with BE 611-4/1-...  
Colour: White  
Nameplate size (mm) W x H: 70 x 21  
Dimensions (mm) W x H x D:  
400 x 100 x 290 - 440

**BKV 611-4/2-0 W**

Pass-through letterbox according to  
DIN EN 13724 modular system, for  
masonry walls (dry masonry), made of  
hot-dip galvanized sheet steel, 0.8 mm,  
in inclined 45° model, extendable from  
290 - 440 mm, can be combined  
horizontally and vertically. When arranging  
several BKV 611-4/2-0 units vertically,  
the relevant ISM 611-... must be used  
in order to cover the gap created at  
the front. The gap created below the  
bottom BKV 611-4/2-0 can alterna-  
tively be plastered. Rear removal door,  
opening downwards, with cylinder lock,  
nameplate and inspection window. With  
connecting screws. Only to be used with  
BE 611-4/1-...  
Colour: White  
Nameplate size (mm) W x H: 70 x 21  
Dimensions (mm) W x H x D:  
400 x 200 x 290 - 440

**BKV 611-4/3-0 W**

Pass-through letterbox according to  
DIN EN 13724 modular system, for  
masonry walls (dry masonry), made of  
hot-dip galvanized sheet steel, 0.8 mm,  
in inclined 45° model, extendable from  
290 - 440 mm, can be combined  
horizontally and vertically. When arranging  
several BKV 611-4/3-0 units vertically,  
the relevant ISM 611-... must be used  
in order to cover the gap created at  
the front. The gap created below the  
bottom BKV 611-4/3-0 can alterna-  
tively be plastered. Rear removal door,  
opening downwards, with cylinder lock,  
nameplate and inspection window. With  
connecting screws. Only to be used with  
BE 611-4/1-...  
Colour: White  
Nameplate size (mm) W x H: 70 x 21  
Dimensions (mm) W x H x D:  
400 x 300 x 290 - 440



At the back of the pass-through let-  
terbox, the inspection window indicates  
immediately whether it is worth opening  
the box.

**Remarks****Rain**

Letterbox systems with pass-through  
letterboxes are sealed towards the front.  
They are protected against the effects  
of splash water and normal rainfall.  
However, they are not suitable without  
restrictions in unprotected or exposed  
locations which are subject to frequent  
driving rain (for instance close to the  
coast).

**Ambient moisture**

Natural stone and concrete have the  
ability to store moisture. The protracted  
effect of moisture can result in leaks and

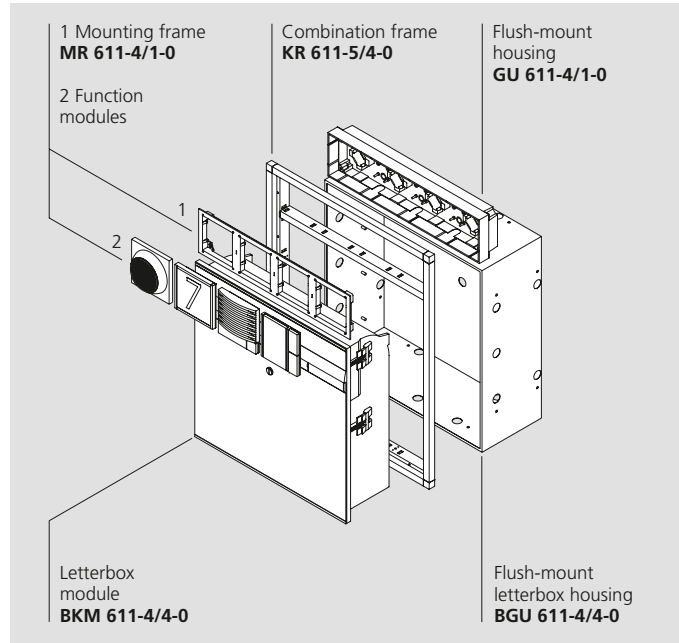
damage to the housing. We recommend  
protecting the box with a film before  
concreting it in.

**Effect of pressure**

Housings can be deformed by the  
weight of wet cement and/or by the  
compaction process. Suitable support  
measures should therefore be provided  
for in the box.

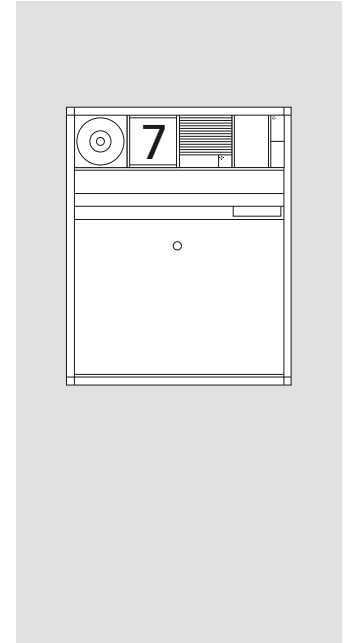
**Other sizes are available on request.  
For optimum inscription possibili-  
ties please use the Siedle lettering  
service. See page 342**

## Product description

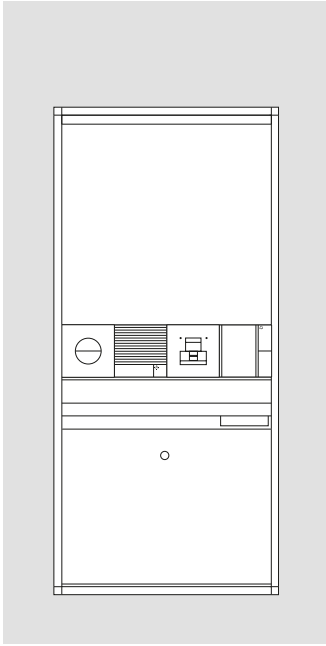


Post removal from the front is the right option where wall breakthrough is not practicable. The flush-mount version requires a housing height of just 15 millimetres. The carcase and fronts in durable, corrosion-proof aluminium are capable of withstanding adverse weather conditions and forced opening. The 3-point locking mechanism and a hard-wearing cylinder lock keep the mail safely under lock and key. The removal door opens downwards rather than to the side, effectively preventing post from dropping out. All-round drainage channels offer optimum protection from driving rain, and the climate box made of plastic prevents the build-up of condensation.

## Order examples



**In-Home bus**  
 1 BCMC 650-0  
 1 IM 612-0  
 1 BTLM 650-04  
 1 BTM 650-01  
 1 BKM 611-4/4-0  
 1 KR 611-5/4-0  
 1 GU 611-4/1-0  
 1 BGU 611-4/4-0  
 1 MR 611-4/1-0

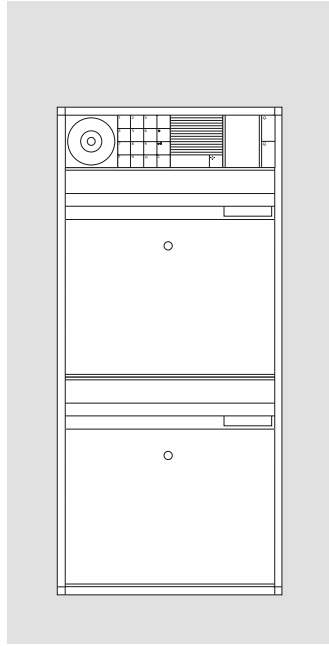


#### In-Home bus

1 LEDF 600-4/4-0  
1 BMM 611-0  
1 BTLM 650-04  
1 FPM 611-02  
1 BTM 650-01  
1 BKM 611-4/4-0  
1 KR 611-9/4-0 A  
5 GU 611-4/1-0  
1 BGU 611-4/4-0  
1 MR 611-4/1-0

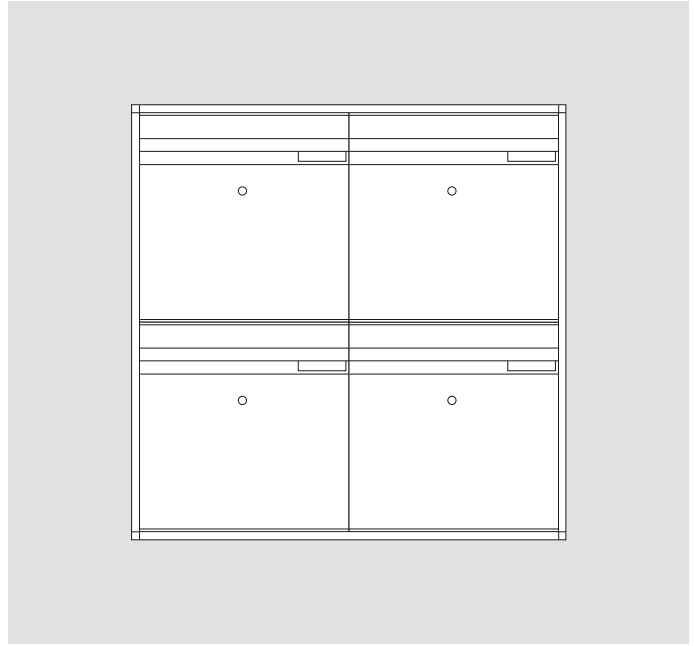
#### 1+n technology

1 LEDF 600-4/4-0  
1 BMM 611-0  
1 TLM 612-02  
1 FPM 611-02  
1 TM 612-1  
1 BKM 611-4/4-0  
1 KR 611-9/4-0 A  
5 GU 611-4/1-0  
1 BGU 611-4/4-0  
1 MR 611-4/1-0



#### In-Home bus

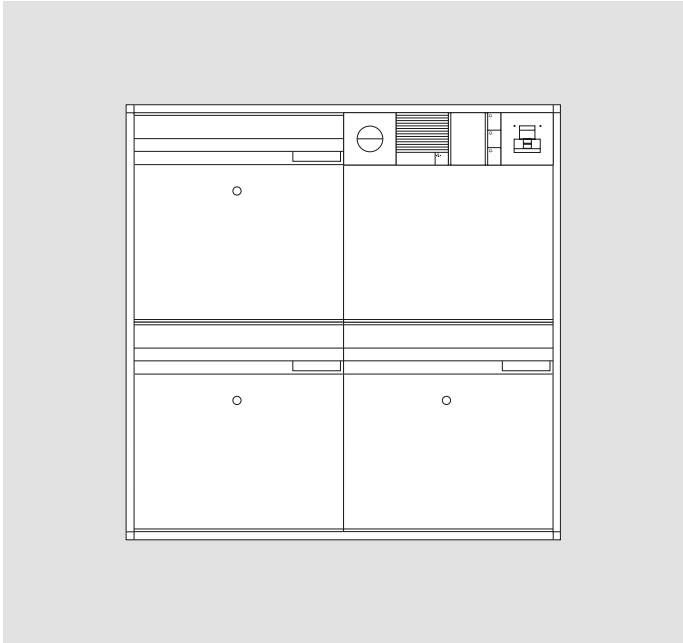
1 BCMC 650-0  
1 COM 611-02  
1 BTLM 650-04  
1 BTM 650-02  
2 BKM 611-4/4-0  
1 KR 611-9/4-0 A  
1 GU 611-4/1-0  
2 BGU 611-4/4-0  
1 MR 611-4/1-0



#### System-independent

4 BKM 611-4/4-0  
1 KR 611-8/8-0  
4 BGU 611-4/4-0

Order examples

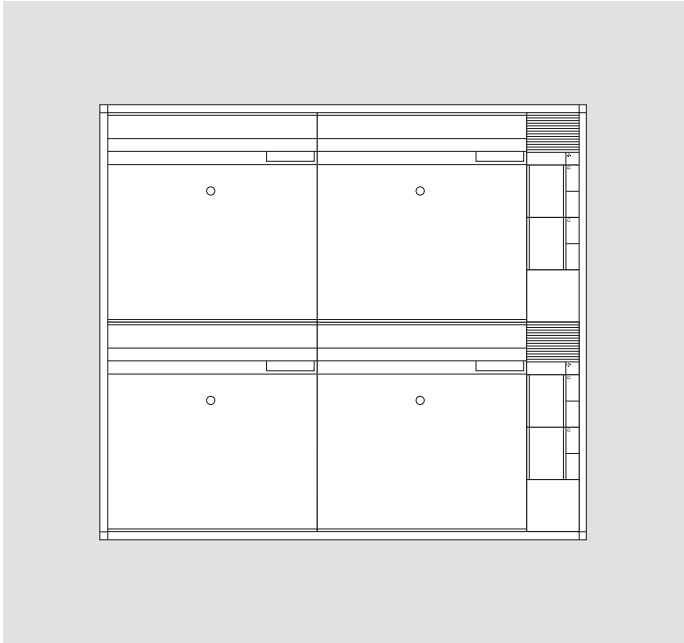


In-Home bus

- 1 BMM 611-0
- 1 BTLM 650-04
- 1 BTM 650-03
- 1 FPM 611-02
- 1 ISM 611-4/3-0
- 3 BKM 611-4/4-0
- 1 KR 611-8/8-0
- 3 BGU 611-4/4-0
- 4 GU 611-4/1-0
- 1 MR 611-4/1-0

1+n technology

- 1 BMM 611-0
- 1 TLM 612-02
- 1 TM 612-3
- 1 FPM 611-02
- 1 ISM 611-4/3-0
- 3 BKM 611-4/4-0
- 1 KR 611-8/8-0
- 3 BGU 611-4/4-0
- 4 GU 611-4/1-0
- 1 MR 611-4/1-0

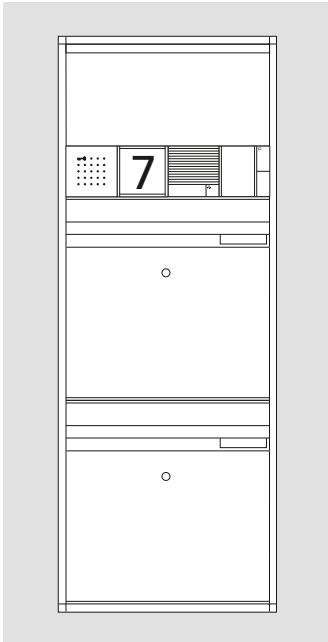


In-Home bus

- 2 BTLM 650-04
- 4 BTM 650-01
- 2 BM 611-0
- 4 BKM 611-4/4-0
- 1 KR 611-9/8-0 A
- 4 BGU 611-4/4-0
- 2 GU 611-4/1-0
- 2 MR 611-4/1-0

1+n technology

- 2 TLM 612-02
- 4 TM 612-1
- 2 BM 611-0
- 4 BKM 611-4/4-0
- 1 KR 611-9/8-0 A
- 4 BGU 611-4/4-0
- 2 GU 611-4/1-0
- 2 MR 611-4/1-0



Please get in touch with us to discuss the many varied possibilities available.  
See page 368

Specifications KR 611-4/xxx		
Designation	Dimensions (mm) W x H x D	Weight (kg)
KR 611-5/4-0	431 x 531 x 38	1.43
KR 611-8/8-0	831 x 831 x 38	3.92
KR 611-9/4-0 A	431 x 931 x 38	2.35
KR 611-9/8-0 A	831 x 931 x 38	4.42

## System components



### BKM 611-4/4-0

Letterbox module with pass-through flap, front removal door and letterbox. Pass-through and anti-pilfer device to DIN EN 13724. Pass-through flap and removal door in plastic-coated or painted aluminium, torsion-resistant, hard-wearing, concealed plastic hinges. The nameplate is located under the letterbox flap. Convenient post removal door which brakes automatically at a pre-determined angle, safety lock with 2 keys. Permanently integrated in the module is a large-format letterbox made of plastic, bottom-shaped as post support rack. The square design permits installation of letterbox module housings BGU/BGA 611-.... Fitted for attachment to combination frame. Pass-through size (mm) W x H: 355 x 32.5  
Nameplate size (mm) W x H: 85 x 16  
Mounting depth (mm): 117  
Height of structure (mm): 6  
Dimensions (mm) W x H x D: 399 x 399 x 123



### AFM 611-4/4-0

Delivery compartment module with removal door at the front to be used for purposes such as a compartment for deliveries by baker, milkman etc. Removal door made of plastic-coated or painted aluminium, torsion-resistant, hard-wearing, concealed hinges made of plastic. With top sealing lip and convenient turn-lock fastener. The opening door is automatically stopped at a predetermined angle. Module made of foam plastic, with rack. The square shape permits mounting in letterbox housings BGU/BGA 611-.... with fastening facility at the combination frame. Suitable for external installation. Mounting depth (mm): 117  
Height of structure (mm): 18  
Dimensions (mm) W x H x D: 399 x 399 x 135



### GU 611-4/1-0

Flush-mount housing in dimensionally stable plastic, for fixture of the mounting frame MR 611-4/1-.... using quick-release screw joints. With prepared cable inlets, cable clamps and quick-release fixtures for the terminal blocks. Mounting possible with hollow wall mounting accessory ZHB 612-.... The housing units can be mounted one above the other and side by side using the provided accessories or are required for mounting square function modules in the BGA 611-...., BG/SR 611-.... For each GU 611-4/1-...., 1 MA/BG 611-.... is required. Dimensions (mm) W x H x D: 100 x 400 x 50



### MR 611-4/1-0

Mounting frame made of zinc die-cast, to accommodate 4 function modules. Suitable for vertical or horizontal mounting. With quick-release screws for flush-mount housing and Siedle Vario key. Dimensions (mm) W x H x D: 99.5 x 399.5 x 17



### BGU 611-4/4-0

Flush-mount housing in hot-dip galvanized sheet steel 1.0 mm to accommodate the BKM 611-4/4-.... or AFM 611-4/4-...., with facility for fastening the relevant combination frame, plaster compensation 15 mm. Prepared for mounting in a row of several BGU 611-4/4-.... units side by side or one above the other. With connecting screws for mounting in a row. Combination possible with GU 611-4/1-...., to accommodate function modules. Dimensions (mm) W x H x D: 400 x 400 x 150

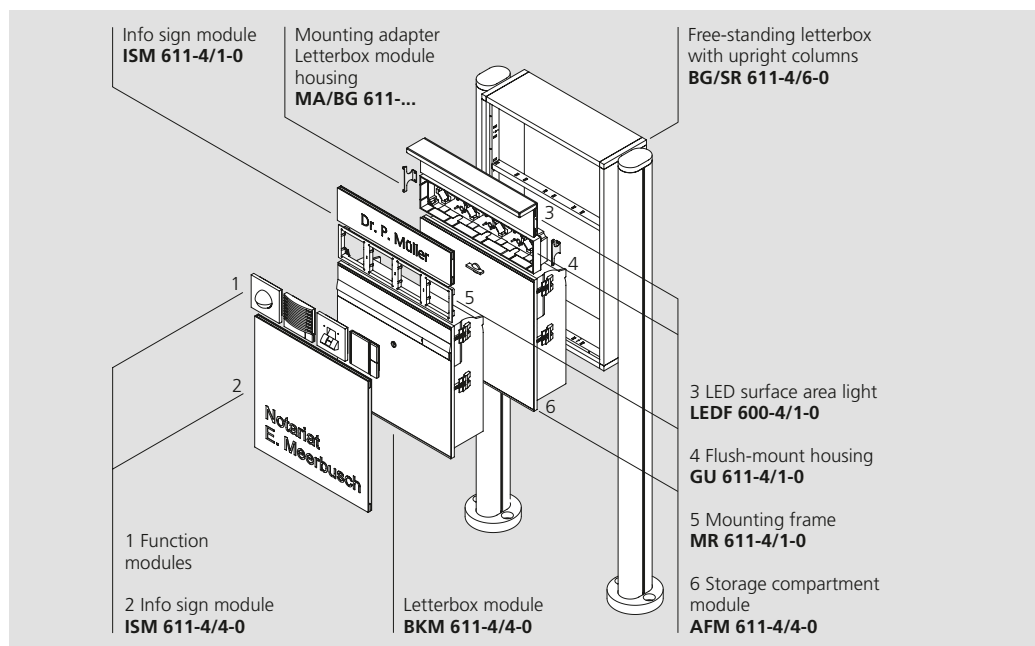




## Siedle Vario Free-standing letterboxes for front removal

<b>Letterboxes with standpipe</b>	
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## Product description



All the benefits of Siedle Vario are brought fully to bear in free-standing letterbox systems. The communication pedestal as a carrier with standpipes, featuring space-saving letterboxes or a large removal door, with info sign and LED surface area light or all other Vario function modules: A Vario letterbox system is transformed into a freely locatable communication and mail centre. The wide diversity of

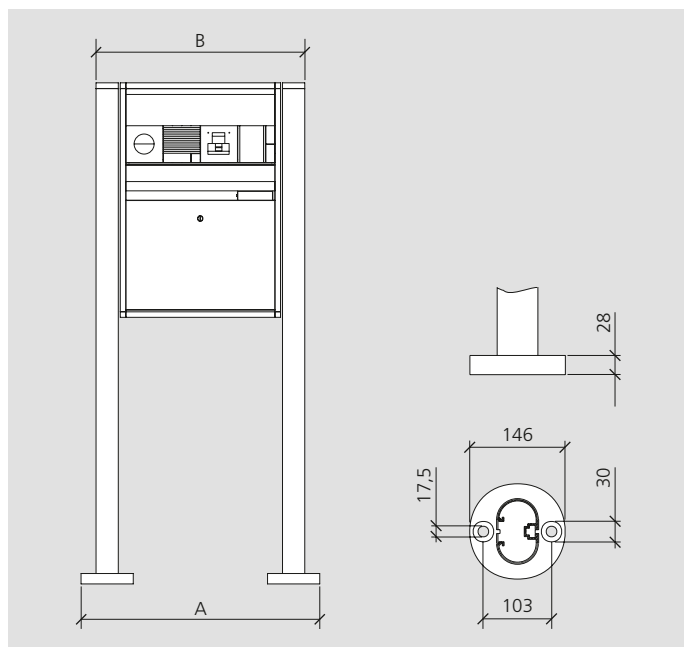
possibilities adds to the complexity of the planning process. Initially determine, ideally together with your customer, what the requirements are, and use our quotation service for non-standard Vario solutions! See page 124

### Scope of supply BG/SR 611-...

Free-standing variants are fitted as standard with a 1.30 m long standpipe and a floor flange for screw fastening. Any required mounting hardware such as heavy-duty dowels and screws are provided with the delivery. A cable channel integrated in the left-hand standpipe offers sufficient space for cable routing.

Alternatively, cable routing in the right-hand stand pipe, special lengths of 1.60 m or 1.90 m in height and standpipes designed to be set in concrete can be supplied on request.

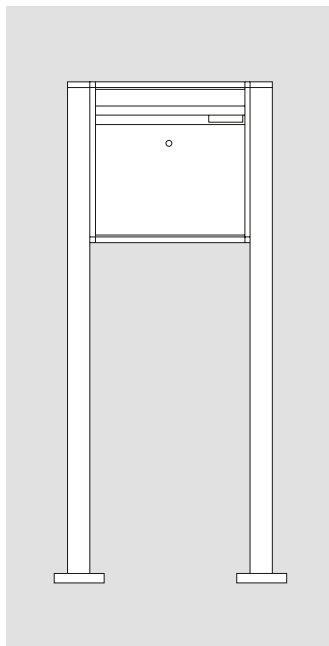
## Dimensions



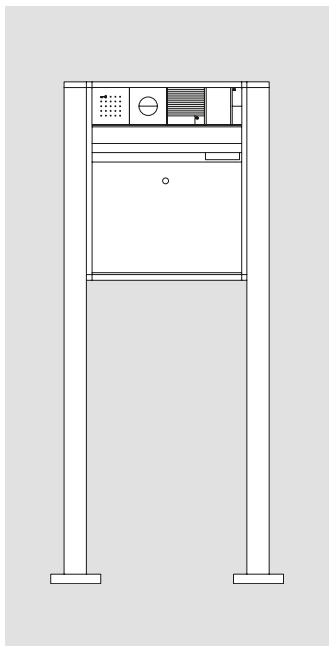
All dimensions in mm



## Order examples

**System-independent**

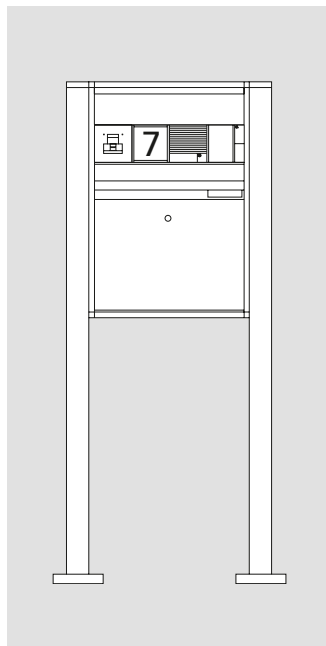
1 BG/SR 611-4/4-0  
1 BKM 611-4/4-0

**In-Home bus**

1 BG/SR 611-4/5-0  
1 BKM 611-4/4-0  
1 ELM 611-01  
1 EKC 601-0 (3 pcs.)  
1 BMM 611-0  
1 BTLM 650-04  
1 BTM 650-01  
1 GU 611-4/1-0  
1 MR 611-4/1-0  
1 MA/BG 611-0

**1+n technology**

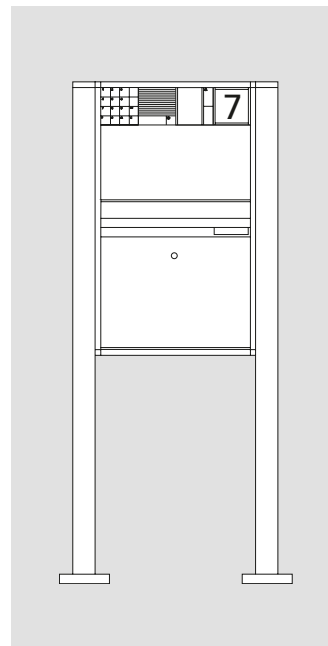
1 BG/SR 611-4/5-0  
1 BKM 611-4/4-0  
1 ELM 611-01  
1 EKC 601-0 (3 pcs.)  
1 BMM 611-0  
1 TLM 612-02  
1 TM 612-1  
1 GU 611-4/1-0  
1 MR 611-4/1-0  
1 MA/BG 611-0

**In-Home bus**

1 BG/SR 611-4/6-0  
1 BKM 611-4/4-0  
1 LEDF 600-4/1-0  
1 FPM 611-02  
1 IM 612-0  
1 BTLM 650-04  
1 BTM 650-01  
1 GU 611-4/1-0  
1 MR 611-4/1-0  
1 MA/BG 611-0  
1 MA/LEDF 600-0

**1+n technology**

1 BG/SR 611-4/6-0  
1 BKM 611-4/4-0  
1 LEDF 600-4/1-0  
1 FPM 611-02  
1 IM 612-0  
1 TLM 612-02  
1 TM 612-1  
1 GU 611-4/1-0  
1 MR 611-4/1-0  
1 MA/BG 611-0  
1 MA/LEDF 600-0

**In-Home bus**

1 BG/SR 611-4/7-0  
1 BKM 611-4/4-0  
1 COM 611-02  
1 BTLM 650-04  
1 BTM 650-01  
1 IM 612-0  
1 ISM 611-4/2-0  
1 GU 611-4/1-0  
1 MR 611-4/1-0  
1 MA/BG 611-0

**1+n technology**

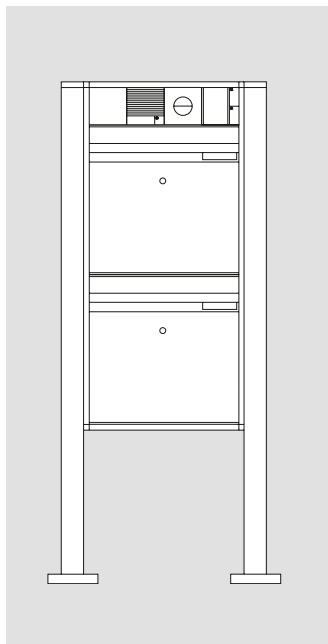
1 BG/SR 611-4/7-0  
1 BKM 611-4/4-0  
1 COM 611-02  
1 TLM 612-02  
1 TM 612-1  
1 IM 612-0  
1 ISM 611-4/2-0  
1 GU 611-4/1-0  
1 MR 611-4/1-0  
1 MA/BG 611-0

**Specifications for the letterboxes**

Designation	Dimensions (mm) W x H x D	Dimensions A (mm)	Dimensions B (mm)	Weight (kg)
BG/SR 611-4/4-0*...	647 x 1344 x 150	647	561	19.0
BG/SR 611-4/5-0...	647 x 1344 x 150	647	561	19.5
BG/SR 611-4/6-0...	647 x 1344 x 150	647	561	20.0
BG/SR 611-4/7-0...	647 x 1344 x 150	647	561	20.5
BG/SR 611-4/9-0...	647 x 1344 x 150	647	561	21.5
BG/SR 611-8/5-0...	1047 x 1344 x 150	1047	961	43.5

\* Not prepared for cable inlet ex works

## Order examples

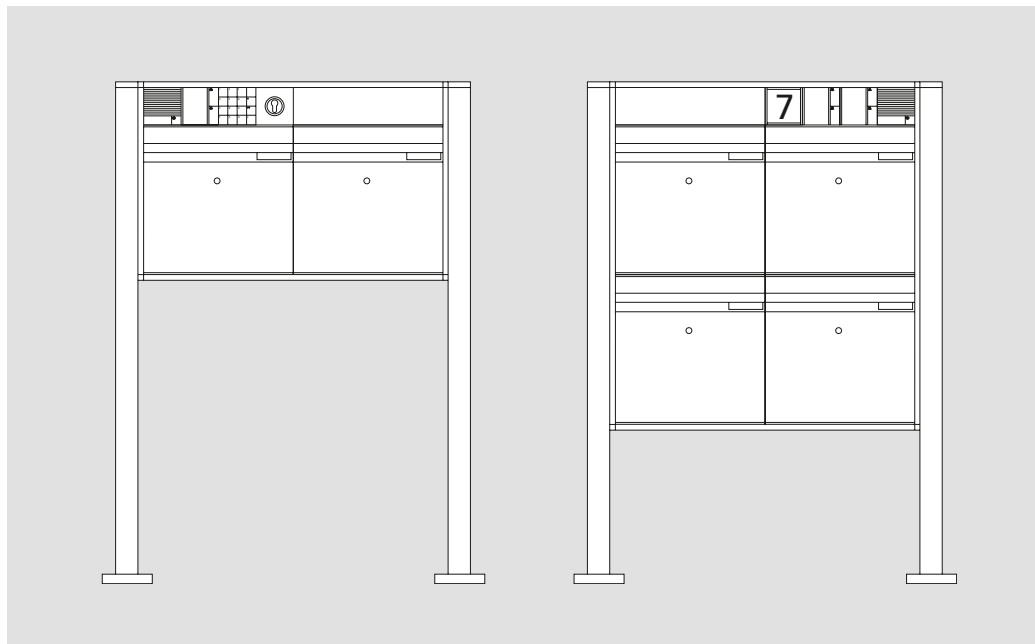


### In-Home bus

- 1 BG/SR 611-4/9-0
- 2 BKM 611-4/4-0
- 1 BM 611-0
- 1 BTLM 650-04
- 1 BMM 611-0
- 1 BTM 650-02
- 1 GU 611-4/1-0
- 1 MR 611-4/1-0
- 1 MA/BG 611-0

### 1+n technology

- 1 BG/SR 611-4/9-0
- 2 BKM 611-4/4-0
- 1 BM 611-0
- 1 TLM 612-02
- 1 BMM 611-0
- 1 TM 612-2
- 1 GU 611-4/1-0
- 1 MR 611-4/1-0
- 1 MA/BG 611-0



### In-Home bus

- 1 BG/SR 611-8/5-0
- 2 BKM 611-4/4-0
- 1 BTLM 650-04
- 1 BTM 650-02
- 1 COM 611-02
- 1 SM 611-01
- 1 ISM 611-4/1-0
- 1 GU 611-4/1-0
- 1 MR 611-4/1-0
- 1 MA/BG 611-0

### 1+n technology

- 1 BG/SR 611-8/5-0
- 2 BKM 611-4/4-0
- 1 TLM 612-02
- 1 TM 612-2
- 1 COM 611-02
- 1 SM 611-01
- 1 ISM 611-4/1-0
- 1 GU 611-4/1-0
- 1 MR 611-4/1-0
- 1 MA/BG 611-0

**Please get in touch with us to discuss the many varied possibilities available.**

See page 368

## System components



### BKM 611-4/4-0

Letterbox module with pass-through flap, front removal door and letterbox. Pass-through and anti-pilfer device to DIN EN 13724.

Pass-through flap and removal door in plastic-coated or painted aluminium, torsion-resistant, hard-wearing, concealed plastic hinges. The nameplate is located under the letterbox flap. Convenient post removal door which brakes automatically at a pre-determined angle, safety lock with 2 keys.

Permanently integrated in the module is a large-format letterbox made of plastic, bottom-shaped as post support rack. The square design permits installation of letterbox module housings BGU/ BGA 611-... . Fitted for attachment to combination frame.

Pass-through size (mm) W x H:  
355 x 32.5

Nameplate size (mm) W x H: 85 x 16

Mounting depth (mm): 117

Height of structure (mm): 6

Dimensions (mm) W x H x D:

399 x 399 x 123



### AFM 611-4/4-0

Delivery compartment module with removal door at the front to be used for purposes such as a compartment for deliveries by baker, milkman etc. Removal door made of plastic-coated or painted aluminium, torsion-resistant, hard-wearing, concealed hinges made of plastic.

With top sealing lip and convenient turn-lock fastener. The opening door is automatically stopped at a predetermined angle. Module made of foam plastic, with rack. The square shape permits mounting in letterbox housings BGU/BGA 611-... with fastening facility at the combination frame.

Suitable for external installation.

Mounting depth (mm): 117

Height of structure (mm): 18

Dimensions (mm) W x H x D:

399 x 399 x 135



### ZE/SR 611-0

Ground element accessory for concreting into the ground made of stable, hot-dip galvanized sectional steel with internal cable opening and floor flange and welded-on nuts for fixture of the relevant standpipe.

Dimensions (mm) W x H x D:

220 x 505 x 200



### GU 611-4/1-0

Flush-mount housing in dimensionally stable plastic, for fixture of the mounting frame MR 611-4/1-... using quick-release screw joints.

With prepared cable inlets, cable clamps and quick-release fixtures for the terminal blocks. Mounting possible with hollow wall mounting accessory ZHB 612-... . The housing units can be mounted one above the other and side by side using the provided accessories or are required for mounting square function modules in the BGA 611-..., BG/SR 611-... . For each GU 611-4/1-... , 1 MA/BG 611-... is required.

Dimensions (mm) W x H x D:

100 x 400 x 50



### MR 611-4/1-0

Mounting frame made of zinc die-cast, to accommodate 4 function modules.

Suitable for vertical or horizontal mounting. With quick-release screws for flush-mount housing and Siedle Vario key.

Dimensions (mm) W x H x D:

99.5 x 399.5 x 17



### MA/BG 611-0

A mounting adapter/letterbox module housing for horizontal and vertical fixture of flush-mount housing GU 611-4/1-... in housing BGA 611-.../ BG/SR 611-... is required for each GU 611-4/1-... . Comprising 1 pair of mounting brackets and screws.

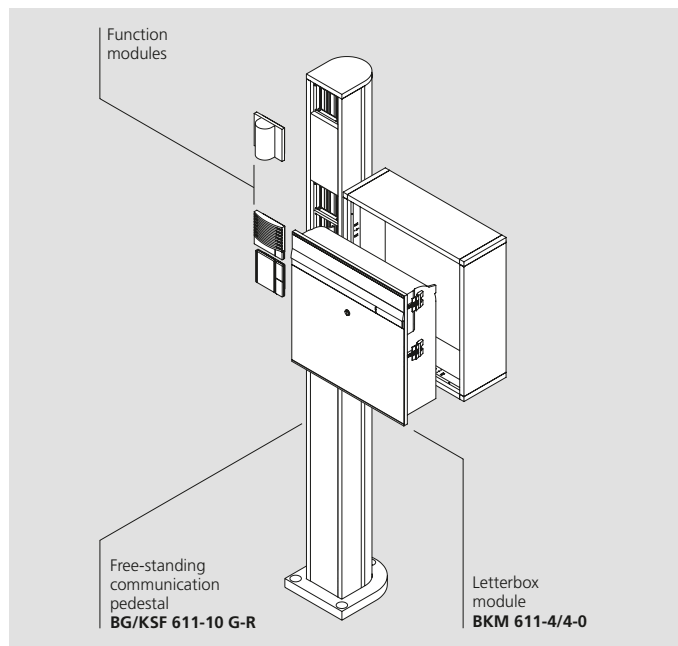
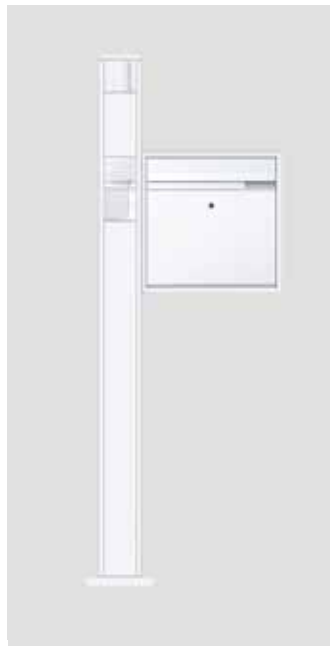


### ZVM/KSA 611-0

The connecting sleeve accessory ZVM/ KSA 611-... is used as a transfer point in line with VDE regulations for the user's 230 V / 110 V mains to the BG/ SR 611-..., KSA 6... and RG/SR 611-... . Mounting and accommodation in the cable channel of the standpipe or KSA. Screw union: for 5 x 2.5<sup>2</sup> according to VDE 0606

Dimensions (mm) dia. x H: 30 x 85

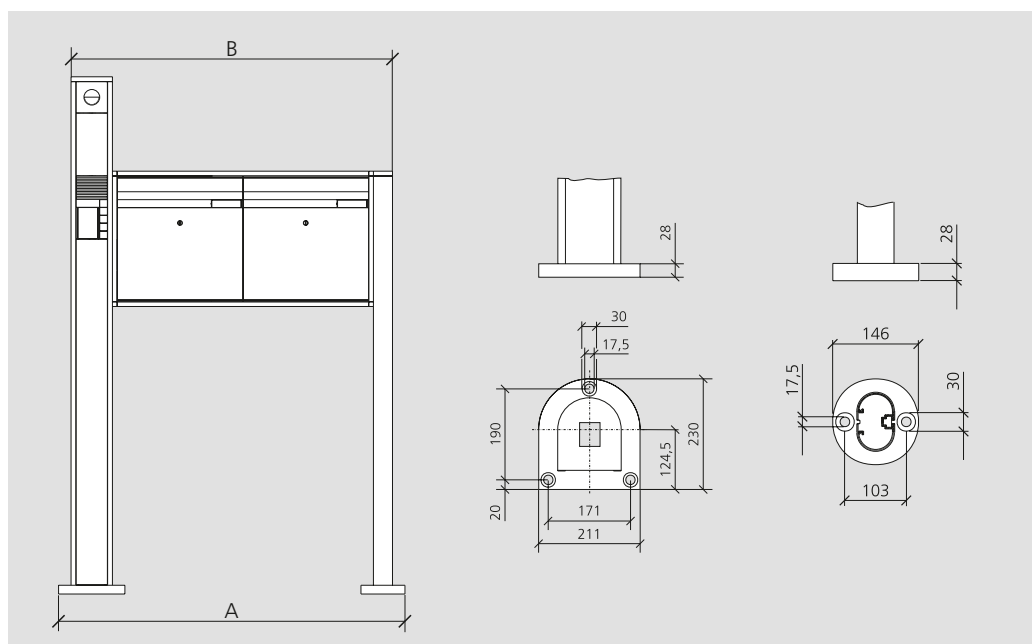
## Product description



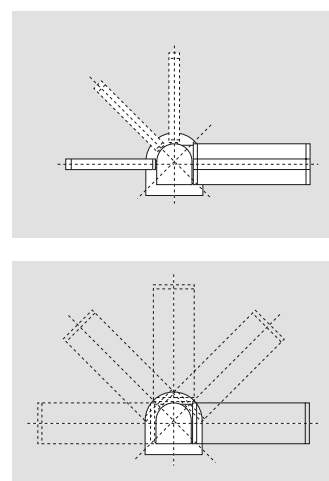
With its greater structural depth and profiled housing, the communication pedestal is transformed into a multi-functional carrier system for letterboxes, info signs and LED surface area lights. Please note during the planning and ordering process that this function is only possible when opting for the large-volume housing (order no. KSF 61x). The low-profile communication pedestal with its minimal

overall depth (order no. KS 61x, page 72) cannot be combined with the letterboxes, signs and LED surface area lights.

## Dimensions

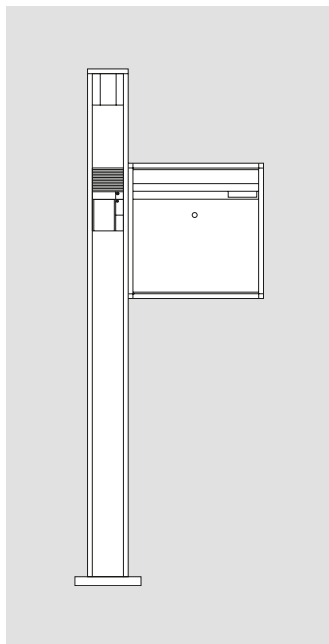


Dimensional drawing/Dimensions in mm  
Cut-out for cable entry: 50 x 60 mm  
Profile KSF 61x: 131 x 150 mm



**The various planning possibilities**  
Letterboxes or info signs are positioned at 5 angles spaced 45° apart at the right height on the free-standing pedestal. This possibility of creating three-dimensional configurations allows you to design your own orientation or signage system.

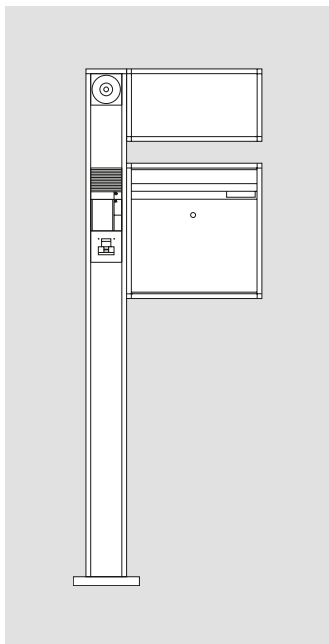
## Order examples

**In-Home bus**

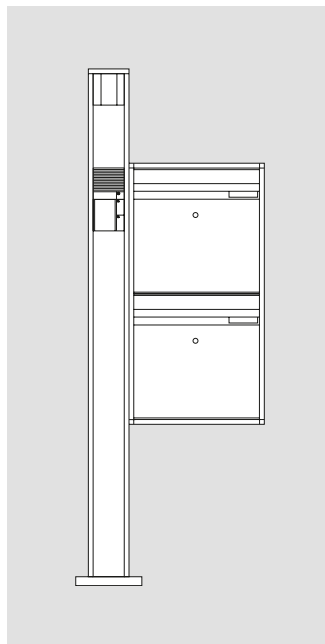
1 BG/KSF 611-10 G-R  
 1 BKM 611-4/4-0  
 1 LEDS 600-0  
 1 BTLM 650-04  
 1 BTM 650-01

**1+n technology**

1 BG/KSF 611-10 G-R  
 1 BKM 611-4/4-0  
 1 LEDS 600-0  
 1 TLM 612-02  
 1 TM 612-1

**In-Home bus**

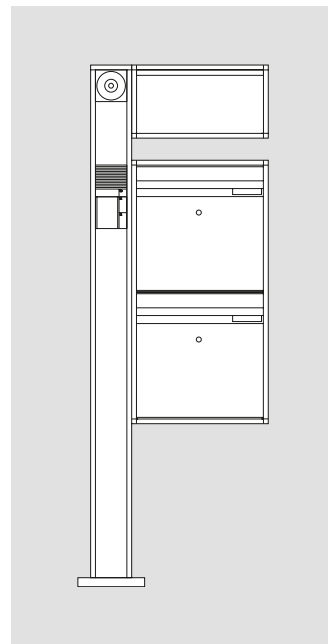
1 BG/KSF 611-12 H-R  
 1 BKM 611-4/4-0  
 1 BCMC 650-0  
 1 BTLM 650-04  
 1 BTM 650-01  
 1 FPM 611-02  
 1 ISM 611-4/2-0

**In-Home bus**

1 BG/KSF 611-20 G-R  
 2 BKM 611-4/4-0  
 1 LEDS 600-0  
 1 BTLM 650-04  
 1 BTM 650-02

**1+n technology**

1 BG/KSF 611-20 G-R  
 2 BKM 611-4/4-0  
 1 LEDS 600-0  
 1 TLM 612-02  
 1 TM 612-2

**In-Home bus**

1 BG/KSF 611-22 G-R  
 2 BKM 611-4/4-0  
 1 BCMC 650-0  
 1 BTLM 650-04  
 1 BTM 650-02  
 1 LEDF 600-4/2-0  
 1 MA/LEDF 600-0

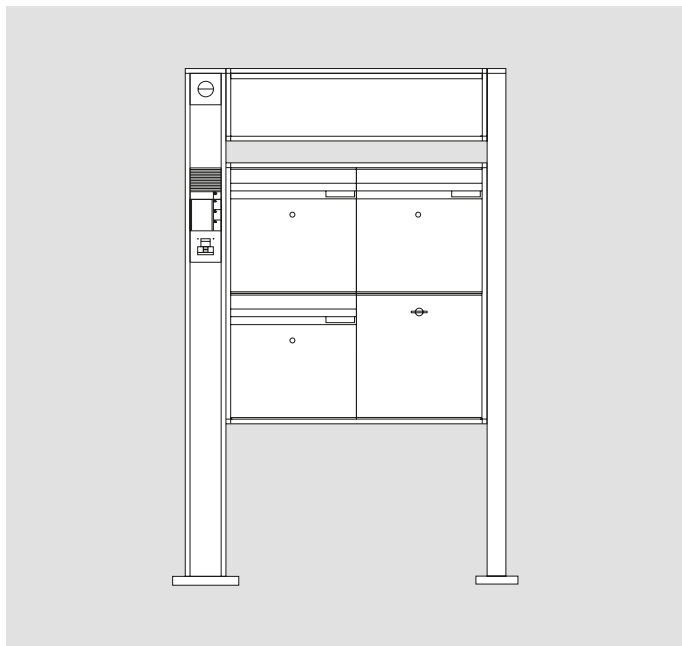
**Specifications: Pedestals + letterboxes**

Designation	Dimensions (mm) W x H x D	Dimensions A (mm)	Dimensions B (mm)	Weight (kg)
BG/KSF 611-10 G-R	606 x 1644 x 150	—	567	26.0
BG/KSF 611-12 H-R	606 x 1644 x 150	—	567	28.5
BG/KSF 611-20 G-R	606 x 1644 x 150	—	567	29.0
BG/KSF 611-22 G-R	606 x 1644 x 150	—	567	31.0
BG/KSF 611-44 H-R	1115 x 1644 x 150	1115	1032	57.4

**Please note:**

The variants illustrated in the catalogue represent only a small selection of the many possibilities. Use the demonstrated examples or look in our end user brochure to inspire yourself to design your own individual letterbox system, or use our Siedle quotation service for Vario special lengths.  
 See page 124

## Order examples

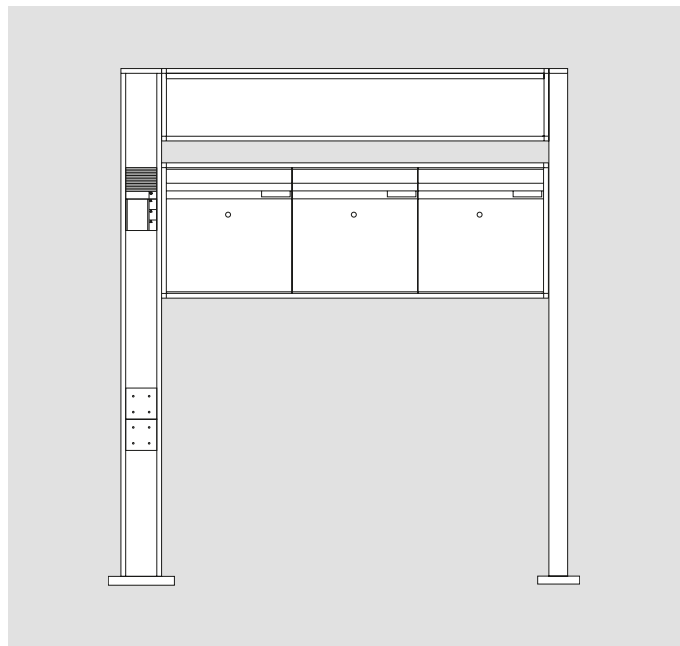


### In-Home bus

- 1 BG/KSF 611-44 H-R
- 3 BKM 611-4/4-0
- 1 AFM 611-4/4-0
- 1 BMM 611-0
- 1 BTLM 650-04
- 1 BTM 650-03
- 1 FPM 611-02
- 1 LEDF 600-8/2-0
- 1 MA/LEDF 600-0

### 1+n technology

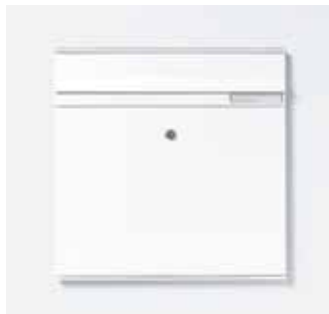
- 1 BG/KSF 611-44 H-R
- 3 BKM 611-4/4-0
- 1 AFM 611-4/4-0
- 1 BMM 611-0
- 1 TLM 612-02
- 1 TM 612-3
- 1 FPM 611-02
- 1 LEDF 600-8/2-0
- 1 MA/LEDF 600-0



Please get in touch with us to  
discuss the many varied possibilities  
available.

See page 368

## System components



### BKM 611-4/4-0

Letterbox module with pass-through flap, front removal door and letterbox. Pass-through and anti-pilfer device to DIN EN 13724.

Pass-through flap and removal door in plastic-coated or painted aluminium, torsion-resistant, hard-wearing, concealed plastic hinges. The nameplate is located under the letterbox flap. Convenient post removal door which brakes automatically at a pre-determined angle, safety lock with 2 keys.

Permanently integrated in the module is a large-format letterbox made of plastic, bottom-shaped as post support rack. The square design permits installation of letterbox module housings BGU/BGA 611-... . Fitted for attachment to combination frame.

Pass-through size (mm) W x H:  
355 x 32.5

Nameplate size (mm) W x H: 85 x 16

Mounting depth (mm): 117

Height of structure (mm): 6

Dimensions (mm) W x H x D:

399 x 399 x 123



### AFM 611-4/4-0

Delivery compartment module with removal door at the front to be used for purposes such as a compartment for deliveries by baker, milkman etc. Removal door made of plastic-coated or painted aluminium, torsion-resistant, hard-wearing, concealed hinges made of plastic.

With top sealing lip and convenient turn-lock fastener. The opening door is automatically stopped at a pre-determined angle. Module made of foam plastic, with rack. The square shape permits mounting in letterbox housings BGU/BGA 611-... with fastening facility at the combination frame.

Suitable for external installation.

Mounting depth (mm): 117

Height of structure (mm): 18

Dimensions (mm) W x H x D:

399 x 399 x 135



### ZE/KS/KSF 611-0

Ground element accessory for concreting into the ground made of stable, hot-dip galvanized sectional steel, ground flange with M 10 thread for fixture of communication pedestals KSF 613/616-..., KS 613/616-... or LS 604/608-...

Depending on the type of pedestal, the ground element accessory can be turned by 180°.

Dimensions (mm) W x H x D:

191 x 505 x 210



### ZE/SR 611-0

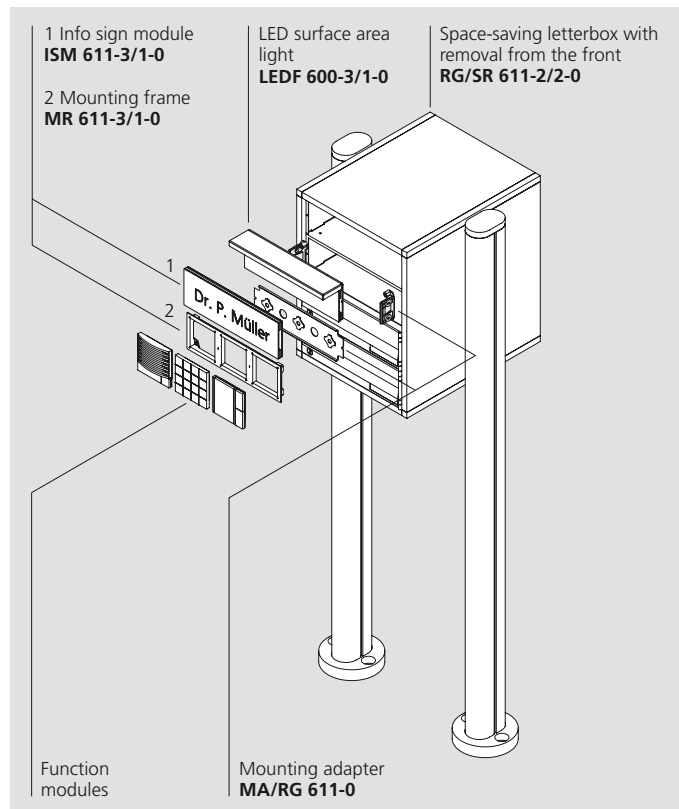
Ground element accessory for concreting into the ground made of stable, hot-dip galvanized sectional steel with internal cable opening and floor flange and welded-on nuts for fixture of the relevant standpipe.

Dimensions (mm) W x H x D:

220 x 505 x 200

**Siedle Vario**  
**Free-standing letterboxes for front removal**  
**Space-saving letterbox with standpipe**

**Product description**



Housings RG/SR are ideally suited for accommodating spacious, convenient letterboxes in a minimum of space. Despite their compact design, the letterboxes comply with DIN EN 13724 and offer sufficient space for large DIN C4 envelopes, newspapers, catalogues and other bulky post items. Depending on requirements, combination is possible with info sign modules ISM, LED surface area lights LEDF and square Vario function modules.

The letterboxes are supplied as standard completely with letterflap, anti-pilfer device nameplate 16 x 78 mm, protection of stored mail against the ingress of moisture, are right-hanging and with a lock permanently mounted in the housing.

**Please note:**

Alongside the standard height of 100 mm, space-saving letterboxes are also available if required in the heights 200 and 300 mm.

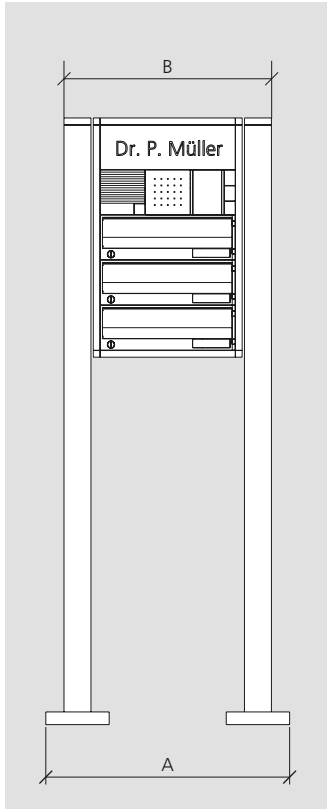
**Scope of supply**

Free-standing variants are fitted as standard with a 1.30 m long standpipe and a floor flange for screw fastening. Any required mounting hardware such as heavy-duty dowels and screws are provided with the delivery. A cable channel integrated in the left standpipe offers sufficient space for cable routing.

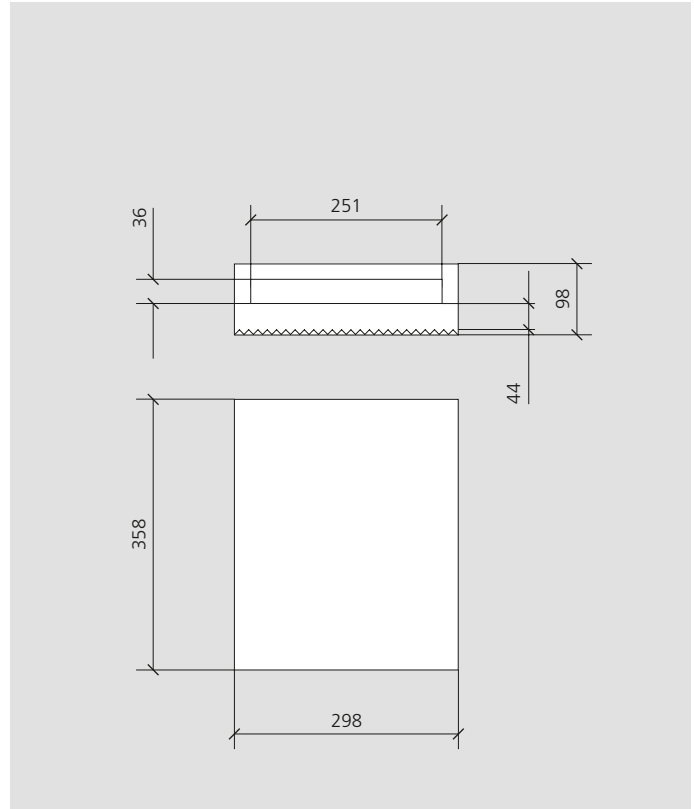
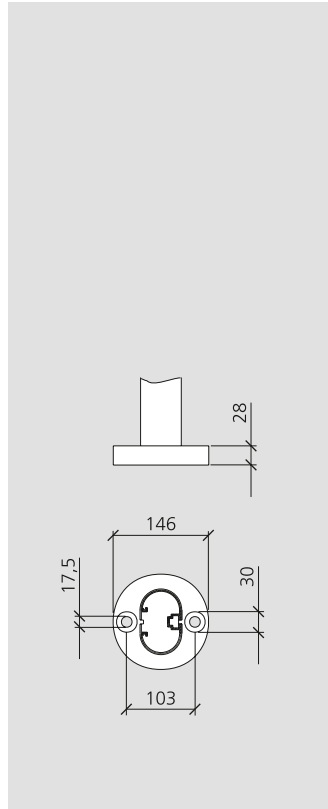
Alternatively, cable routing in the right-hand standpipe, special lengths of 1.60 m or 1.90 m in height and standpipes designed to be set in concrete can be supplied on request.



## Dimensions



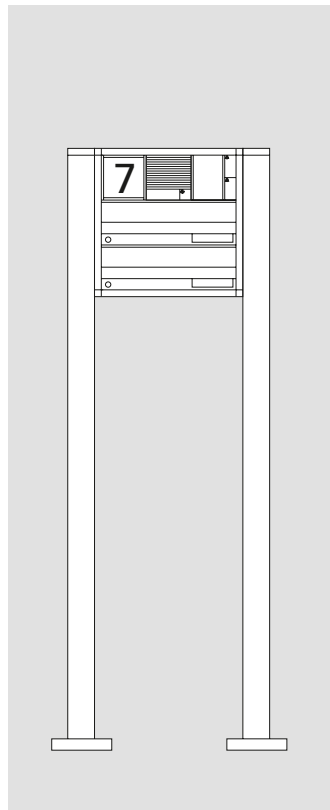
All dimensions in mm



Compartment size/all inside dimensions in mm

**Siedle Vario**  
**Free-standing letterboxes for front removal**  
**Space-saving letterbox with standpipe**

**Order examples**

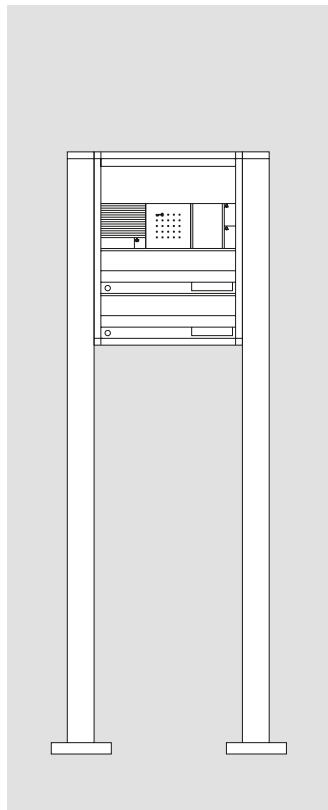


**In-Home bus**

1 RG/SR 611-2/1  
 1 IM 612-0  
 1 BTLM 650-04  
 1 BTM 650-02  
 1 MR 611-3/1-0  
 1 MA/RG 611-0

**1+n technology**

1 RG/SR 611-2/1  
 1 IM 612-0  
 1 TLM 612-02  
 1 TM 612-2  
 1 MR 611-3/1-0  
 1 MA/RG 611-0

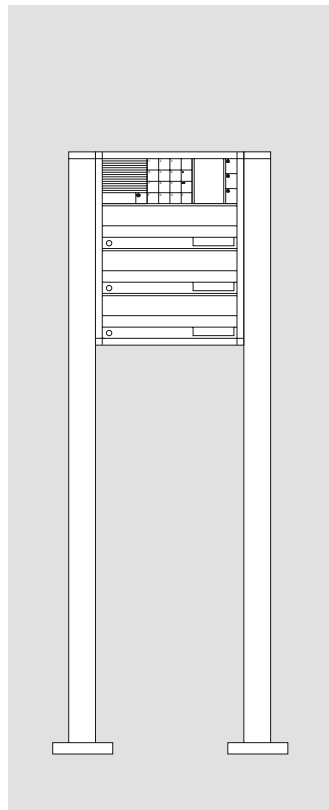


**In-Home bus**

1 RG/SR 611-2/2  
 1 LEDF 600-3/1-0  
 1 BTLM 650-04  
 1 ELM 611-01  
 2 EKC 601-0 (3 pcs.)  
 1 BTM 650-02  
 1 MR 611-3/1-0  
 2 MA/RG 611-0

**1+n technology**

1 RG/SR 611-2/2  
 1 LEDF 600-3/1-0  
 1 TLM 612-02  
 1 ELM 611-01  
 2 EKC 601-0 (3 pcs.)  
 1 TM 612-2  
 1 MR 611-3/1-0  
 2 MA/RG 611-0

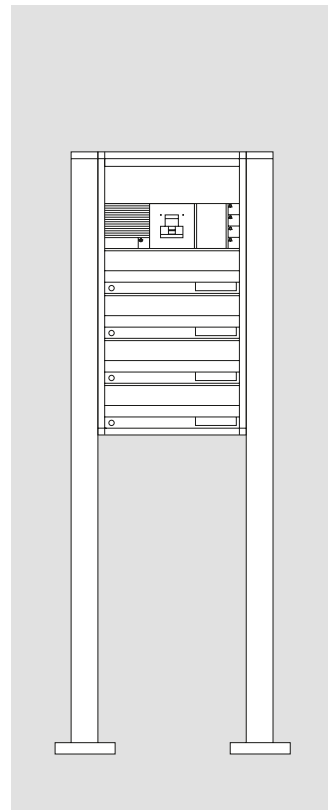


**In-Home bus**

1 RG/SR 611-3/1  
 1 COM 611-02  
 1 BTLM 650-04  
 1 BTM 650-03  
 1 MR 611-3/1-0  
 1 MA/RG 611-0

**1+n technology**

1 RG/SR 611-3/1  
 1 TLM 612-02  
 1 COM 611-02  
 1 TM 612-3  
 1 MR 611-3/1-0  
 1 MA/RG 611-0



**In-Home bus**

1 RG/SR 611-4/2  
 1 LEDF 600-3/1-0  
 1 BTLM 650-04  
 1 FPM 611-02  
 1 BTM 650-04  
 1 MR 611-3/1-0  
 2 MA/RG 611-0

**1+n technology**

1 RG/SR 611-4/2  
 1 LEDF 600-3/1-0  
 1 TLM 612-02  
 1 FPM 611-02  
 1 TM 612-4  
 1 MR 611-3/1-0  
 2 MA/RG 611-0

**System components**



**MR 611-3/1-0**

Mounting frame made of zinc die-cast, to accommodate 3 function modules. Suitable for vertical or horizontal mounting. With quick-release screws for flush-mount housing and Siedle Vario key.  
 Dimensions (mm) W x H x D:  
 99.5 x 299.5 x 17



**MA/RG 611-0**

A mounting adapter/space-saving housing for fixture of module terminal blocks and mounting frame MR 611-3/1-... in housing RGA 611-..., RG/SR 611-... and RG/KSF 611-... is required for each line of modules. Composed of 1 pair of mounting brackets, screws and fixing plate.



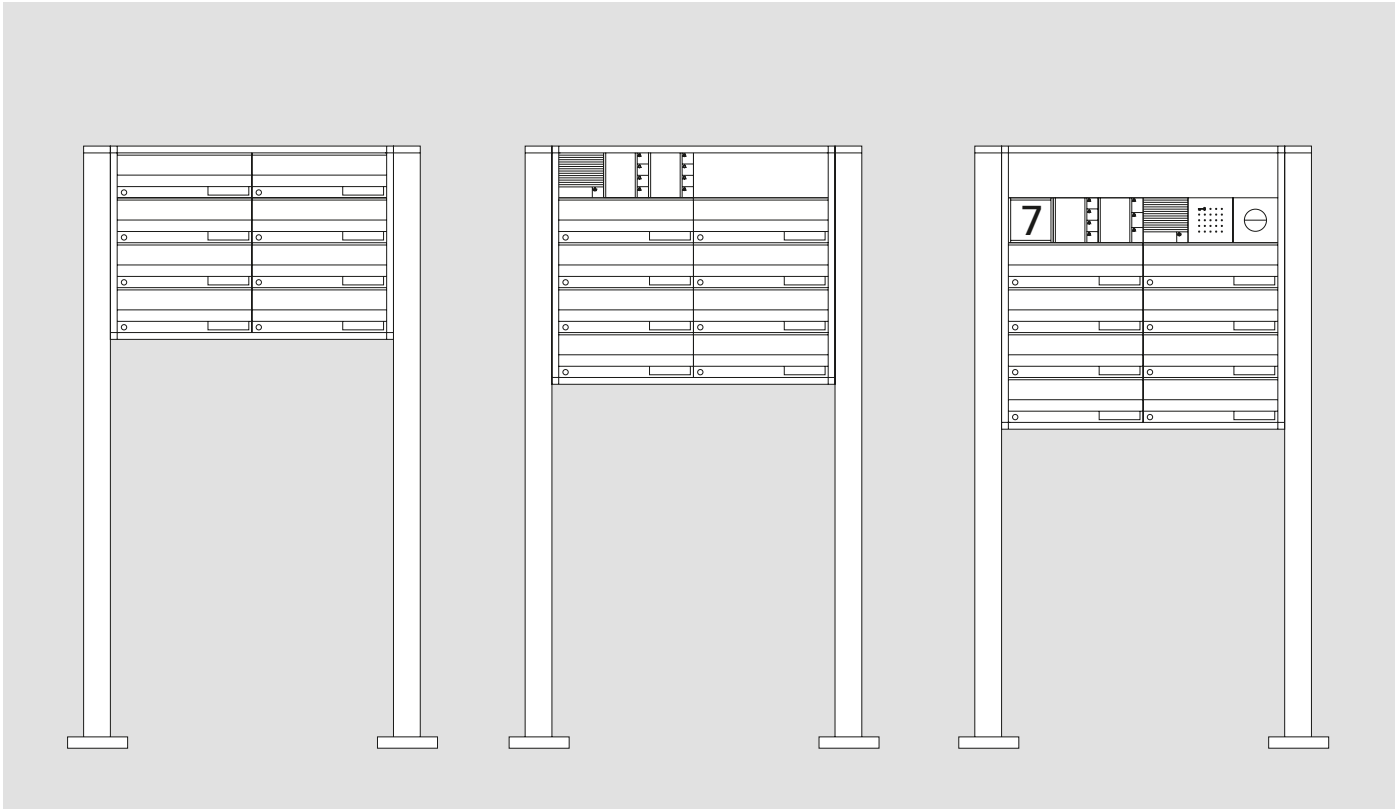
**ZE/SR 611-0**

Ground element accessory for concreting into the ground made of stable, hot-dip galvanized sectional steel with internal cable opening and floor flange and welded-on nuts for fixture of the relevant standpipe.  
 Dimensions (mm) W x H x D:  
 220 x 505 x 200



**ZVM/KSA 611-0**

The connecting sleeve accessory ZVM/ KSA 611-... is used as a transfer point in line with VDE regulations for the user's 230 V / 110 V mains to the BG/ SR 611-..., KSA 6... and RG/SR 611-... Mounting and accommodation in the cable channel of the standpipe or KSA. Screw union: for 5 x 2.5<sup>2</sup> according to VDE 0606  
 Dimensions (mm) dia. x H: 30 x 85

**System-independent**

1 RG/SR 611-8/0

**In-Home bus**

1 RG/SR 611-8/2  
 1 BTLM 650-04  
 2 BTM 650-04  
 1 ISM 611-3/1-0  
 1 MR 611-3/1-0  
 1 MA/RG 611-0

**1+n technology**

1 RG/SR 611-8/2  
 1 TLM 612-02  
 2 TM 612-4  
 1 ISM 611-3/1-0  
 1 MR 611-3/1-0  
 1 MA/RG 611-0

**Please get in touch with us to  
 discuss the many varied possibilities  
 available.**

See page 368

**MA/LEDF 600-0**

Mounting adapter LED surface area light  
 to hold terminal blocks when an  
 LEDF 600-... is mounted in housing  
 BGA 611-..., BG/KSF 611-..., BG/SR  
 611-... or in the info sign housing of a  
 KSF 61x.

Fixture using the supplied adhesive tape.

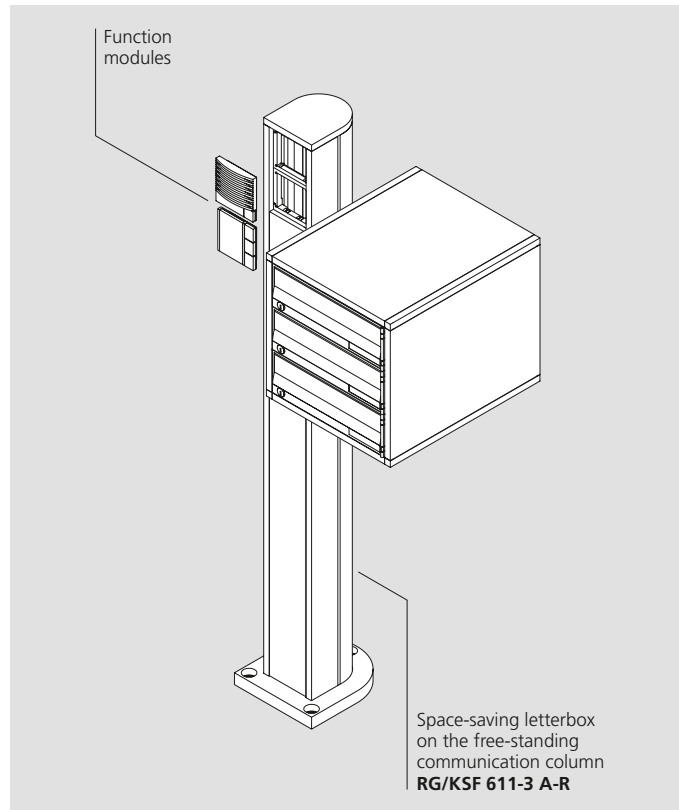
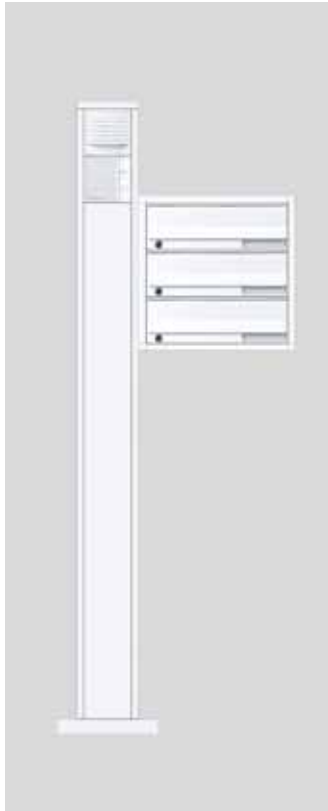
Dimensions (mm) W x H x D:

56 x 56 x 5.5

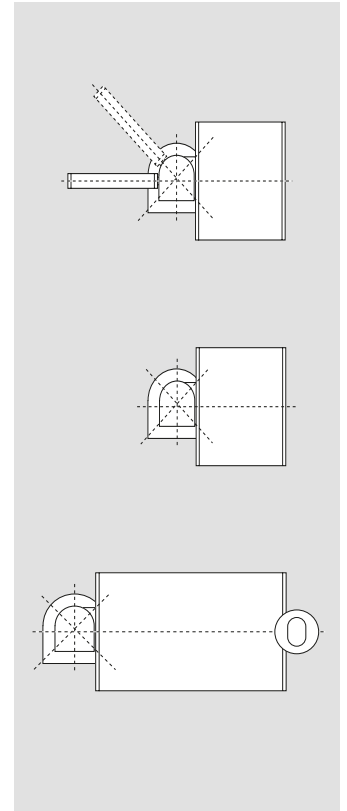
**Specifications space-saving letterboxes**

Designation	Dimensions (mm) W x H x D	Dimensions A (mm)	Dimensions B (mm)	Weight (kg)
RG/SR 611-2/1-0...	547 x 1344 x 400	547	461	49.0
RG/SR 611-2/2-0...	547 x 1344 x 400	547	461	51.0
RG/SR 611-3/1-0...	547 x 1344 x 400	547	461	52.5
RG/SR 611-4/2-0...	547 x 1344 x 400	547	461	54.0
RG/SR 611-8/0-0...	847 x 1344 x 400	847	761	67.5
RG/SR 611-8/2-0...	847 x 1344 x 400	847	761	71.0

## Product description

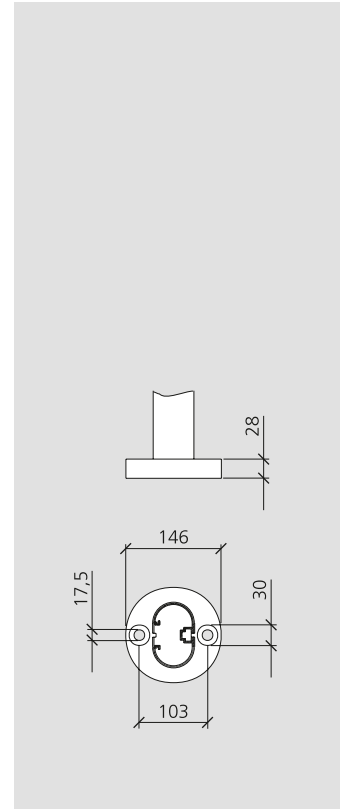
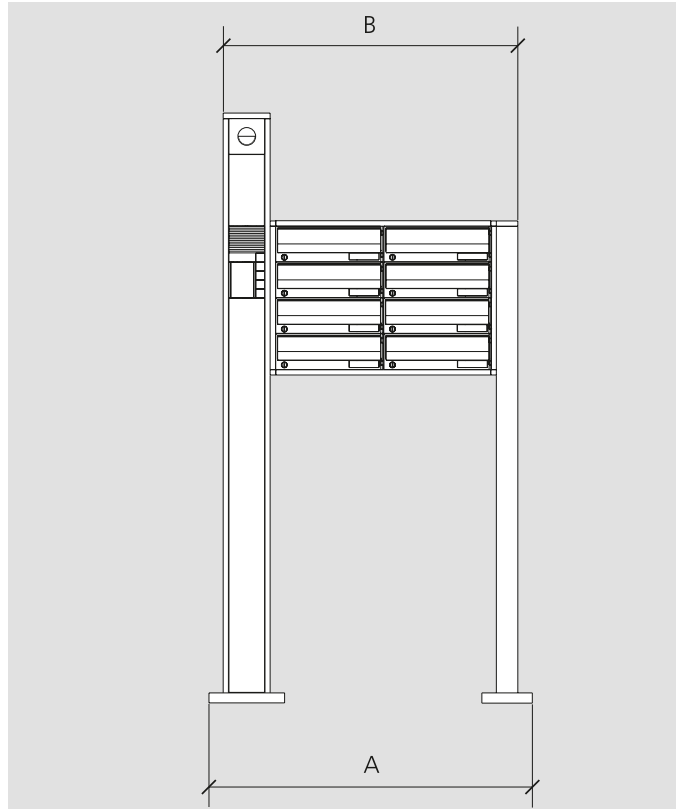
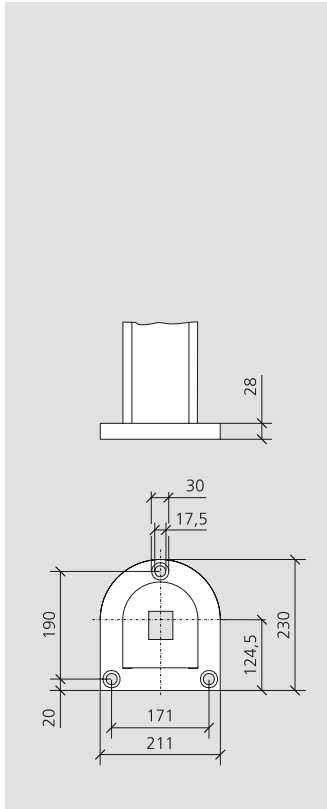


The communication pedestal in combination with space-saving letterboxes: A complete reception centre requiring minimal space and affording maximum flexibility. The letterbox housing can be attached in five positions, and the pedestal places all the functional elements at just the right ergonomic height. The pedestal can also be simply extended to include an info sign – even as a retrofit solution.



**The various planning possibilities**  
 Letterboxes or info signs are positioned at 5 angles spaced 45° apart at the right height on the free-standing pedestal. This possibility of creating three-dimensional configurations allows you to design your own orientation or signage system.

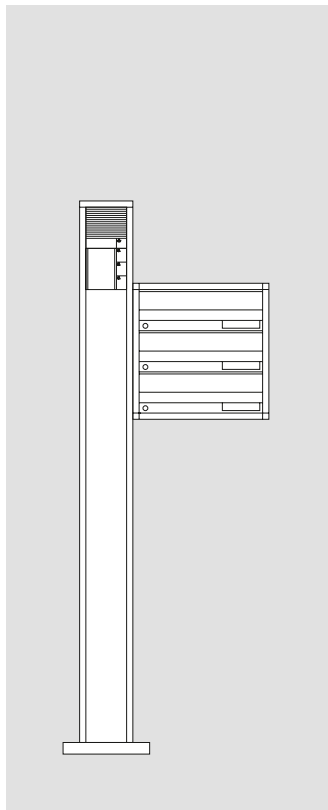
## Dimensions



Dimensional drawing/Dimensions in mm  
 Cut-out for cable entry: 50 x 60 mm  
 Profile KSF 61x: 131 x 150 mm

Siedle Vario  
Free-standing letterboxes  
for front removal  
Space-saving letterboxes with communication pedestals

Order examples

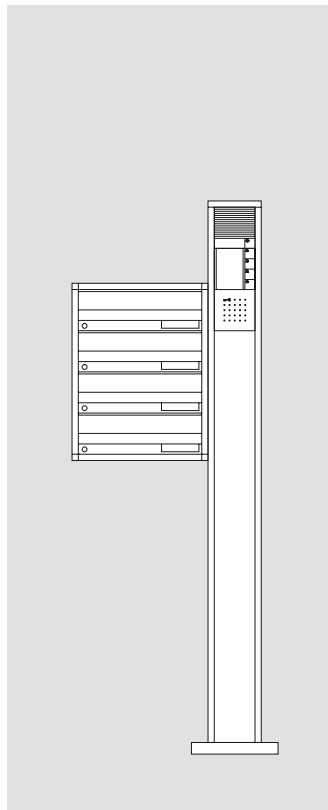


**In-Home bus**

1 RG/KSF 611-3 A-R  
1 BTLM 650-04  
1 BTM 650-03

**1+n technology**

1 RG/KSF 611-3 A-R  
1 TLM 612-02  
1 TM 612-3

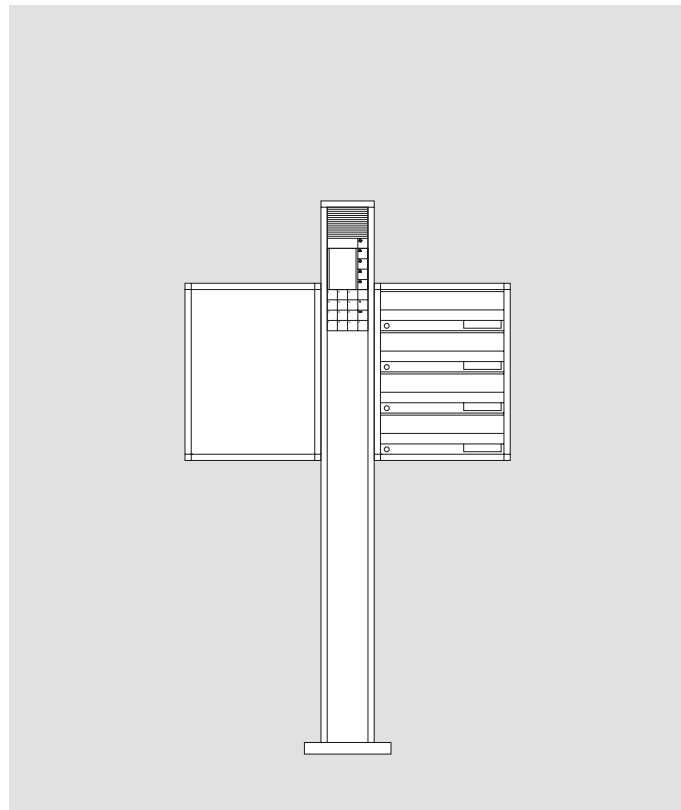


**In-Home bus**

1 RG/KSF 611-4 B-L  
1 BTLM 650-04  
1 BTM 650-04  
1 ELM 611-01  
4 EKC 601-0 (3 pcs.)

**1+n technology**

1 RG/KSF 611-4 B-L  
1 TLM 612-02  
1 TM 612-4  
1 ELM 611-01  
4 EKC 601-0 (3 pcs.)



**In-Home bus**

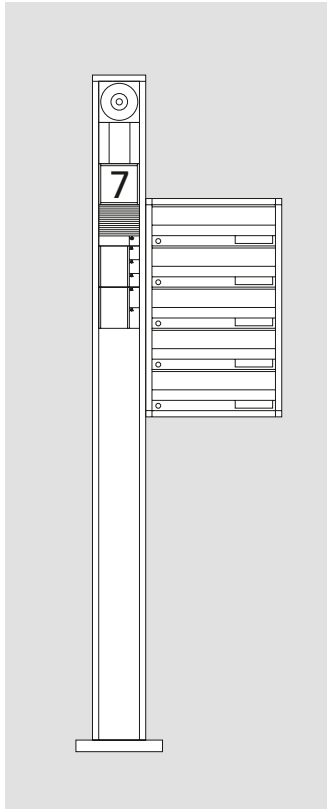
1 RG/KSF 611-44 B-R  
1 BTLM 650-04  
1 BTM 650-04  
1 COM 611-02  
1 ISM 611-4/3-0

**1+n technology**

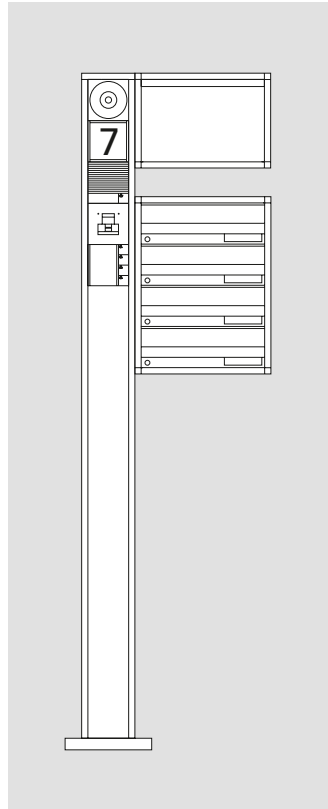
1 RG/KSF 611-44 B-R  
1 TLM 612-02  
1 TM 612-4  
1 COM 611-02  
1 ISM 611-4/3-0

**Specifications Pedestals + letterboxes**

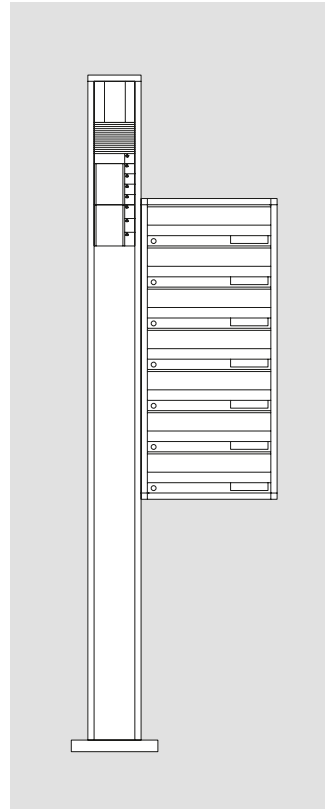
Designation	Dimensions (mm) W x H x D	Dimensions A (mm)	Dimensions B (mm)	Weight (kg)
RG/KSF 611-3 A-R	506 x 1344 x 400	—	467	54.0
RG/KSF 611-4 B-L	506 x 1344 x 400	—	467	57.2
RG/KSF 611-42 L-R	506 x 1644 x 400	—	467	62.5
RG/KSF 611-44 B-R	803 x 1344 x 400	—	467	62.3
RG/KSF 611-5 M-R	506 x 1644 x 400	—	467	62.4
RG/KSF 611-70 K-R	506 x 1644 x 400	—	467	68.7
RG/KSF 611-100 M-R	916 x 1644 x 400	894	833	76.6



**In-Home bus**  
1 RG/KSF 611-5 M-R  
1 BCMC 650-0  
1 LEDS 600-0  
1 IM 612-0  
1 BTLM 650-04  
1 BTM 650-03  
1 BTM 650-02



**In-Home bus**  
1 RG/KSF 611-42 L-R  
1 BCMC 650-0  
1 IM 612-0  
1 BTLM 650-04  
1 FPM 611-02  
1 BTM 650-04  
1 LEDF 600-3/2-0  
1 MA/LEDF 600-0

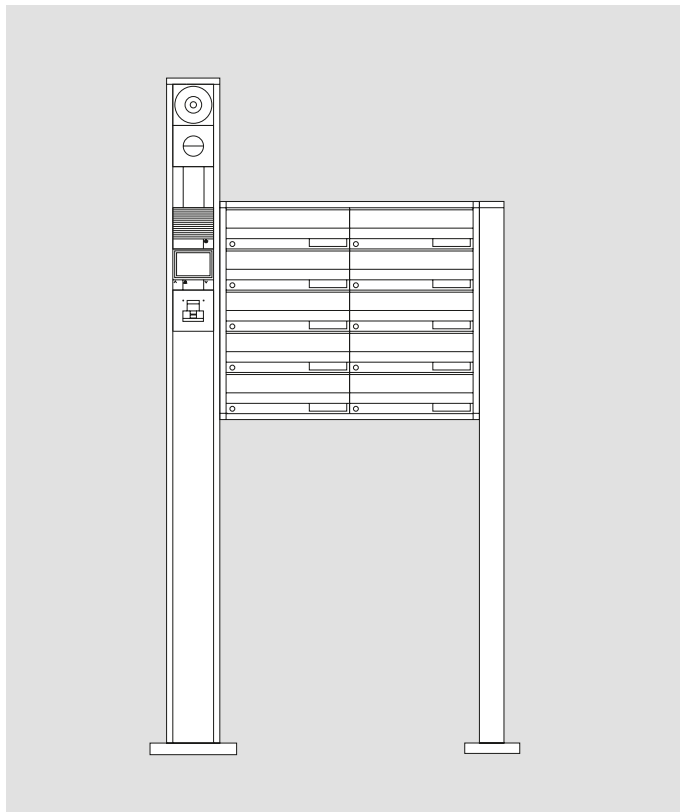


**In-Home bus**  
1 RG/KSF 611-70 K-R  
1 LEDS 600-0  
1 BTLM 650-04  
1 BTM 650-04  
1 BTM 650-03

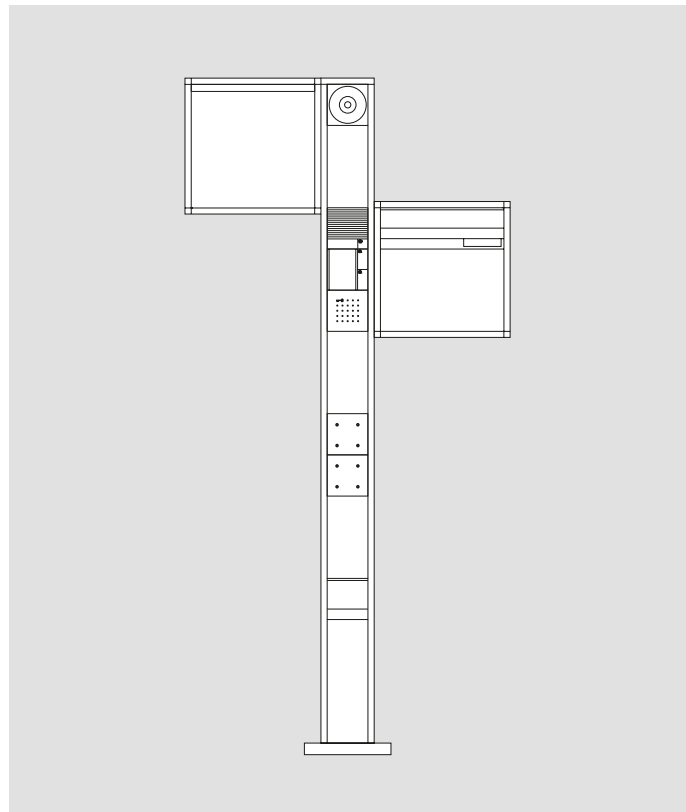
**1+n technology**  
1 RG/KSF 611-70 K-R  
1 LEDS 600-0  
1 TLM 612-02  
1 TM 612-4  
1 TM 612-3

Siedle Vario  
Free-standing letterboxes for front removal  
Space-saving letterboxes with communication pedestals

Order examples



**In-Home bus**  
1 RG/KSF 611-100 M-R  
1 BCMC 650-0  
1 BMM 611-0  
1 LEDS 600-0  
1 BTLM 650-04  
1 DRM 611-01  
1 FPM 611-02



**Please get in touch with us to  
discuss the many varied possibilities  
available.**  
See page 368



## System components



### **ZE/SR 611-0**

Ground element accessory for concreting into the ground made of stable, hot-dip galvanized sectional steel with internal cable opening and floor flange and welded-on nuts for fixture of the relevant standpipe.

Dimensions (mm) W x H x D:  
220 x 505 x 200



### **ZE/KS/KSF 611-0**

Ground element accessory for concreting into the ground made of stable, hot-dip galvanized sectional steel, ground flange with M 10 thread for fixture of communication pedestals KSF 613/616-..., KS 613/616-... or LS 604/608-...

Depending on the type of pedestal, the ground element accessory can be turned by 180°.

Dimensions (mm) W x H x D:  
191 x 505 x 210



### **MA/LEDF 600-0**

Mounting adapter LED surface area light to hold terminal blocks when an LEDF 600-... is mounted in housing BGA 611-..., BG/KSF 611-..., BG/SR 611-... or in the info sign housing of a KSF 61x.

Fixture using the supplied adhesive tape.  
Dimensions (mm) W x H x D:  
56 x 56 x 5.5

### Quotation service

**Fax to: +49 7723 63-72451**

Simply copy, fill in and fax to  
your local representative!

International Sales  
Phone +49 7723 63-451  
Fax +49 7723 63-72451  
E-mail: quotation@siedle.com

Please draw up a quotation  
with design suggestions (re-  
commended Siedle retail price  
exclusive of VAT).

### From

Company

Contact person

Street

Postal code, city

Phone

Fax

E-mail

Place and date

Building project

### 1. Selecting letterboxes

- ☐ Masonry pass-through  
letterboxes
- ☐ Letterboxes with  
communication pedestal
- ☐ Front removal
- ☐ Rear removal
- ☐ Space-saving letterboxes with  
communication pedestal
- ☐ Front removal
- ☐ Rear removal
- ☐ Letterboxes, front removal
- ☐ Flush-mounted
- ☐ Surface-mounted
- ☐ Free-standing
- ☐ Letterboxes, rear removal
- ☐ Free-standing
- ☐ Space-saving letterboxes
- ☐ Surface-mounted
- ☐ Free-standing  
Front removal
- ☐ Free-standing  
Rear removal
- Letterbox height
- ☐ 100 mm
- ☐ 200 mm
- ☐ 300 mm

### 2. Selecting function modules

Door loudspeaker module for

- ☐ 1+n technology
- ☐ In-Home bus
- ☐ Access
- ☐ DoorCom-IP
- Call button modules
- ☐ with 1 button
- ☐ with 2 buttons
- ☐ with 3 buttons
- ☐ with 4 buttons
- ☐ IM 612-0  
Info module
- ☐ BM 611-0  
Dummy module
- ☐ BMM 611-0  
Movement sensor module
- ☐ DRM 611-01  
Display call module
- ☐ COM 611-02  
Code lock module
- ☐ ELM 611-01  
Easikey read module
- ☐ FPM 611-02  
Fingerprint module
- ☐ Colour Camera Module  
(Video in conjunction with  
1+n technology not  
possible)
- ☐ KLM 611-0  
Card reader retainer  
module
- ☐ LEDS 600-0  
LED spot

- ☐ LEDM 600-0  
LED light module
- ☐ LEDF 600-\_\_\_ / \_\_\_-0  
LED surface area light
- ☐ SM 611-01  
Lock module
- ☐ SDM 600-0  
Socket module
- ☐ ZAM 600-0  
Status display
- Info sign module(s)
- ISM 611-\_\_\_ / \_\_\_
- ISM 611-\_\_\_ / \_\_\_
- ISM 611-\_\_\_ / \_\_\_

### 3. Selection of colour

- ☐ White
- ☐ Silver metallic
- ☐ High gloss white
- ☐ High gloss black
- ☐ Micaceous amber
- ☐ Micaceous dark grey
- ☐ Special RAL colour
- \_\_\_ more details

Quoted prices refer solely to  
the letterbox system. Switch  
panel mounting units and  
indoor devices such as in-house  
telephones etc. are not taken  
into consideration.

### Other requirements/remarks

**Quotation service**  
**Fax to: +49 7723 63-72451**

Simply copy, fill in and fax to  
your local representative!

International Sales  
Phone +49 7723 63-451  
Fax +49 7723 63-72451  
E-mail: quotation@siedle.com

Please draw up a quotation  
with design suggestions (rec-  
ommended Siedle retail price  
exclusive of VAT).

**From**

---

Company

---

Contact person

---

Street

---

Postal code, city

---

Phone

---

Fax

---

E-mail

---

Place and date

---

Building project

---

Please sketch in the grid:


- Required colour**
- ☐ White W
  - ☐ Silver metallic SM
  - ☐ High gloss white WH
  - ☐ High gloss black SH
  - ☐ Micaceous amber BG
  - ☐ Micaceous dark grey DG
  - ☐ Special RAL colour  
(please provide more detailed  
information)

Quoted prices refer solely to  
the letterbox system. Switch  
panel mounting units and  
indoor devices such as in-house  
telephones etc. are not taken  
into consideration.

**Please note:**  
We regret that no return deliv-  
eries of custom-produced items  
and products of series BG/  
KSF 6... and RG/KSF 6... can  
be accepted.

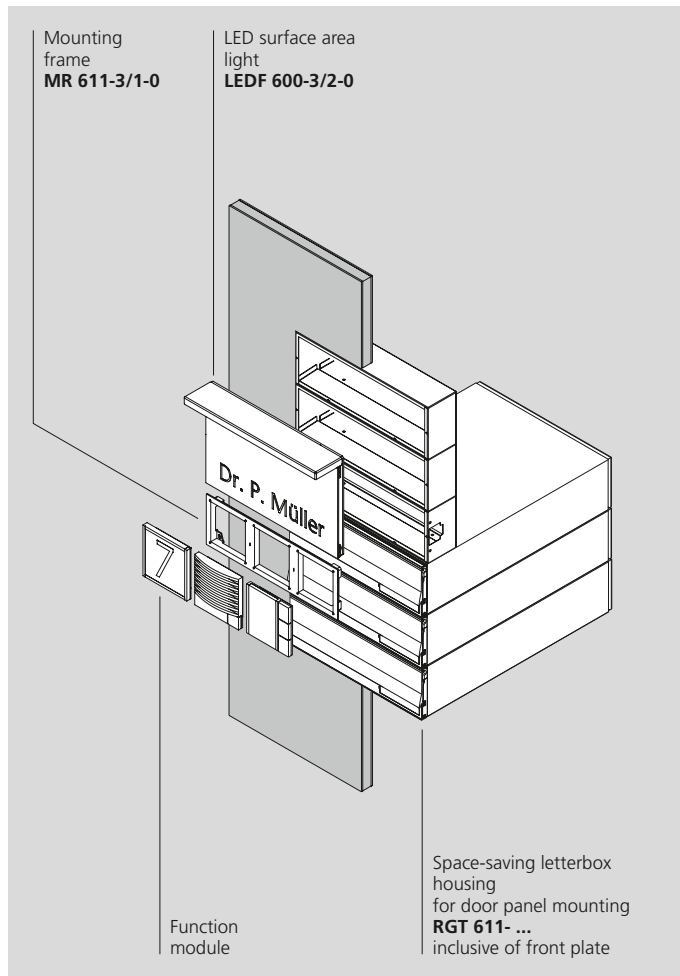




**Siedle Vario**  
**Letterboxes – Door panel**

Product description	128
Dimensions	129
Application examples	130
Quotation service Siedle door panel letterboxes	132

## Product description



RGT 611-... space-saving letterboxes are mounted as a compact unit into door side panels. The letterboxes are available in heights of 100, 200 and 300 mm, which can be combined individually in a letterbox system.

Each of the offered heights conforms to the postal standard DIN EN 13724.

As with all the Vario systems, the Siedle door panel mounting system permits integration of the whole range of modular units: Lighting, information, speech function, video camera, or – particularly handy directly next to the door – a code lock module.

Siedle space-saving letterboxes for door panel mounting are supplied from the factory completely with letterbox housing, letterflap, anti-pilfer device and 24 mm thick thermally insulated front plate in an aluminium sandwich material. All function modules, mounting frames, info sign modules and LED lights are ordered separately in the usual way. The front plate and letterbox are coated in the standard

colour white, RAL 9016 or can be painted in any optional non-standard colour.

Please note that all metallic paints can demonstrate marked differences in some cases to doors painted in the same colour due to the necessary wet painting technique used.

### Delivery time

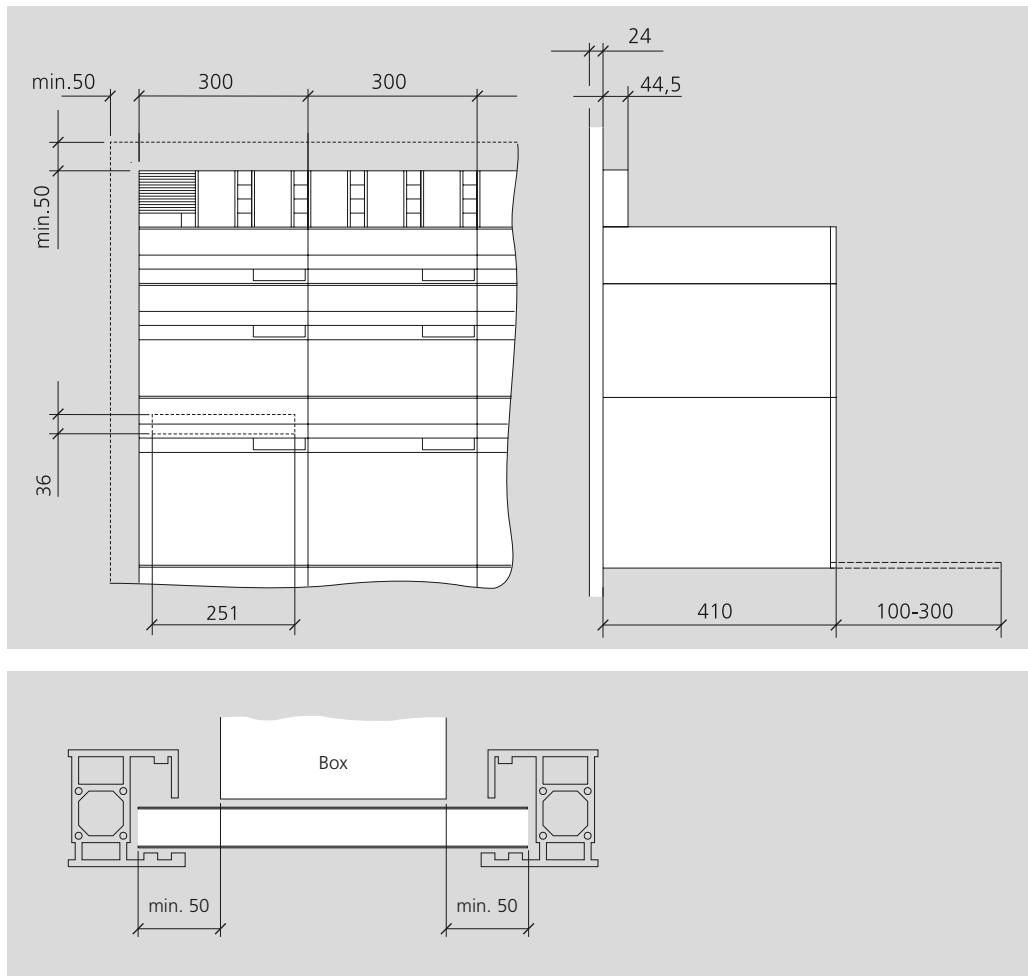
White 4 weeks, non-standard colours appr. 6-8 weeks after clarification of technical details.

### Vertical letterboxes

The non-standard door panel solution from Siedle is also available with a vertical letterbox.

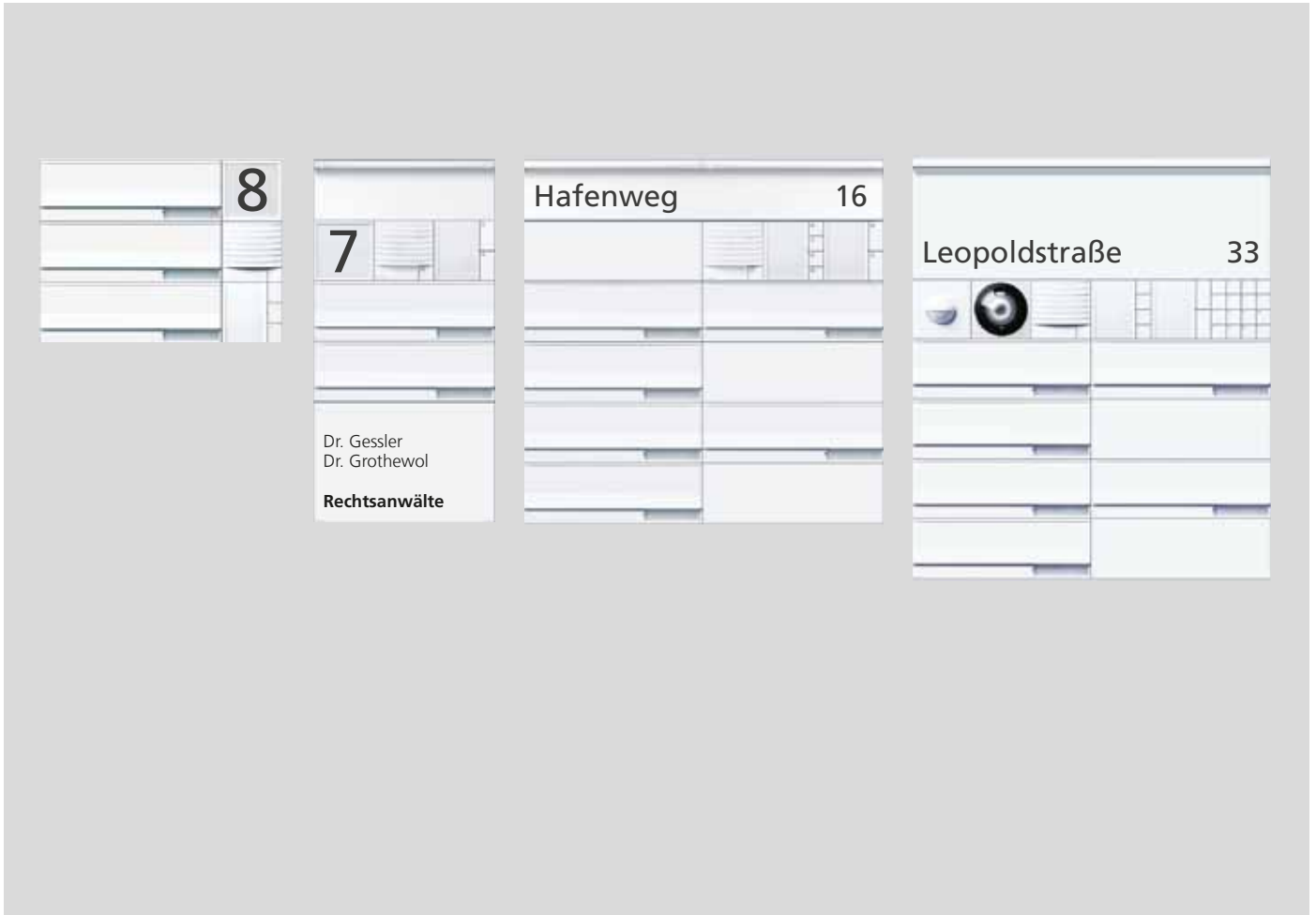
Door panel mounting for installation in wood cut-outs with top-mounted combination frame on request.

## Dimensions



All dimensions in mm

## Application examples



**Fig. left:**  
Compact letterbox unit for small apartment complexes. The function modules are arranged at the side within easy reach of the front door.

**Fig. centre left**  
Living and working under one roof: Separate post for the private apartment and the solicitors' offices. The front cover of the roomy office letterbox doubles up as a company sign. This is included in the scope of delivery and does not need to be separately ordered. The LED surface area light provides the perfect lighting ambience for the door station.

**Fig. centre right**  
A prestigious solution for a combined residential and office building. The commercially used apartments are equipped with large letterboxes 200 mm in height. The fronts of the large letterboxes can be inscribed and are also exchangeable. These are included in the scope of delivery and do not need to be separately ordered.

**Fig. right:**  
Same letterbox system, totally different communication requirement. Access control by code lock and movement sensor module for light actuation provide optimum security and convenience.





### Quotation service

**Fax to: +49 7723 63-72451**

Simply copy, fill in and fax to  
your local representative!

International Sales  
Phone +49 7723 63-451  
Fax +49 7723 63-72451  
E-mail: quotation@siedle.com

Please draw up a quotation  
with design suggestions (re-  
commended Siedle retail price  
exclusive of VAT).

### From

Company

Contact person

Street

Postal code, city

Phone

Fax

E-mail

Place and date

Building project

### 1. Selecting letterboxes

Overall depth 400 mm

\_\_\_ Letterboxes 300 x 100 mm

\_\_\_ Letterboxes 300 x 200 mm

\_\_\_ Letterboxes 300 x 300 mm

Overall depth 300 mm

\_\_\_ Letterboxes 400 x 100 mm

\_\_\_ Letterboxes 400 x 200 mm

\_\_\_ Letterboxes 400 x 300 mm

Overall depth 150 mm

\_\_\_ Letterboxes 400 x 400 mm

### 2. Selecting function modules

Door loudspeaker module for

☐ 1+n technology

☐ In-Home bus

☐ Access

☐ DoorCom-IP

Call button modules

\_\_\_ with 1 button

\_\_\_ with 2 buttons

\_\_\_ with 3 buttons

\_\_\_ with 4 buttons

☐ IM 612-0  
Info module

☐ BM 611-0  
Dummy module

☐ BMM 611-0  
Movement sensor module

☐ DRM 611-01  
Display call module

☐ COM 611-02  
Code lock module

☐ ELM 611-01  
Easikey read module

☐ FPM 611-02  
Fingerprint module

☐ Colour Camera Module  
(Video is not possible in  
conjunction with 1+n  
technology)

☐ KLM 611-0  
Card reader retainer  
module

☐ LEDS 600-0  
LED spot

☐ LEDM 600-0  
LED light module

☐ LEDF 600-\_\_\_ / \_\_\_-0  
LED surface area light

☐ SM 611-01  
Lock module

☐ ZAM 600-0  
Status display

Info sign module(s)

ISM 611-\_\_\_ / \_\_\_

ISM 611-\_\_\_ / \_\_\_

ISM 611-\_\_\_ / \_\_\_

### 3. Designing the front plate

☐ Front panel in mm

Width: \_\_\_\_\_

Height: \_\_\_\_\_

Positioning of the letterbox  
system in the front panel  
(seen from the front):

☐ Centred

Distance from edge in mm:

☐ Top

☐ Bottom

☐ Left

☐ Right

Cable inlet

(seen from the front):

☐ Left

☐ Right

☐ Both sides

### 4. Selection of colour

Colour of the front panel  
(front and back)

Colour of the letterbox housing

Quotation service  
Fax to: +49 7723 63-72451

Simply copy, fill in and fax to  
your local representative!

International Sales  
Phone +49 7723 63-451  
Fax +49 7723 63-72451  
E-mail: quotation@siedle.com

Please draw up a quotation  
with design suggestions (rec-  
ommended Siedle retail price  
exclusive of VAT).

From

Company

Contact person

Street

Postal code, city

Phone

Fax

E-mail

Place and date

Building project

Please sketch in the grid:


Other requirements/remarks

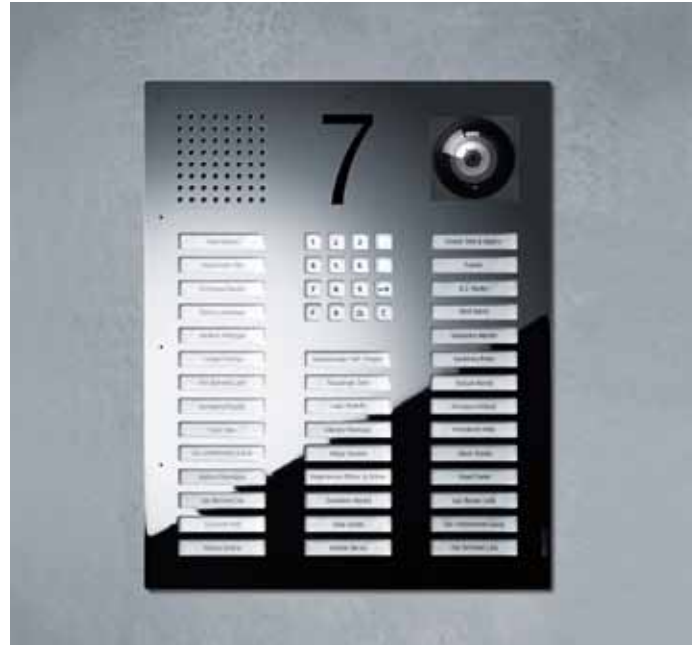




## Siedle Classic

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## Overview



### New Modular metal

The Classic product line has been significantly extended in 2012. Siedle Classic is now a modular system with a broad range of functions and a substantially enlarged application spectrum. Audio and video communication functions have now been joined by letterboxes, access control and movement sensor modules. Standard systems available from stock cover the majority of needs. Special requirements in terms of design and functionality are fulfilled on request by our Electronic Special Department in a similar way to the familiar service provided for Siedle Vario.

The familiar features characterizing the Classic design line have been retained by the new system:

- The solidity and luxurious quality of solid metal
- The unique characteristic design signature
- The outstanding quality of the materials and workmanship
- The material and surface finish options
- Flush mounting
- Delivery of pre-assembled complete systems including housing



#### Versatile button options

From top to bottom:

- Configuration as light button
- Standard button made of transparent highly resistant plastic
- Engraved metal button (Siedle lettering service)
- Engraved metal button with black facing (Siedle lettering service)
- Blank metal button (accessory)

Siedle Classic is supplied as standard with plastic buttons. These can be simply upgraded by optional metal buttons available as accessories.



#### Market launch and delivery date

Door stations available from August 2012.

Letterbox systems available from October 2012.

#### Concealed fixture

The fixing screws are recessed and concealed from view. A seal protects against the penetration of moisture.

#### New buttons

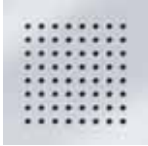
Although the nameplate buttons have no visible means of fixture, they can still be easily opened from the front. The engraved solid metal button available as an accessory affords even greater protection against vandalism.



#### Damped letter flap

The letter flap closes with gently damped action, putting a stop to annoying rattling noises and ensuring that the flap stays firmly shut even in high winds.

## Function overview



### Intercom system

Electro-acoustically optimized communication, ideally protected behind the continuous stainless steel front.



### Buttons

- Exchangeable from the front
- Light button, illuminated, in plastic
- Call button, illuminated, in plastic
- Call button, engraved metal with black facing
- Call button, blank metal



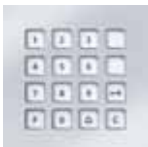
### Status display

Optical display of operating status in addition to the acoustic acknowledgement signal: Four backlit LED symbols signal the different statuses: „Call“, „Not available“, „Speech“ and „Door release“.



### House number

Inscription in UV-resistant film. The film cannot be removed from the surface without inflicting damage.



### Code lock

Control centre for access, light and everything with a switching function. Backlit input buttons, acoustic input control.



### Electronic key reader

Proximity door release, with keys available in the form of cards or key rings.



### Fingerprint

Safe, simple, convenient: The finger acts as a key. Climate-resistant, suitable for outdoor use. For up to 100 users.



### Key-operated switch

Seamless integration of all standard profile half-cylinders.



### Video camera

Mechanically adjustable wide-angle lens with integrated lighting and automatic day/night switchover.



### Movement sensor with photoelectric switch

Reacts to people and/or ambient brightness and switches on functions such as the light.



### Letterbox with front removal

Pass-through flap and removal door in the same material as the front panel, opening towards the front.



### Pass-through letterbox

Solid pass-through flap in the same material as the front panel. The mail drops into a shaft and is removed from inside the building. Available in two sizes.





## Materials and surface finishes



### Brushed stainless steel

All Classic door stations feature a solid, two millimetre thick front panel. They are made of quenched and tempered V4A stainless steel, natural finish and brushed.



### Brass look

Under the high-gloss surface with the characteristic charm of brass is solid stainless steel. It is polished and a coating applied which lends it a high-grade tarnish protection.



### High gloss chrome

V4A stainless steel with high gloss chrome coloured coating.



### Burnished brass

This material lends a traditional note to modern design. Colour inconsistencies, blemishes and a characteristic patina are among the natural properties of this material. These do not influence the functional characteristics or life of the system.



### Aluminium

Anodized in natural aluminium colour (EV1)



### Painted stainless steel

If required we can supply Siedle Classic in any required RAL shade (standard degree of gloss silk matt) or with a structured micaceous paintwork finish. The substrate is stainless steel, the paintwork finishes and workmanship comply with the most stringent durability and resistance requirements for outdoor use.

### Please note:

Delivery times and prices of the standard systems, are available in the current price list. For the form sheet "Quotation service Siedle Classic" please see page 164.

### Please note:

The function modules are always configured in a black silk matt finish for Siedle Classic. The material and design options refer exclusively to the metal fronts.

### Note

Other materials and surface finishes are available on request. Please get in touch with us to discuss the many varied possibilities available.

## Audio door stations for 1+n technology and In-Home bus

Classic door stations are supplied as complete pre-assembled systems including the housing for flush mounting. They only need to be wired on site. The standard buttons are LED backlit. The plates are exchanged from the front. If required, a call button can be used as a potential-free light button. Alternatively, buttons made of solid metal are available as accessories.

The audio door station is available as standard in 171 millimetre width with a maximum of eight buttons. By special order, the dimensions can be increased in modular grid steps to accommodate additional buttons.

The delivery periods for the depicted standard variants are provided in the current price list. Prices and delivery times for non-standard sizes can be obtained directly from Siedle.



**In-Home bus**  
**CL A 01 B-02 plug+play**  
**1+n technology**  
**CL A 01 N-02**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 1 call button with backlit nameplate, exchangeable from the front.

Ambient temperature: -20°C to +55°C

Dimensions housing (mm) W x H x D:

154 x 204 x 65

Dimensions front panel (mm) W x H x D:

171 x 224 x 2



**In-Home bus**  
**CL A 02 B-02 plug+play**  
**1+n technology**  
**CL A 02 N-02**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 2 call buttons with backlit nameplates, exchangeable from the front.

Ambient temperature: -20°C to +55°C

Dimensions housing (mm) W x H x D:

154 x 231 x 65

Dimensions front panel (mm) W x H x D:

171 x 250 x 2



**In-Home bus**  
**CL A 03 B-02 plug+play**  
**1+n technology**  
**CL A 03 N-02**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 3 call buttons with backlit nameplates, exchangeable from the front.

Ambient temperature: -20°C to +55°C

Dimensions housing (mm) W x H x D:

154 x 257 x 65

Dimensions front panel (mm) W x H x D:

171 x 277 x 2



### **ZNSM/CL-02**

Metal Classic accessory nameplate made of brushed stainless steel, without engraving, for exchange against standard installed backlit nameplate.

You can have your nameplate inscribed on site by an engraver.

Alternatively the button can be ordered ready engraved by our lettering service, optionally with black facing.



In-Home bus  
**CL A 04 B-02 plug+play**  
 1+n technology  
**CL A 04 N-02**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 4 call buttons with backlit nameplates, exchangeable from the front.

Ambient temperature: -20°C to +55°C

Dimensions housing (mm) W x H x D:

154 x 283 x 65

Dimensions front panel (mm) W x H x D:

171 x 303 x 2



In-Home bus  
**CL A 05 B-02 plug+play**  
 1+n technology  
**CL A 05 N-02**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 5 call buttons with backlit nameplates, exchangeable from the front.

Ambient temperature: -20°C to +55°C

Dimensions housing (mm) W x H x D:

154 x 310 x 65

Dimensions front panel (mm) W x H x D:

171 x 329 x 2



In-Home bus  
**CL A 06 B-02 plug+play**  
 1+n technology  
**CL A 06 N-02**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 6 call buttons with backlit nameplates, exchangeable from the front.

Ambient temperature: -20°C to +55°C

Dimensions housing (mm) W x H x D:

154 x 336 x 65

Dimensions front panel (mm) W x H x D:

171 x 356 x 2



In-Home bus  
**CL A 08 B-02 plug+play**  
 1+n technology  
**CL A 08 N-02**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 8 call buttons with backlit nameplates, exchangeable from the front.

Ambient temperature: -20°C to +55°C

Dimensions housing (mm) W x H x D:

154 x 388 x 65

Dimensions front panel (mm) W x H x D:

171 x 408 x 2

### Market launch and delivery date

Door stations available from August 2012.

## Video door stations for In-Home bus

Classic door stations are supplied as complete pre-assembled systems including the housing for flush mounting. They only need to be wired on site. The standard buttons are LED backlit. The plates are exchanged from the front. If required, a call button can be used as a potential-free light button. Alternatively, buttons made of solid metal are available as accessories. The technical specifications of the camera correspond to the Vario module BCMC. If required, an electromagnetic locking device can be installed as a pilfer safeguard. The video door station is available as standard in 171 millimetre width with a maximum of four buttons. By special order, the dimensions can be increased in modular grid steps to accommodate additional buttons.

The delivery periods for the depicted standard variants are provided in the current price list. Prices and delivery times for non-standard sizes can be obtained directly from Siedle.

Please make use of our quotation service.



### In-Home bus

#### CL V 01 B-02 plug+play

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 1 call button with backlit nameplate, exchangeable from the front, camera with integrated infrared lighting. Technically speaking, the camera corresponds to the vario modul BCMC.

Ambient temperature: -20°C to +40°C  
 Dimensions housing (mm) W x H x D:  
 154 x 336 x 65  
 Dimensions front panel (mm) W x H x D:  
 171 x 356 x 2



### In-Home bus

#### CL V 02 B-02 plug+play

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 2 call buttons with backlit nameplates, exchangeable from the front, camera with integrated infrared lighting. Technically speaking, the camera corresponds to the vario modul BCMC.

Ambient temperature: -20°C to +40°C  
 Dimensions housing (mm) W x H x D:  
 154 x 362 x 65  
 Dimensions front panel (mm) W x H x D:  
 171 x 382 x 2



### In-Home bus

#### CL V 03 B-02 plug+play

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 3 call buttons with backlit nameplates, exchangeable from the front, camera with integrated infrared lighting. Technically speaking, the camera corresponds to the vario modul BCMC.

Ambient temperature: -20°C to +40°C  
 Dimensions housing (mm) W x H x D:  
 154 x 388 x 65  
 Dimensions front panel (mm) W x H x D:  
 171 x 408 x 2



#### In-Home bus

##### **CL V 04 B-02 plug+play**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 4 call buttons with backlit nameplates, exchangeable from the front, camera with integrated infrared lighting. Technically speaking, the camera corresponds to the vario modul BCMC.

Ambient temperature: -20°C to +40°C

Dimensions housing (mm) W x H x D:

154 x 415 x 65

Dimensions front panel (mm) W x H x D:

171 x 435 x 2



##### **ZNSM/CL-02**

Metal Classic accessory nameplate made of brushed stainless steel, without engraving, for exchange against standard installed backlit nameplate.

You can have your nameplate inscribed on site by an engraver.

Alternatively the button can be ordered ready engraved by our lettering service, optionally with black facing.



##### **ZDS/CL**

Anti-pilfer accessory for mounting in the Siedle Classic door station as a concealed electromagnetic locking mechanism to secure the mounting screws.

This can be mounted in any system with one or more function modules, in vertical arrangement.

With anti-pilfer controller SDSC 602-01 in switch panel housing, for actuation of the anti-pilfer accessory ZDS/CL (for 1 pair), with status LED.

Operating voltage: 12 V AC

Operating current: max. 850 mA

Protection system: IP 20

Ambient temperature:

SDSC 602-01, 0°C to +40°C

Locking, -20°C to +55°C

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

SDSC 602-01, 53.5 x 89 x 60

Locking, 25 x 70 x 32

#### **Market launch and delivery date**

Door stations available from August 2012.

**New****Audio door station with supplementary functions**

We offer popular function combinations to cover a majority of requirements in the standard product range from stock. For prices and delivery periods, please refer to the valid price list. Requested configurations which deviate from the standard are offered as non-standard solutions.

Please make use of our quotation service.



**In-Home bus**  
**CL ABMM 01 B-02 plug+play**  
 1+n technology  
**CL ABMM 01 N-02**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 1 call button with backlit nameplate, exchangeable from the front. A movement sensor module is also integrated with a horizontal pick-up angle of max. 180°. Ambient temperature: -20°C to +55°C  
 Dimensions housing (mm) W x H x D: 154 x 336 x 65  
 Dimensions front panel (mm) W x H x D: 171 x 356 x 2



**In-Home bus**  
**CL ABMM 02 B-02 plug+play**  
 1+n technology  
**CL ABMM 02 N-02**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 2 call buttons with backlit nameplate, exchangeable from the front. A movement sensor module is also integrated with a horizontal pick-up angle of max. 180°. Ambient temperature: -20°C to +55°C  
 Dimensions housing (mm) W x H x D: 154 x 362 x 65  
 Dimensions front panel (mm) W x H x D: 171 x 382 x 2



**In-Home bus**  
**CL AFPM 01 B-02 plug+play**  
 1+n technology  
**CL AFPM 01 N-02**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 1 call button with backlit nameplate, exchangeable from the front. A fingerprint reader can also be integrated as an access control system with LED. Ambient temperature: -20°C to +55°C  
 Dimensions housing (mm) W x H x D: 154 x 336 x 65  
 Dimensions front panel (mm) W x H x D: 171 x 356 x 2



**In-Home bus**  
**CL ACOM 01 B-02 plug+play**  
 1+n technology  
**CL ACOM 01 N-02**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 1 call button with backlit nameplate, exchangeable from the front. A code lock module is also integrated for access control and control functions. Ambient temperature: -20°C to +55°C  
 Dimensions housing (mm) W x H x D: 154 x 336 x 65  
 Dimensions front panel (mm) W x H x D: 171 x 356 x 2



**In-Home bus**  
**CL ACOM 02 B-02 plug+play**  
 1+n technology  
**CL ACOM 02 N-02**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 2 call buttons with backlit nameplate, exchangeable from the front. A code lock module is also integrated for access control and control functions. Ambient temperature: -20°C to +55°C  
 Dimensions housing (mm) W x H x D: 154 x 362 x 65  
 Dimensions front panel (mm) W x H x D: 171 x 382 x 2



**In-Home bus**  
**CL AELM 01 B-02 plug+play**  
 1+n technology  
**CL AELM 01 N-02**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 1 call button with backlit nameplate, exchangeable from the front. An electronic key reader is also integrated as a no-contact access control system with function LED. Ambient temperature: -20°C to +55°C  
 Dimensions housing (mm) W x H x D: 154 x 336 x 65  
 Dimensions front panel (mm) W x H x D: 171 x 356 x 2



**In-Home bus**  
**CL AELM 02 B-02 plug+play**  
 1+n technology  
**CL AELM 02 N-02**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 2 call buttons with backlit nameplate, exchangeable from the front. An electronic key reader is also integrated as a no-contact access control system with function LED. Ambient temperature: -20°C to +55°C  
 Dimensions housing (mm) W x H x D: 154 x 362 x 65  
 Dimensions front panel (mm) W x H x D: 171 x 382 x 2





In-Home bus  
**CL AFPM 02 B-02** plug+play  
 1+n technology  
**CL AFPM 02 N-02**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 2 call buttons with backlit nameplate, exchangeable from the front. A fingerprint reader can also be integrated as an access control system with LED.

Ambient temperature: -20°C to +55°C  
 Dimensions housing (mm) W x H x D:  
 154 x 362 x 65  
 Dimensions front panel (mm) W x H x D:  
 171 x 382 x 2



In-Home bus  
**CL ASM 01 B-02** plug+play  
 1+n technology  
**CL ASM 01 N-02**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 1 call button with backlit nameplate, exchangeable from the front. A key-operated switch is also integrated to control gates / roller doors, driveways, garages etc. complete with two touch contacts, but without locking cylinder.

Ambient temperature: -20°C to +55°C  
 Dimensions housing (mm) W x H x D:  
 154 x 336 x 65  
 Dimensions front panel (mm) W x H x D:  
 171 x 356 x 2



In-Home bus  
**CL ASM 02 B-02** plug+play  
 1+n technology  
**CL ASM 02 N-02**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 2 call buttons with backlit nameplate, exchangeable from the front. A key-operated switch is also integrated to control gates / roller doors, driveways, garages etc. complete with two touch contacts, but without locking cylinder.

Ambient temperature: -20°C to +55°C  
 Dimensions housing (mm) W x H x D:  
 154 x 362 x 65  
 Dimensions front panel (mm) W x H x D:  
 171 x 382 x 2



#### ZNSM/CL-02

Metal Classic accessory nameplate made of brushed stainless steel, without engraving, for exchange against standard installed backlit nameplate.

You can have your nameplate inscribed on site by an engraver.

Alternatively the button can be ordered ready engraved by our lettering service, optionally with black facing.



#### ZDS/CL

Anti-pilfer accessory for mounting in the Siedle Classic door station as a concealed electromagnetic locking mechanism to secure the mounting screws.

This can be mounted in any system with one or more function modules, in vertical arrangement.

With anti-pilfer controller SDSC 602-01 in switch panel housing, for actuation of the anti-pilfer accessory ZDS/CL (for 1 pair), with status LED.

Operating voltage: 12 V AC  
 Operating current: max. 850 mA

Protection system: IP 20

Ambient temperature:

SDSC 602-01, 0°C to +40°C

Locking, -20°C to +55°C

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

SDSC 602-01, 53.5 x 89 x 60

Locking, 25 x 70 x 32

#### Market launch and delivery date

Door stations available from August 2012.

**New****Video door stations with supplementary functions**

We offer popular function combinations to cover a majority of requirements in the standard product range from stock. For prices and delivery periods, please refer to the valid price list. Requested configurations which deviate from the standard are offered as non-standard solutions.

Please make use of our quotation service.

**In-Home bus****CL VBMM 01 B-02 plug+play**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 1 call button with backlit nameplate, exchangeable from the front, camera with integrated infrared lighting. A movement sensor module is also integrated with a horizontal pick-up angle of max.180°. Ambient temperature: -20°C to +40°C  
Dimensions housing (mm) W x H x D: 154 x 468 x 65  
Dimensions front panel (mm) W x H x D: 171 x 488 x 2

**In-Home bus****CL VBMM 02 B-02 plug+play**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 2 call buttons with backlit nameplate, exchangeable from the front, camera with integrated infrared lighting. A movement sensor module is also integrated with a horizontal pick-up angle of max.180°. Ambient temperature: -20°C to +40°C  
Dimensions housing (mm) W x H x D: 154 x 494 x 65  
Dimensions front panel (mm) W x H x D: 171 x 514 x 2

**In-Home bus****CL VFPM 01 B-02 plug+play**

Classic door station with stainless steel front, V4A brushed, with flush-mount housing made of hot dip galvanized sheet steel. Door loudspeaker, 1 call button with backlit nameplate, exchangeable from the front, camera with integrated infrared lighting. A fingerprint reader can also be integrated as an access control system with LED. Ambient temperature: -20°C to +40°C  
Dimensions housing (mm) W x H x D: 154 x 468 x 65  
Dimensions front panel (mm) W x H x D: 171 x 488 x 2

**In-Home bus****CL VCOM 01 B-02 plug+play**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 1 call button with backlit nameplate, exchangeable from the front, camera with integrated infrared lighting. A code lock module is also integrated for access control and control functions. Ambient temperature: -20°C to +40°C  
Dimensions housing (mm) W x H x D: 154 x 468 x 65  
Dimensions front panel (mm) W x H x D: 171 x 488 x 2

**In-Home bus****CL VCOM 02 B-02 plug+play**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 2 call buttons with backlit nameplate, exchangeable from the front, camera with integrated infrared lighting. A code lock module is also integrated for access control and control functions. Ambient temperature: -20°C to +40°C  
Dimensions housing (mm) W x H x D: 154 x 494 x 65  
Dimensions front panel (mm) W x H x D: 171 x 514 x 2

**In-Home bus****CL VELM 01 B-02 plug+play**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 1 call button with backlit nameplate, exchangeable from the front, camera with integrated infrared lighting. An electronic key reader is also integrated as a no-contact access control system with function LED. Ambient temperature: -20°C to +40°C  
Dimensions housing (mm) W x H x D: 154 x 468 x 65  
Dimensions front panel (mm) W x H x D: 171 x 488 x 2

**In-Home bus****CL VELM 02 B-02 plug+play**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 2 call buttons with backlit nameplate, exchangeable from the front, camera with integrated infrared lighting. An electronic key reader is also integrated as a no-contact access control system with function LED. Ambient temperature: -20°C to +40°C  
Dimensions housing (mm) W x H x D: 154 x 494 x 65  
Dimensions front panel (mm) W x H x D: 171 x 514 x 2

**In-Home bus****CL VFPM 02 B-02 plug+play**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 2 call buttons with backlit nameplate, exchangeable from the front, camera with integrated infrared lighting. A fingerprint reader can also be integrated as an access control system with LED.

Ambient temperature: -20°C to +40°C

Dimensions housing (mm) W x H x D:

154 x 494 x 65

Dimensions front panel (mm) W x H x D:

171 x 514 x 2

**In-Home bus****CL VSM 01 B-02 plug+play**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 1 call button with backlit nameplate, exchangeable from the front, camera with integrated infrared lighting. A key-operated switch is also integrated to control gates / roller doors, driveways, garages etc. complete with two touch contacts, but without locking cylinder.

Ambient temperature: -20°C to +40°C

Dimensions housing (mm) W x H x D:

154 x 468 x 65

Dimensions front panel (mm) W x H x D:

171 x 488 x 2

**In-Home bus****CL VSM 02 B-02 plug+play**

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Door loudspeaker, 2 call buttons with backlit nameplate, exchangeable from the front, camera with integrated infrared lighting. A key-operated switch is also integrated to control gates / roller doors, driveways, garages etc. complete with two touch contacts, but without locking cylinder.

Ambient temperature: -20°C to +40°C

Dimensions housing (mm) W x H x D:

154 x 494 x 65

Dimensions front panel (mm) W x H x D:

171 x 514 x 2

**ZNSM/CL-02**

Metal Classic accessory nameplate made of brushed stainless steel, without engraving, for exchange against standard installed backlit nameplate.

You can have your nameplate inscribed on site by an engraver.

Alternatively the button can be ordered ready engraved by our lettering service, optionally with black facing.

**ZDS/CL**

Anti-pilfer accessory for mounting in the Siedle Classic door station as a concealed electromagnetic locking mechanism to secure the mounting screws.

This can be mounted in any system with one or more function modules, in vertical arrangement.

With anti-pilfer controller SDSC 602-01 in switch panel housing, for actuation of the anti-pilfer accessory ZDS/CL (for 1 pair), with status LED.

Operating voltage: 12 V AC

Operating current: max. 850 mA

Protection system: IP 20

Ambient temperature:

SDSC 602-01, 0°C to +40°C

Locking, -20°C to +55°C

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

SDSC 602-01, 53.5 x 89 x 60

Locking, 25 x 70 x 32

**Market launch and delivery date**

Door stations available from August 2012.

## New

### Letterbox

#### Pass-through letter box

Letterboxes of the Classic design line can be used as separate components or in combination with additional functional modules. We offer letterbox systems in popular sizes and combinations as standard articles. Siedle letterboxes naturally comply with European standard DIN EN 13724.

Please make use of our quotation service.



#### CL BD2 01

Classic pass-through letterbox with pass-through flap and rear removal door. Front in brushed V4A stainless steel. Rear removal door in white, opening downwards, with cylinder lock, nameplate and inspection window. Suitable for mounting in masonry (dry masonry) made of hot-dip galvanized sheet steel, 0.8 mm, in inclined 45° model, extendable from 290 - 440 mm. Nameplate size (mm) W x H: 89 x 12. Dimensions front panel (mm) W x H x D: 312 x 171 x 2. Dimensions housing (mm) W x H x D: 293 x 131 x 290-440



#### CL BD2 02

Classic pass-through letterbox with 2 pass-through flaps and rear removal doors. Front in brushed V4A stainless steel. Rear removal door in white, opening downwards, with cylinder lock, nameplate and inspection window. Suitable for mounting in masonry (dry masonry) made of hot-dip galvanized sheet steel, 0.8 mm, in inclined 45° model, extendable from 290 - 440 mm. Nameplate size (mm) W x H: 89 x 12. Dimensions front panel (mm) W x H x D: 312 x 302 x 2. Dimensions housing (mm) W x H x D: 293 x 264 x 290-440

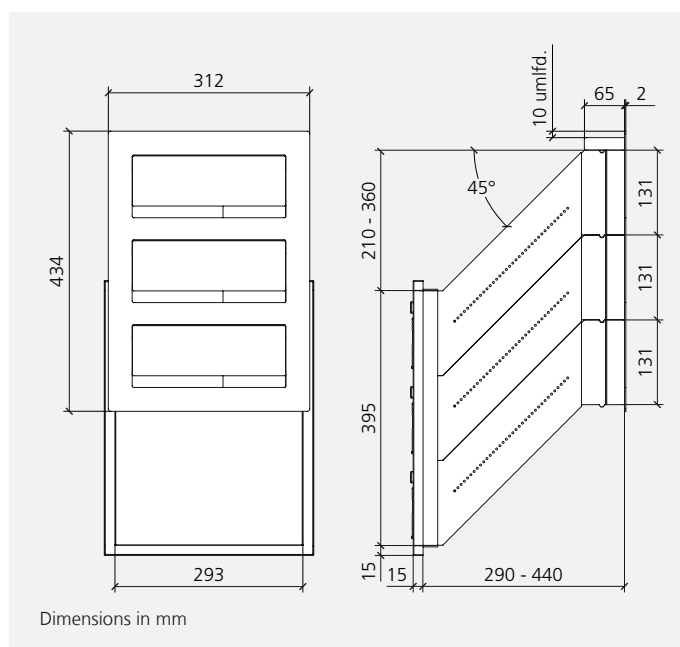


#### CL BD2 03

Classic pass-through letterbox with 3 pass-through flaps and rear removal doors. Front in brushed V4A stainless steel. Rear removal door in white, opening downwards, with cylinder lock, nameplate and inspection window. Suitable for mounting in masonry (dry masonry) made of hot-dip galvanized sheet steel, 0.8 mm, in inclined 45° model, extendable from 290 - 440 mm. Nameplate size (mm) W x H: 89 x 12. Dimensions front panel (mm) W x H x D: 312 x 434 x 2. Dimensions housing (mm) W x H x D: 293 x 395 x 290-440

## Market launch and delivery date

Letterbox systems available from October 2012.



#### Front panel:

- 2 mm V4A natural brushed steel or painted
  - Brass colour coating, high-gloss, base material V4A steel
  - Chrome colour coating, high-gloss, base material V4A steel
  - Aluminium, matt anodized EV1
  - Burnished brass
- Pass-through flap:
- With integrated damping action
  - Material as for the front panel 1.5 mm
- Pass-through letterbox
- 0.8 mm hot-dip galvanized sheet steel, 45° in inclined arrangement, extendable from 290 - 440 mm
  - Pass-through shaft 1 mm V4A steel
  - Rear removal door, opening downwards, with cylinder lock, nameplate and inspection window
  - 15 mm plaster frame all round

For more information on materials and surface finishes: see page 140.



#### CL BD3 01

Classic pass-through letterbox with pass-through flap and rear removal door. Front in brushed V4A stainless steel. Rear removal door in white, opening downwards, with cylinder lock, nameplate and inspection window. Suitable for mounting in masonry (dry masonry) made of hot-dip galvanized sheet steel, 0.8 mm, in inclined 45° model, extendable from 290 - 440 mm. Nameplate size (mm) W x H: 89 x 12. Dimensions front panel (mm) W x H x D: 466 x 185 x 2. Dimensions housing (mm) W x H x D: 433 x 131 x 290-440



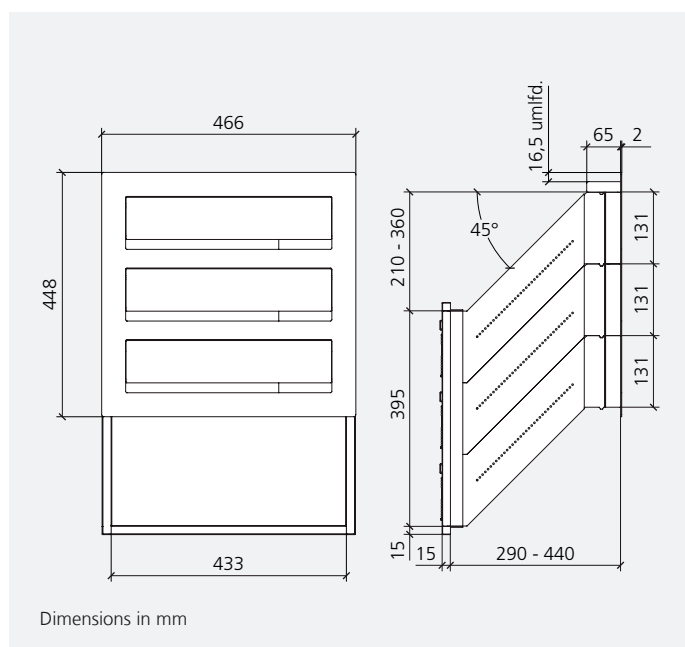
#### CL BD3 02

Classic pass-through letterbox with 2 pass-through flaps and rear removal doors. Front in brushed V4A stainless steel. Rear removal door in white, opening downwards, with cylinder lock, nameplate and inspection window. Suitable for mounting in masonry (dry masonry) made of hot-dip galvanized sheet steel, 0.8 mm, in inclined 45° model, extendable from 290 - 440 mm. Nameplate size (mm) W x H: 89 x 12. Dimensions front panel (mm) W x H x D: 466 x 316 x 2. Dimensions housing (mm) W x H x D: 433 x 264 x 290-440



#### CL BD3 03

Classic pass-through letterbox with 3 pass-through flaps and rear removal doors. Front in brushed V4A stainless steel. Rear removal door in white, opening downwards, with cylinder lock, nameplate and inspection window. Suitable for mounting in masonry (dry masonry) made of hot-dip galvanized sheet steel, 0.8 mm, in inclined 45° model, extendable from 290 - 440 mm. Nameplate size (mm) W x H: 89 x 12. Dimensions front panel (mm) W x H x D: 466 x 448 x 2. Dimensions housing (mm) W x H x D: 433 x 395 x 290-440



#### Front panel:

- 2 mm V4A natural brushed steel or painted
- Brass colour coating, high-gloss, base material V4A steel
- Chrome colour coating, high-gloss, base material V4A steel
- Aluminium, matt anodized EV1
- Burnished brass

#### Pass-through flap:

- With integrated damping action
- Material as for the front panel 1.5 mm
- Pass-through letterbox
- 0.8 mm hot-dip galvanized sheet steel, 45° in inclined arrangement, extendable from 290 - 440 mm
- Pass-through shaft 1 mm V4A steel
- Rear removal door, opening downwards, with cylinder lock, nameplate and inspection window
- 15 mm plaster frame all round

For more information on materials and surface finishes: see page 140.



At the back of the pass-through letterbox, the inspection window indicates immediately whether it is worth opening the box.

**New****Letterbox****Pass-through letterbox with audio/video door communication**

In many cases, it makes sense to combine letterboxes and door communication in a single location and a single housing. Popular sizes and combinations are listed on these pages as standard articles which can be ordered straight from stock. Siedle letterboxes naturally comply with European standard DIN EN 13724.

Please make use of our quotation service.



**In-Home bus**  
**CL BD2A 01 B-02 plug+play**  
**1+n technology**  
**CL BD2A 01 N-02**

Classic pass-through letterbox with pass-through flap and rear removal door. Door loudspeaker, 1 call button with backlit nameplate, exchangeable from the front. Rear removal door in white, opening downwards, with cylinder lock, nameplate and inspection window. Front in brushed V4A stainless steel. Suitable for mounting in masonry (dry masonry) made of hot-dip galvanized sheet steel, 0.8 mm, in inclined 45° model, extendable from 290 - 440 mm.  
Ambient temperature: -20°C to +55°C  
Nameplate size (mm) W x H: 89 x 12  
Dimensions front panel (mm) W x H x D: 312 x 302 x 2  
Dimensions housing (mm) W x H x D: 293 x 131 x 290-440



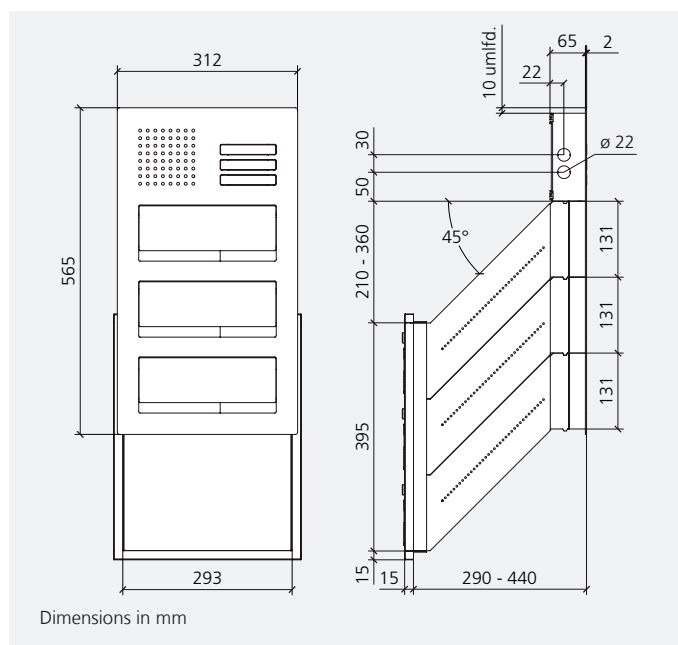
**In-Home bus**  
**CL BD2A 02 B-02 plug+play**  
**1+n technology**  
**CL BD2A 02 N-02**

Classic pass-through letterbox with 2 pass-through flaps and rear removal doors. Door loudspeaker, 2 call buttons with backlit nameplate, exchangeable from the front. Rear removal door in white, opening downwards, with cylinder lock, nameplate and inspection window. Front in brushed V4A stainless steel. Suitable for mounting in masonry (dry masonry) made of hot-dip galvanized sheet steel, 0.8 mm, in inclined 45° model, extendable from 290 - 440 mm.  
Ambient temperature: -20°C to +55°C  
Nameplate size (mm) W x H: 89 x 12  
Dimensions front panel (mm) W x H x D: 312 x 434 x 2  
Dimensions housing (mm) W x H x D: 293 x 264 x 290-440



**In-Home bus**  
**CL BD2A 03 B-02 plug+play**  
**1+n technology**  
**CL BD2A 03 N-02**

Classic pass-through letterbox with 3 pass-through flaps and rear removal doors. Door loudspeaker, 3 call buttons with backlit nameplate, exchangeable from the front. Rear removal door in white, opening downwards, with cylinder lock, nameplate and inspection window. Front in brushed V4A stainless steel. Suitable for mounting in masonry (dry masonry) made of hot-dip galvanized sheet steel, 0.8 mm, in inclined 45° model, extendable from 290 - 440 mm.  
Ambient temperature: -20°C to +55°C  
Nameplate size (mm) W x H: 89 x 12  
Dimensions front panel (mm) W x H x D: 312 x 565 x 2  
Dimensions housing (mm) W x H x D: 293 x 395 x 290-440

**Front panel:**

- 2 mm V4A natural brushed steel or painted
  - Brass colour coating, high-gloss, base material V4A steel
  - Chrome colour coating, high-gloss, base material V4A steel
  - Aluminium, matt anodized EV1
  - Burnished brass
- Pass-through flap:
- With integrated damping action
  - Material as for the front panel 1.5 mm
- Flush-mount housing
- 1.25 mm hot-dip galvanized sheet steel
- Pass-through letterbox
- 0.8 mm hot-dip galvanized sheet steel, 45° in inclined arrangement, extendable from 290 - 440 mm
  - Pass-through shaft 1 mm V4A steel
- Rear removal door, opening downwards, with cylinder lock, nameplate and inspection window
- 15 mm plaster frame all round

For more information on materials and surface finishes: see page 140.



**In-Home bus**  
**CL BD3A 01 B-02 plug+play**  
 1+n technology  
**CL BD3A 01 N-02**

Classic pass-through letterbox with pass-through flap and rear removal door. Door loudspeaker, 1 call button with backlit nameplate, exchangeable from the front. Rear removal door in white, opening downwards, with cylinder lock, nameplate and inspection window. Front in brushed V4A stainless steel. Suitable for mounting in masonry (dry masonry) made of hot-dip galvanized sheet steel, 0.8 mm, in inclined 45° model, extendable from 290 - 440 mm.  
 Ambient temperature: -20°C to +55°C  
 Nameplate size (mm) W x H: 89 x 12  
 Dimensions front panel (mm) W x H x D: 466 x 316 x 2  
 Dimensions housing (mm) W x H x D: 433 x 131 x 290-440



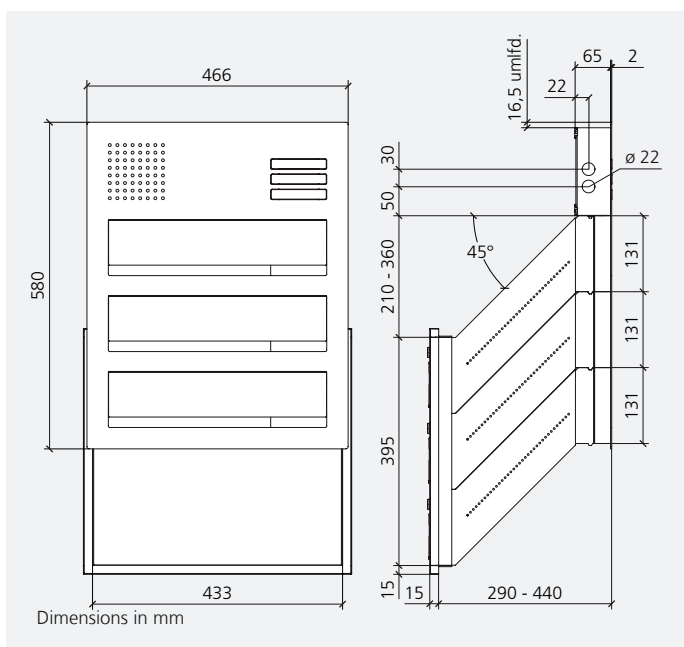
**In-Home bus**  
**CL BD3A 02 B-02 plug+play**  
 1+n technology  
**CL BD3A 02 N-02**

Classic pass-through letterbox with 2 pass-through flaps and rear removal doors. Door loudspeaker, 2 call buttons with backlit nameplate, exchangeable from the front. Rear removal door in white, opening downwards, with cylinder lock, nameplate and inspection window. Front in brushed V4A stainless steel. Suitable for mounting in masonry (dry masonry) made of hot-dip galvanized sheet steel, 0.8 mm, in inclined 45° model, extendable from 290 - 440 mm.  
 Ambient temperature: -20°C to +55°C  
 Nameplate size (mm) W x H: 89 x 12  
 Dimensions front panel (mm) W x H x D: 466 x 448 x 2  
 Dimensions housing (mm) W x H x D: 433 x 264 x 290-440



**In-Home bus**  
**CL BD3A 03 B-02 plug+play**  
 1+n technology  
**CL BD3A 03 N-02**

Classic pass-through letterbox with 3 pass-through flaps and rear removal doors. Door loudspeaker, 3 call buttons with backlit nameplate, exchangeable from the front. Rear removal door in white, opening downwards, with cylinder lock, nameplate and inspection window. Front in brushed V4A stainless steel. Suitable for mounting in masonry (dry masonry) made of hot-dip galvanized sheet steel, 0.8 mm, in inclined 45° model, extendable from 290 - 440 mm.  
 Ambient temperature: -20°C to +55°C  
 Nameplate size (mm) W x H: 89 x 12  
 Dimensions front panel (mm) W x H x D: 466 x 580 x 2  
 Dimensions housing (mm) W x H x D: 433 x 395 x 290-440



**ZNSM/CL-02**  
 Metal Classic accessory nameplate made of brushed stainless steel, without engraving, for exchange against standard installed backlit nameplate. You can have your nameplate inscribed on site by an engraver. Alternatively the button can be ordered ready engraved by our lettering service, optionally with black facing.



At the back of the pass-through letterbox, the inspection window indicates immediately whether it is worth opening the box.

**New****Letterbox****Pass-through letterbox with audio/video door communication**

In many cases, it makes sense to combine letterboxes and door communication in a single location and a single housing. Popular sizes and combinations are listed on these pages as standard articles which can be ordered straight from stock. Siedle letterboxes naturally comply with European standard DIN EN 13724.



Please make use of our quotation service.

**Market launch and delivery date**

Letterbox systems available from October 2012.

**In-Home bus****CL BD2V 01 B-02 plug+play**

Classic pass-through letterbox with pass-through flap and rear removal door. Door loudspeaker, 1 call button with backlit nameplate, exchangeable from the front, camera with integrated infrared lighting. Front in brushed V4A stainless steel. Rear removal door in white, opening downwards, with cylinder lock, nameplate and inspection window. Suitable for mounting in masonry (dry masonry) made of hot-dip galvanized sheet steel, 0.8 mm, in inclined 45° model, extendable from 290 - 440 mm.

Ambient temperature: -20°C to +40°C

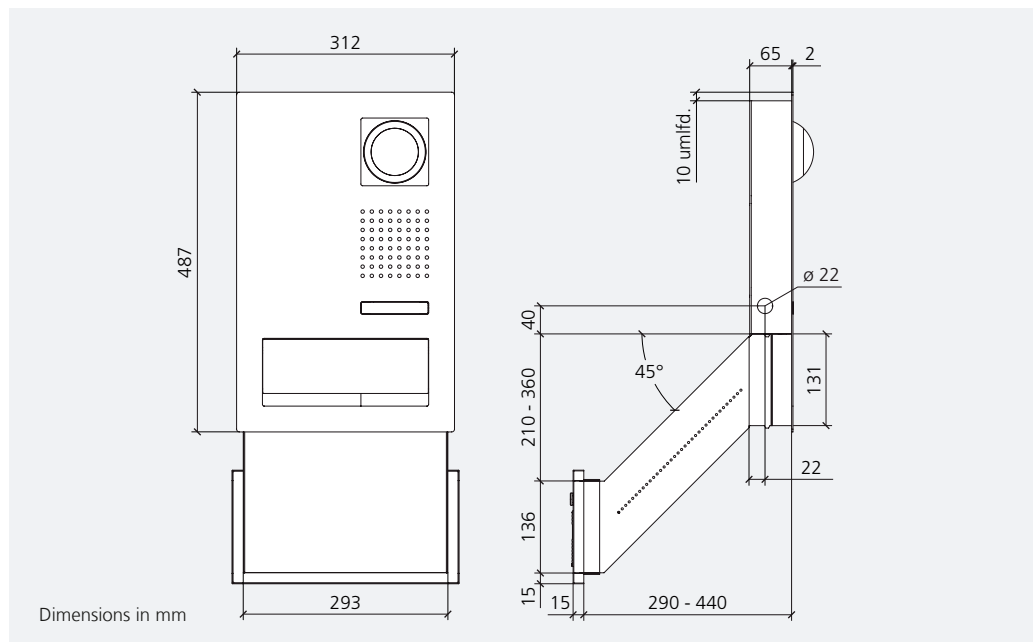
Nameplate size (mm) W x H: 89 x 12

Dimensions front panel (mm) W x H x D:

312 x 487 x 2

Dimensions housing (mm) W x H x D:

293 x 131 x 290-440

**Front panel:**

- 2 mm V4A natural brushed steel or painted
- Brass colour coating, high-gloss, base material V4A steel
- Chrome colour coating, high-gloss, base material V4A steel
- Aluminium, matt anodized EV1
- Burnished brass
- Video camera with mechanically adjustable wide-angle lens

**Pass-through flap:**

- With integrated damping action
- Material as for the front panel 1.5 mm

**Flush-mount housing**

- 1.25 mm hot-dip galvanized sheet steel
- Pass-through letterbox
- 0.8 mm hot-dip galvanized sheet steel, 45° in inclined arrangement, extendable from 290 - 440 mm
- Pass-through shaft 1 mm V4A steel
- Rear removal door, opening downwards, with cylinder lock, nameplate and inspection window
- 15 mm plaster frame all round

surface finishes: see page 140.

For more information on materials and

**ZDS/CL**

Anti-pilfer accessory for mounting in the Siedle Classic door station as a concealed electromagnetic locking mechanism to secure the mounting screws. This can be mounted in any system with one or more function modules, in vertical arrangement.

With anti-pilfer controller SDSC 602-01 in switch panel housing, for actuation of the anti-pilfer accessory ZDS/CL (for 1 pair), with status LED.

Operating voltage: 12 V AC

Operating current: max. 850 mA

Protection system: IP 20

Ambient temperature:

SDSC 602-01, 0°C to +40°C

Locking, -20°C to +55°C

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

SDSC 602-01, 53.5 x 89 x 60

Locking, 25 x 70 x 32



**New****Letterbox****Letterbox with front removal**

Letterboxes of the Classic design line can be used as separate components or in combination with additional functional modules. We offer letterbox systems in popular sizes and combinations as standard articles. Siedle letterboxes naturally comply with European standard DIN EN 13724.

Please make use of our quotation service.

**Market launch and delivery date**

Letterbox systems available from October 2012.

**CL BF3 01**

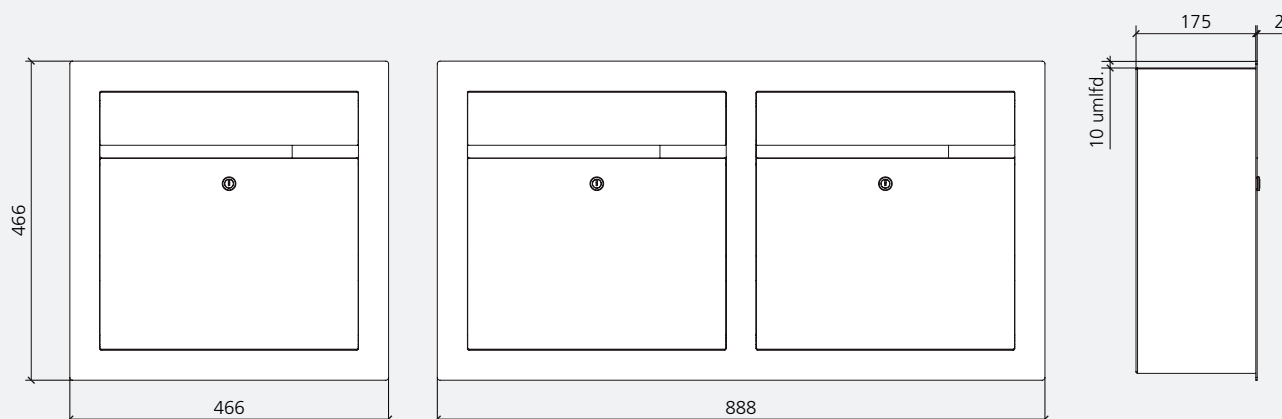
Classic letterbox with removal from the front. Front in brushed V4A stainless steel. The nameplate is located under the letterbox flap. Convenient post removal door which brakes automatically at a predetermined angle, safety lock with 2 keys.

Nameplate size (mm) W x H: 89 x 12  
Dimensions front panel (mm) W x H x D:  
466 x 466 x 2  
Dimensions housing (mm) W x H x D:  
446 x 446 x 175

**CL BF3 02**

Classic letterbox with removal from the front. Front in brushed V4A stainless steel. The nameplate is located under the letterbox flap. Convenient post removal door which brakes automatically at a predetermined angle, safety lock with 2 keys.

Nameplate size (mm) W x H: 89 x 12  
Dimensions front panel (mm) W x H x D:  
888 x 466 x 2  
Dimensions housing (mm) W x H x D:  
868 x 446 x 175



Dimensions in mm

**Front panel:**

- 2 mm V4A natural brushed steel or painted
- Brass colour coating, high-gloss, base material V4A steel
- Chrome colour coating, high-gloss, base material V4A steel
- Aluminium, matt anodized EV1
- Burnished brass

**Pass-through flap:**

- With integrated damping action
- Pass-through flap and front removal door:

- Material as for the front panel 1.5 mm
- Flush-mount housing

- 1.25 mm hot-dip galvanized sheet steel

**Indoor letterbox housing:**

- Material 1 mm stainless steel

For more information on materials and surface finishes: see page 140.

## New

### Letterbox

#### Letterbox with front removal with audio/video door communication

In many cases, it makes sense to combine letterboxes and door communication in a single location and a single housing. Popular sizes and combinations are listed on these pages as standard articles which can be ordered straight from stock. Siedle letterboxes naturally comply with European standard DIN EN 13724.

Please make use of our quotation service.



#### In-Home bus

##### CL BF3A 01 B-02 plug+play

##### 1+n technology

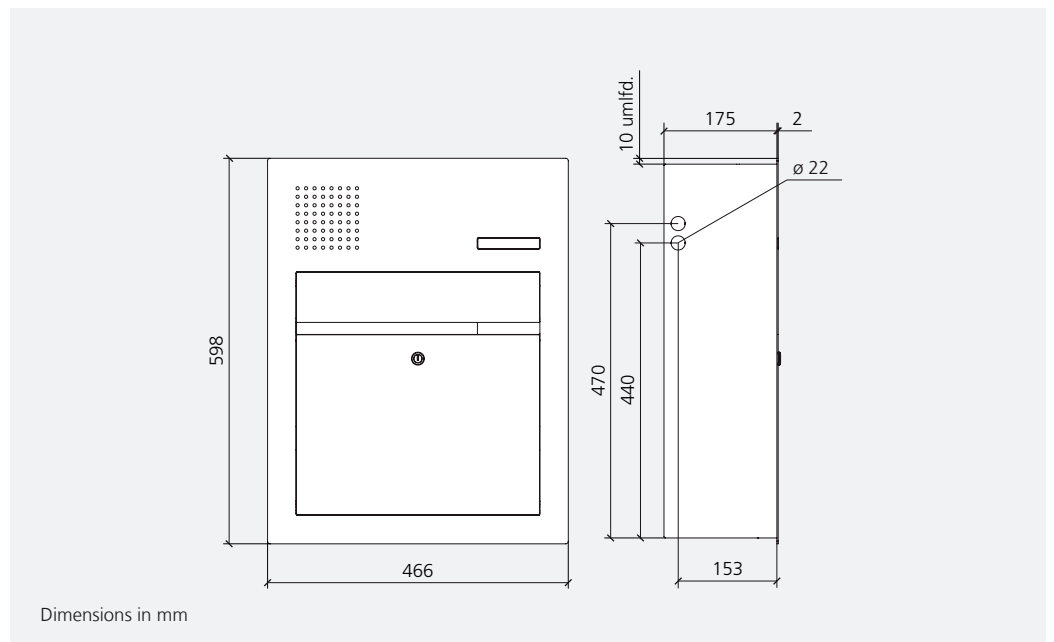
##### CL BF3A 01 N-02

Classic letterbox with removal from the front. Front in brushed V4A stainless steel. Door loudspeaker, 1 call button. The nameplate is located under the letterbox flap. Convenient post removal door which brakes automatically at a predetermined angle, safety lock with 2 keys.

Ambient temperature: -20°C to +55°C  
Nameplate size (mm) W x H: 89 x 12  
Dimensions front panel (mm) W x H x D:  
466 x 598 x 2  
Dimensions housing (mm) W x H x D:  
446 x 578 x 175

## Market launch and delivery date

Letterbox systems available from October 2012.



Front panel:

- 2 mm V4A natural brushed steel or painted
- Brass colour coating, high-gloss, base material V4A steel
- Chrome colour coating, high-gloss, base material V4A steel
- Aluminium, matt anodized EV1
- Burnished brass

Pass-through flap:

- With integrated damping action

Pass-through flap and front removal door:

- Material as for the front panel 1.5 mm

Flush-mount housing

- 1.25 mm hot-dip galvanized sheet steel

Indoor letterbox housing:

- Material 1 mm stainless steel

For more information on materials and surface finishes: see page 140.

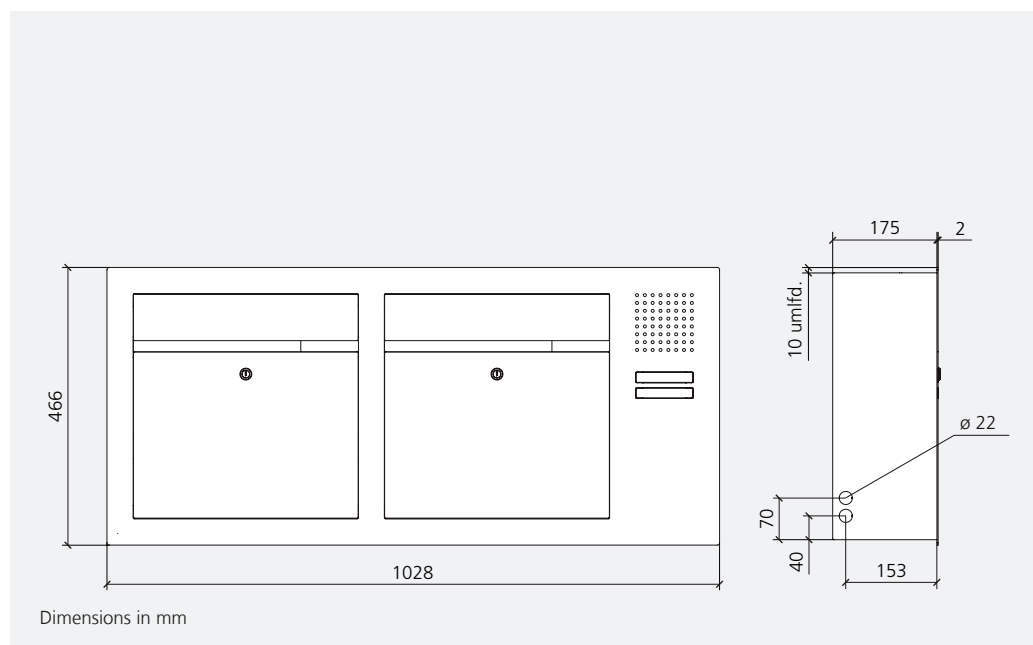


**In-Home bus**  
**CL BF3A 02 B-02 plug+play**  
**1+n technology**

**CL BF3A 02 N-02**

Classic letterbox with removal from the front. Front in brushed V4A stainless steel. Door loudspeaker, 2 call buttons. The nameplate is located under the letterbox flap. Convenient post removal door which brakes automatically at a predetermined angle, safety lock with 2 keys.

Ambient temperature: -20°C to +55°C  
 Nameplate size (mm) W x H: 89 x 12  
 Dimensions front panel (mm) W x H x D:  
 1028 x 466 x 2  
 Dimensions housing (mm) W x H x D:  
 1008 x 446 x 175



Front panel:

- 2 mm V4A natural brushed steel or painted
- Brass colour coating, high-gloss, base material V4A steel
- Chrome colour coating, high-gloss, base material V4A steel
- Aluminium, matt anodized EV1
- Burnished brass

Pass-through flap:

- With integrated damping action

Pass-through flap and front removal door:

- Material as for the front panel 1.5 mm

Flush-mount housing

- 1.25 mm hot-dip galvanized sheet steel

Indoor letterbox housing:

- Material 1 mm stainless steel

For more information on materials and surface finishes: see page 140.

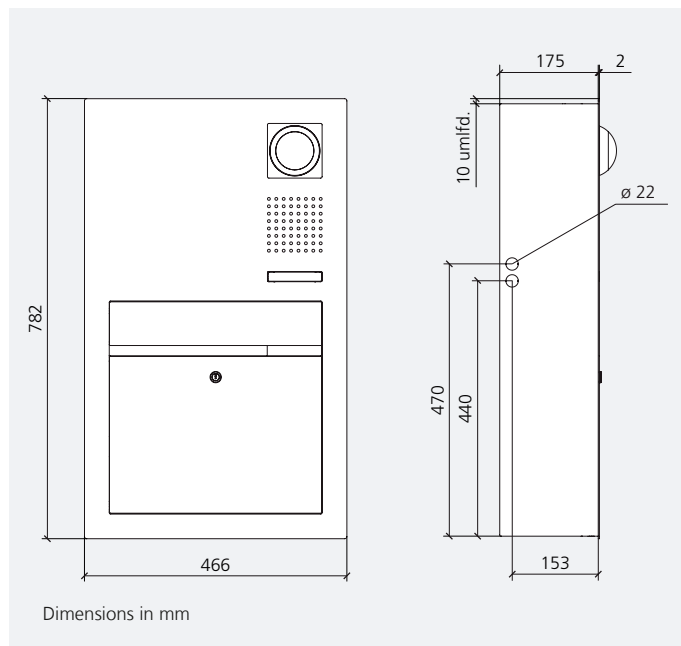
**Market launch and delivery date**

Letterbox systems available from October 2012.

## New

### Letterbox

#### Letterbox with front removal with audio/video door communication



#### In-Home bus

##### CL BF3V 01 B-02 plug+play

Classic letterbox with removal from the front. Front in brushed V4A stainless steel. Door loudspeaker, 1 call button. Camera with integrated infrared lighting. The nameplate is located under the letterbox flap. Convenient post removal door which brakes automatically at a predetermined angle, safety lock with 2 keys.

Ambient temperature: -20°C to +40°C

Nameplate size (mm) W x H: 89 x 12

Dimensions front panel (mm) W x H x D:  
466 x 782 x 2

Dimensions housing (mm) W x H x D:  
446 x 762 x 175

#### Front panel:

- 2 mm V4A natural brushed steel or painted
- Brass colour coating, high-gloss, base material V4A steel
- Chrome colour coating, high-gloss, base material V4A steel
- Aluminium, matt anodized EV1
- Burnished brass
- Video camera with mechanically adjustable wide-angle lens

#### Pass-through flap:

- With integrated damping action

#### Pass-through flap and front removal door:

- Material as for the front panel 1.5 mm
- Flush-mount housing
- 1.25 mm hot-dip galvanized sheet steel
- Indoor letterbox housing:
- Material 1 mm stainless steel

For more information on materials and surface finishes: see page 140.



#### ZNSM/CL-02

Metal Classic accessory nameplate made of brushed stainless steel, without engraving, for exchange against standard installed backlit nameplate.

You can have your nameplate inscribed on site by an engraver.

Alternatively the button can be ordered ready engraved by our lettering service, optionally with black facing.



#### ZDS/CL

Anti-pilfer accessory for mounting in the Siedle Classic door station as a concealed electromagnetic locking mechanism to secure the mounting screws. This can be mounted in any system with one or more function modules, in vertical arrangement.

With anti-pilfer controller SDSC 602-01 in switch panel housing, for actuation of the anti-pilfer accessory ZDS/CL (for 1 pair), with status LED.

Operating voltage: 12 V AC

Operating current: max. 850 mA

Protection system: IP 20

Ambient temperature:

SDSC 602-01, 0°C to +40°C

Locking, -20°C to +55°C

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

SDSC 602-01, 53.5 x 89 x 60

Locking, 25 x 70 x 32

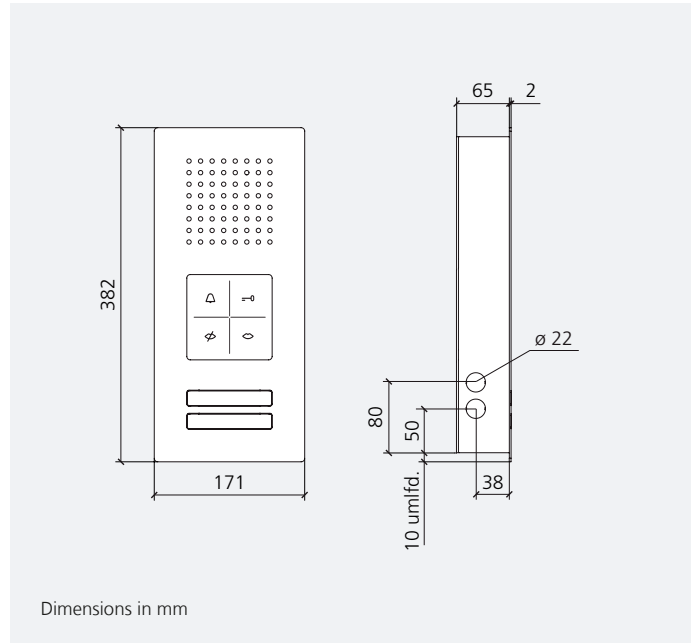
#### Market launch and delivery date

Letterbox systems available from October 2012.

**New****Examples of non-standard solutions**

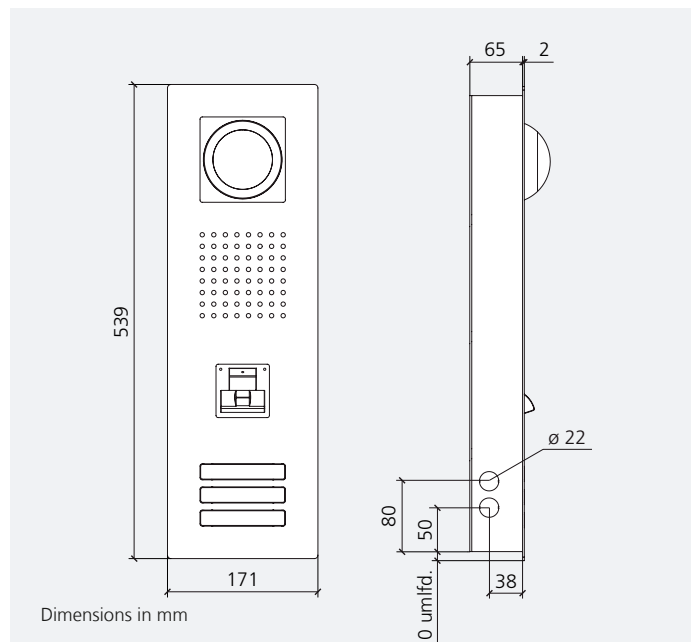
The modular structure of the new Classic permits a wide range of configurations and design variants in addition to the range of standard systems. The following pages feature six system examples demonstrating the extensive possibilities on offer.

Please make use of our quotation service.

**Front panel:**

- 2 mm V4A natural brushed steel or painted
  - Brass colour coating, high-gloss, base material V4A steel
  - Chrome colour coating, high-gloss, base material V4A steel
  - Aluminium, matt anodized EV1
  - Burnished brass
  - Status display as an optical indication of operating status
- Flush-mount housing
- 1.25 mm hot-dip galvanized sheet steel

For more information on materials and surface finishes: see page 140.

**Front panel:**

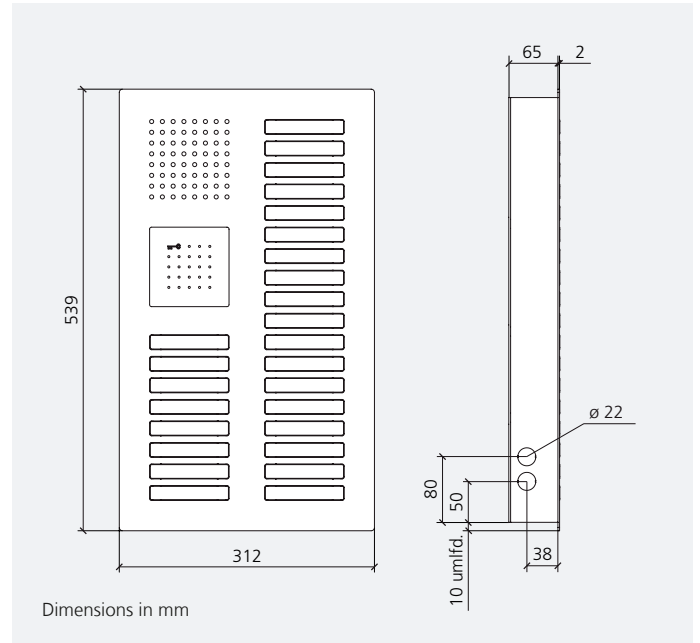
- 2 mm V4A natural brushed steel or painted
- Brass colour coating, high-gloss, base material V4A steel
- Chrome colour coating, high-gloss, base material V4A steel
- Aluminium, matt anodized EV1
- Burnished brass
- Video camera with mechanically adjustable wide-angle lens
- Fingerprint module, keyless access for up to 100 users

**Flush-mount housing**

- 1.25 mm hot-dip galvanized sheet steel

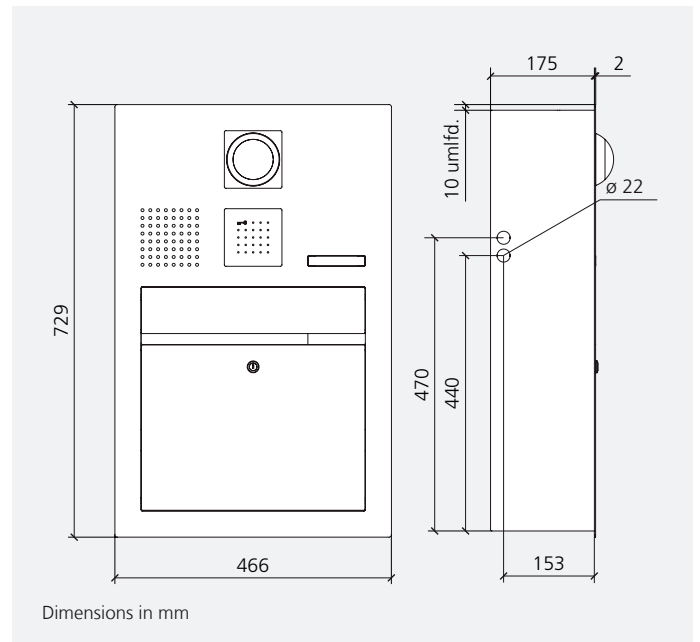
For more information on materials and surface finishes: see page 140.

## Examples of non-standard solutions



- Front panel:
- 2 mm V4A natural brushed steel or painted
  - Brass colour coating, high-gloss, base material V4A steel
  - Chrome colour coating, high-gloss, base material V4A steel
  - Aluminium, matt anodized EV1
  - Burnished brass
  - Electronic key reader as a no-contact door release
- Flush-mount housing
- 1.25 mm hot-dip galvanized sheet steel

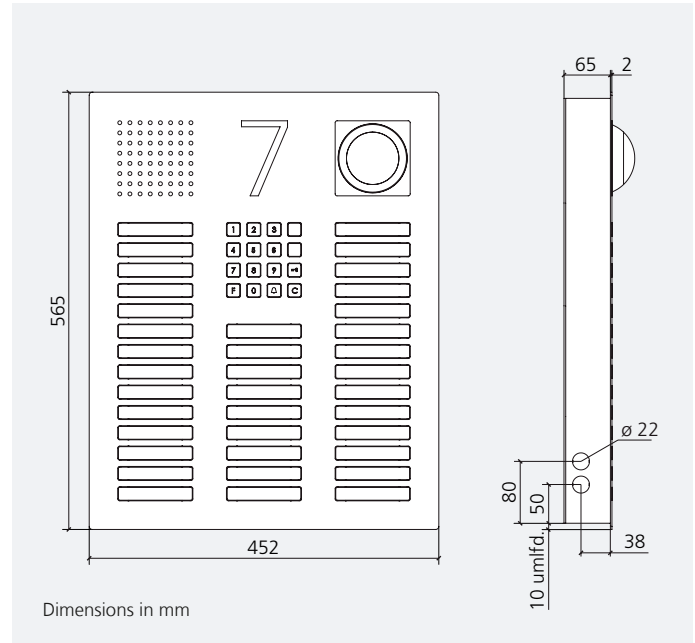
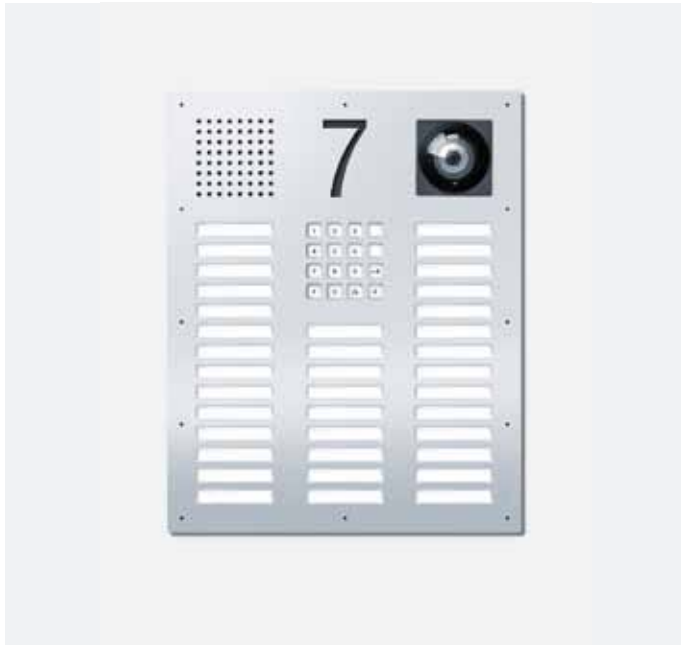
For more information on materials and surface finishes: see page 140.



- Front panel:
- 2 mm V4A natural brushed steel or painted
  - Brass colour coating, high-gloss, base material V4A steel
  - Chrome colour coating, high-gloss, base material V4A steel
  - Aluminium, matt anodized EV1
  - Burnished brass
  - Video camera with mechanically adjustable wide-angle lens
  - Electronic key reader as a no-contact door release

- Pass-through flap:
- With integrated damping action
- Pass-through flap and front removal door:
- Material as for the front panel 1.5 mm
- Flush-mount housing
- 1.25 mm hot-dip galvanized sheet steel

For more information on materials and surface finishes: see page 140.

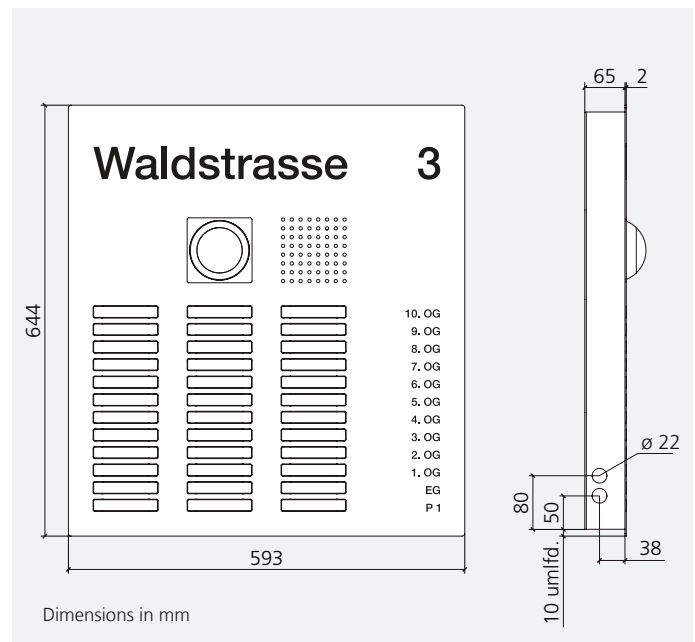
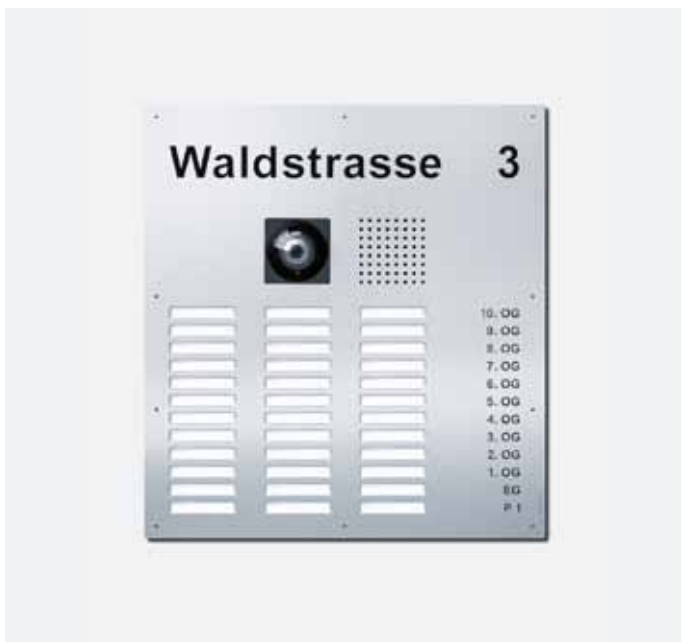


#### Front panel:

- 2 mm V4A natural brushed steel or painted
- Brass colour coating, high-gloss, base material V4A steel
- Chrome colour coating, high-gloss, base material V4A steel
- Aluminium, matt anodized EV1
- Burnished brass
- Video camera with mechanically adjustable wide-angle lens
- Code lock module as control centre for access, light and everything with a switching function.

- House number with UV-resistant film inscription
- Flush-mount housing
- 1.25 mm hot-dip galvanized sheet steel

For more information on materials and surface finishes: see page 140.



#### Front panel:

- 2 mm V4A natural brushed steel or painted
- Brass colour coating, high-gloss, base material V4A steel
- Chrome colour coating, high-gloss, base material V4A steel
- Aluminium, matt anodized EV1
- Burnished brass
- Video camera with mechanically adjustable wide-angle lens
- House number with UV-resistant film inscription

#### Flush-mount housing

- 1.25 mm hot-dip galvanized sheet steel

For more information on materials and surface finishes: see page 140.

### Step by step to the customized Classic system

If none of the standard variants fits the bill for you, the Siedle Classic system offers scope for configuration of your very own individual system. This is completely configured and assembled at Siedle and delivered ready for connection. The examples on the previous pages provide an impression of the different possibilities on offer. The form at the end of the chapter and the step-by-step instructions are designed to simplify the process of configuring your Classic system as much as possible.

The catalogue is only designed to provide inspiration and ideas. If you have any ideas or requirements which are not included in the catalogue, then why not give us a call or visit us in one of the Siedle Centres? Our advisors will be pleased to help you to implement your plans.

#### Step 1:

##### Functions

What do you want the system to be able to do? The functional overview illustrates the entire spectrum at a glance. A tip: When equipping the unit, remember the electromagnetic pilfer safeguard!

#### Step 2:

##### Materials and surfaces

Brushed stainless steel, anodized aluminium and burnished brass are the material variants offered for the front panel, supplemented by paintwork finishes and coating in chrome or brass look.

#### Step 3:

##### Lettering

Siedle Classic offers different inscription possibilities: The call buttons in plastic and metal finish can be engraved or inscribed to a professional standard of quality by our lettering service. We apply a house number using a durable film inscription method. Other lettering such as street names, house numbers or storey's can be engraved, also with optional black facing.

#### Step 4:

##### Installation system

Please let us know which system you are using so that we can plan to include all the necessary components.



**Step 5:****Outside dimensions**

If you require the door station to have certain dimensions, we will be pleased to comply - depending on which dimensions the design grid and manufacturing process allow.

**Finally:****Enquiry**

The next step should lead you to your fax machine. Send your form to your local representative, who will make a design suggestion and submit a quote including price and delivery time on the basis of the information provided.

**Market launch and delivery date**

Door stations available from August 2012.  
Letterbox systems available from October 2012.

**Quotation service****Fax to: +49 7723 63-72451**Simply copy, fill in and fax to  
your local representative!International Sales  
Phone +49 7723 63-451  
Fax +49 7723 63-72451  
E-mail: quotation@siedle.com**From**

Company

Contact person

Street

Postal code, city

Phone

Fax

E-mail

Place and date

Building project

Please draw up a quotation  
with design suggestions (rec-  
ommended Siedle retail price  
exclusive of VAT).**1. Functions****Call buttons**(use the form on the right for  
the inscription)Enter the required quantity here:  
\_\_\_\_ pcs. (max. 88)Quantity side by side:  
\_\_\_\_ pcs. (max. 4)Quantity one above the other:  
\_\_\_\_ pcs. (max. 22)of which  
\_\_\_\_ pcs., backlit  
\_\_\_\_ pcs., metal**Modules**

- ☐ House number (film lettering)
- ☐ Movement sensor module
- ☐ Fingerprint
- ☐ Code lock
- ☐ Electronic key (non-contact  
card reader)
- ☐ Key-operated switch
- ☐ Status display

**Camera**

- ☐ Colour camera  
(Video is not possible in  
conjunction with  
1+n technology)

**Letterbox**

- ☐ Letterbox with front  
removal  
\_\_\_\_ pcs.
- ☐ Pass-through letterbox  
Rear removal  
\_\_\_\_ pcs., 293 x 131 mm  
\_\_\_\_ pcs., 433 x 131 mm

**Accessory**

- ☐ Pilfer safeguard

**2. Materials/surfaces front**

- ☐ Stainless steel, natural,  
brushed
- ☐ Stainless steel,  
brass-coloured  
Coated, high gloss
- ☐ Stainless steel,  
chrome coloured  
Coated, high gloss
- ☐ Stainless steel with a  
paintwork finish  
RAL \_\_\_\_\_  
Micaceous iron ore \_\_\_\_\_
- ☐ Aluminium, matt anodized  
silver EV1
- ☐ Burnished brass

**3. Lettering**

(see right)

**4. System**

Intercom system for

- ☐ 1+n technology
- ☐ In-Home bus
- ☐ Access
- ☐ DoorCom-IP

**5. Outside dimensions**

- ☐ I have special requirements  
regarding the front  
dimensions (W x H) in mm:

**Other requirements/remarks**

Quotation service  
Fax to: +49 7723 63-72451

Font  
Standard lettering: Helvetica  
Medium.

Call buttons  
Metal buttons:  
Inscription by engraving, optionally with black facing  
Back-lit buttons:  
Inscription by printed insert

Letterbox  
In systems with letterboxes, their name strips are automatically inscribed in accordance with the call button lettering.

Info panel lettering  
Enter the inscription you require in the inscription box. After receiving your order, we will send you a proof for correction.

Select the preferred finish for the lettering:

- ☐ Engraving
- ☐ Engraving faced in black\*

Call button lettering  
Please enter here ☐ Faced in black \*(against surcharge)

Button 1

Button 2

Button 3

Button 4

Button 5

Button 6

Button 7

Button 8

Button 9

Button 10

When placing your initial order, please specify all names for call button lettering.  
If this is not possible, there is a risk of colour discrepancies in subsequent deliveries.

House number lettering  
(film lettering\*\*)

Please enter here:

Inscription box 1

Width mm

Height mm

☐ 97

☐ 237

☐ 378

☐ 519

☐ 97

☐ 228

☐ 360

☐ 491

Inscription box 2

Width mm

Height mm

☐ 97

☐ 237

☐ 378

☐ 519

☐ 97

☐ 228

☐ 360

☐ 491

\* Only possible with brushed stainless steel  
\*\* Not suitable for burnished brass

## Design honours



Premio Intel Design  
Milan 1999



International Design Award  
Baden-Württemberg 2000



Innovation Award  
architecture and construction  
in the category  
"products of high architectural  
quality" 2002



Good Design Award 2007

Accepted into the design collection of the Chicago Athenaeum: Museum of Architecture and Design



Design Award of the  
Federal Republic of Germany  
Nominated 2009



## Siedle Steel

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## Step by step to the individual system



Door stations from the Siedle Steel range are individually produced and supplied as a fully functional complete unit. So when planning a new installation, all you need to decide is which type of installation system you require. We take charge of collating all the necessary components and equipping the door station.

**By using the form at the end of this chapter and following the step-by-step instructions, we aim to make the ordering process as simple as possible for you.**

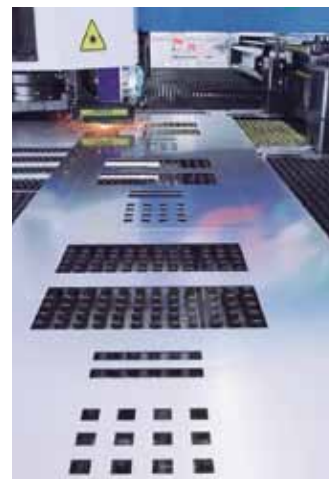
### The form sheet: Signpost

Our suggestion: Copy the purchase order form at the end of this chapter. This will allow you to place the copy next to the catalogue and fill it in point by point. The sequence on the form corresponds to the sequence in the catalogue. If you have any requirements which are not included on the form, use the empty lines to describe what you require or attach a sketch.

### The catalogue: Inspiration

Siedle Steel is individually produced. What you see in the catalogue are not series products, but examples.

If you have any ideas which are not included in the catalogue, then why not give us a call or visit us in one of the Siedle Centres? Our advisors will be pleased to help you to implement your plans.



## Step 1:

### Functions

What do you want the system to be able to do? The functional overview illustrates the entire spectrum at a glance. A tip: When equipping the unit, remember the electromagnetic pilfer safeguard!

## Step 2:

### Material and surface finish

Brushed stainless steel, anodized aluminium and burnished brass are the material variants offered for the front panel, supplemented by paintwork finishes and coating in chrome or brass look. You have two choices to make: Which finish for the surface of the front panel, and which for the mounting level. As an alternative to the illustrated recommendations, individual combinations and non-standard paintwork finishes are possible.

## Step 3:

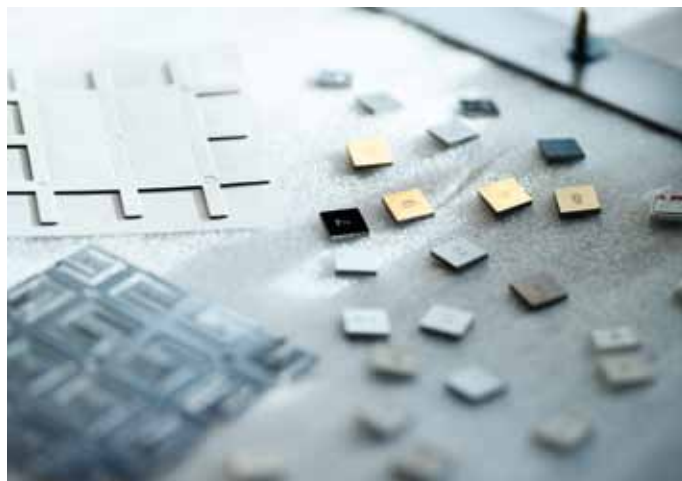
### Lettering

Company name, address, opening hours: Inscriptions in the entryway area often make sense in addition to the house number. We offer a number of variants ex works, including our unique laser cutting technique.

## Step 4:

### Mounting

Siedle Steel can be mounted in five different ways: Flush mounted, surface mounted, free-standing, in the door side panel and in the glass insert



#### Step 5:

##### Installation system

Please let us know which system you are using so that we can plan to include all the necessary components.

#### Step 6:

##### Outside dimension

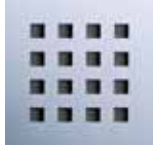
If you require the door station to have certain dimensions, we will be pleased to comply - depending on which dimensions the design grid and manufacturing process allow. Here, you may have to flick back through the pages, as the technical drawings specifying the dimensions are assigned to the mounting methods. In systems intended for door panel mounting, we require the outside dimensions of the system and the clear width of the cut-out in the door side panel if possible.

#### Finally:

##### Enquiry

The next step should lead you to your fax machine. Send your form to your local representative, who will make a design suggestion and submit a quote including price and delivery time on the basis of the information provided.

## Overview of functions



### Intercom system

Electro acoustically optimized for excellent communication, placed for optimum protection behind the continuous metal front.



### Buttons

- Illuminated light button
- Illuminated call button, with film inscription
- Call button, engraved, exchangeable from the front or back



### Status display

Optical display of operating status in addition to the acoustic acknowledgement signal: Four backlit LED symbols signal the different statuses: „Call“, „Not available“, „Speech“ and „Door release“.



### Large-format button

For special form or functional requirements: The alternative to the standard button. Made of the same solid material as the front panel, quickly recognizable and easy to operate, offering plenty of space for inscriptions or company logos. Available as a single or double unit.



### Video camera

Mechanically adjustable wide-angle lens with integrated lighting and automatic day/night switchover.



### Flush colour camera

Subtle surveillance: The camera is integrated flush with the surface and remains practically invisible under black acrylic glass.



### Electronic key reader

No-contact door release, with keys available in the form of cards or keyrings



### Card reader retainer

Designed to accommodate professional access control systems from all reputable suppliers.



### LED spot

Directed light to emphasize house numbers, buttons and inscriptions.



### LED light module

Energy-saving and durable: Four LEDs immerse driveways, paths or the whole entrance area in radiant white light. The modules can be combined to form large-scale lights.



### LED surface area lights

In two widths, for illuminating large lettering areas, info panels, door stations or letterboxes.



### Illuminated information sign

White translucent LED backlit acrylic glass. The plate is integrated flush into the operating level and available in different dimensions. Suitable for glued or printed inscriptions.

### Market launch and delivery date

Illuminated information sign available from August 2012.





#### Call display

For large-scale properties: The display replaces rows of bells.



#### Raised house number

In the same material as the front panel, solid, brushed or coated surface.



#### Laser-cut house number

The mounting level is left visible through the laser cut-outs in the solid front panel.



#### Movement sensor module with photoelectric lighting controller

Responds to people and/or ambient brightness, and for example switches on the light.



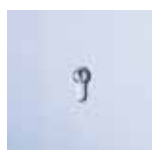
#### Fingerprint

Safe, simple, convenient: The finger acts as a key. Climate-resistant, suitable for outdoor use. For up to 100 users.



#### Code lock

Control centre for access, light and everything with a switching function. Engraved stainless steel buttons, acoustic input control.



#### Key-operated switch

Seamless integration of all standard profile half-cylinders.



#### Letterbox with removal from the front

Pass-through flap, griprail and removal door in the same material as the front panel, opening towards the front. With climate box in plastic to protect against the effects of condensation.

#### New:

Also available with electronic unlocking. For details, see page 178.



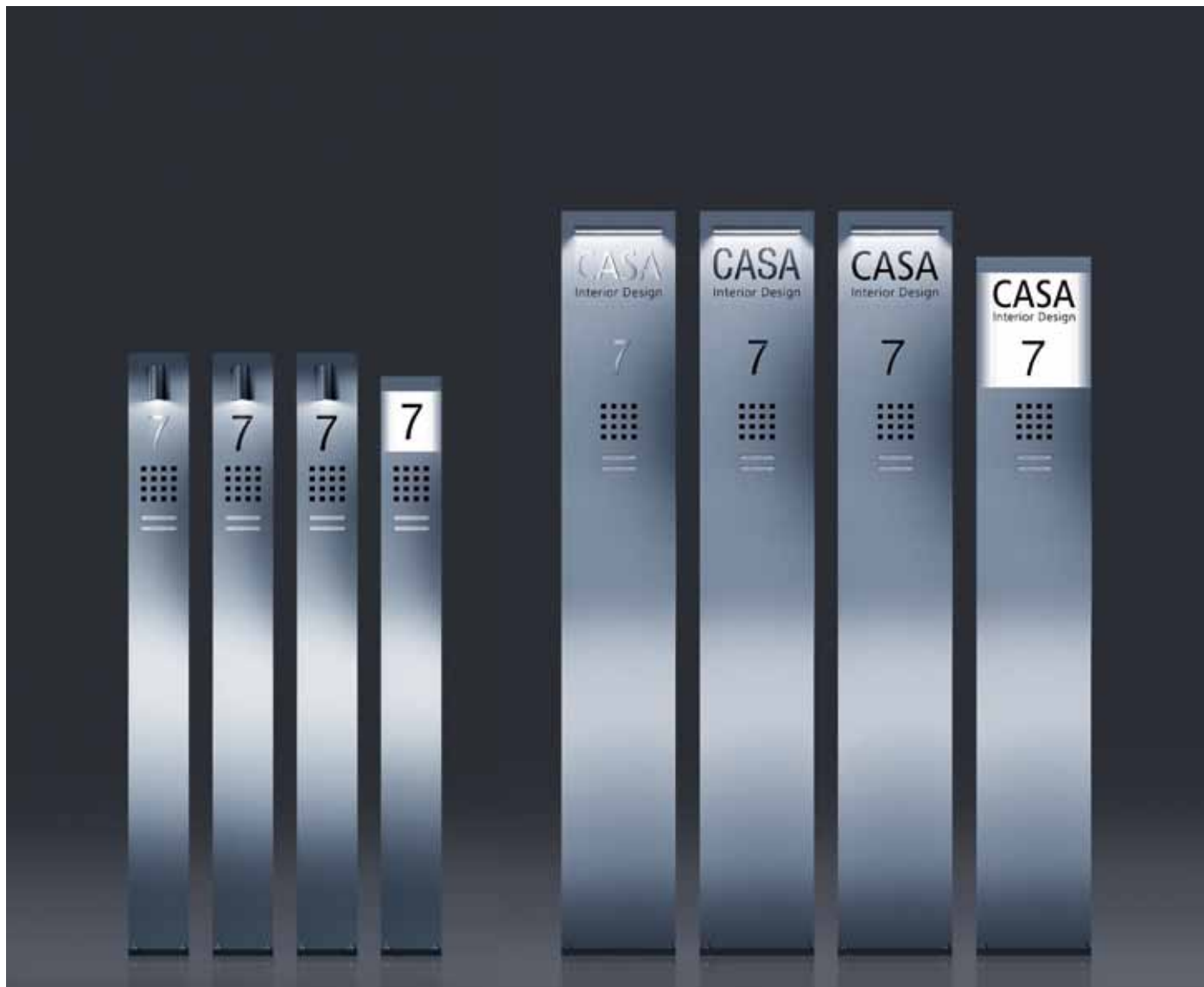
#### Pass-through letterbox

Solid pass-through flap and griprail in the same material as the front panel. The mail drops into a shaft and is removed from inside the building. Available in two sizes.

#### New:

The removal door at the back is also available in stainless steel. For more details, see page 177.

## Lettering and illumination



Siedle Steel offers several possibilities for combining lettering and illumination. The required lighting effect can ideally be adjusted in line with the surroundings and the overall system.

The LED spot can be targeted to illuminate specific details. Alongside the house number, these can be buttons, a code lock or other functional elements.

Like the spot, the surface area light throws side light which emphasizes edges and contours. It places not only the lettering but the whole system in the limelight. Generally speaking, its light is sufficient to illuminate the ground immediately in front. It can be used in locations with only minimal ambient light.

The illuminated information sign emphasizes the applied lettering, but leaves the remainder of the system unlit. This is the light source of choice to divert attention solely to the information and/or the system as a whole is adequately lit from other sources.

The information sign and surface area light are available in different dimensions. The light cone from the spot is around 10 centimetres wide. Siedle uses only energy-efficient long-life LEDs as lamps.

#### Market launch and delivery date

Illuminated information sign available from August 2012.



#### Raised

Made of the two millimetre-thick solid material of the operating level (stainless steel or aluminium), with the same material-dependent surface treatment options (brushed, coated, anodized, painted). Permanently fixed, no subsequent modification required.



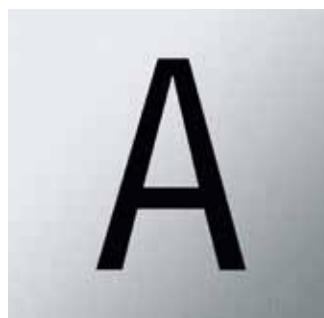
#### Laser cutting technology

The letters or numbers are precisely laser-cut openings in the decor plate which expose the mounting panel underneath. This service is only available in one special character font. Subsequent changes are not possible.



#### Engraving

The engraving can either cover the entire face of the characters or only the contours. In full surface engravings, the characteristic lines of the milling process are visible. The engraving process permanently changes the material, so that subsequent changes are no longer possible.



#### Screen printing

The lettering colour is applied directly onto the surface using the screen printing technique. This imprint is very durable and weather-proof, and cannot be removed without damaging the surface. As a result, the screen printing technique is not suitable for changing inscriptions.



#### Film inscription

Film lettering is simple, inexpensive and UV-resistant. Particularly suitable for changing inscriptions, as the film can be removed without damaging the surface. For lettering sizes from 10 mm.

## Materials and surface finishes



### Brushed stainless steel

V4A stainless steel, front panel brushed lengthwise, buttons and control elements brushed crossways



### Brass look

V4A stainless steel, high gloss brass coloured coating; lasting gloss finish, no tarnishing



### High gloss chrome

V4A stainless steel with high gloss chrome coloured coating.



### Burnished brass

A traditional material, characterized by its irregular colour, the development of a distinctive patina and signs of wear through use



#### Aluminium

Anodizing in a natural colour (EV1) protects the light alloy from corrosion and lends it a changing velvety shimmer



#### Stainless steel with a paintwork finish

V4A stainless steel in an individual paintwork finish, aluminium with Duraflon coating (both in RAL, metallic or mica-ceous iron ore shades, in this example: high gloss black)

#### Please note:

Unlike metal surfaces, in areas such as buttons which are in frequent use, a paintwork finish can show signs of frequent skin contact. These signs of use do not affect the function or durability in any way but on code lock key pads they can provide an indication of which buttons have been used. For this reason, codes used at code locks with painted keypads should be regularly changed.

#### Note

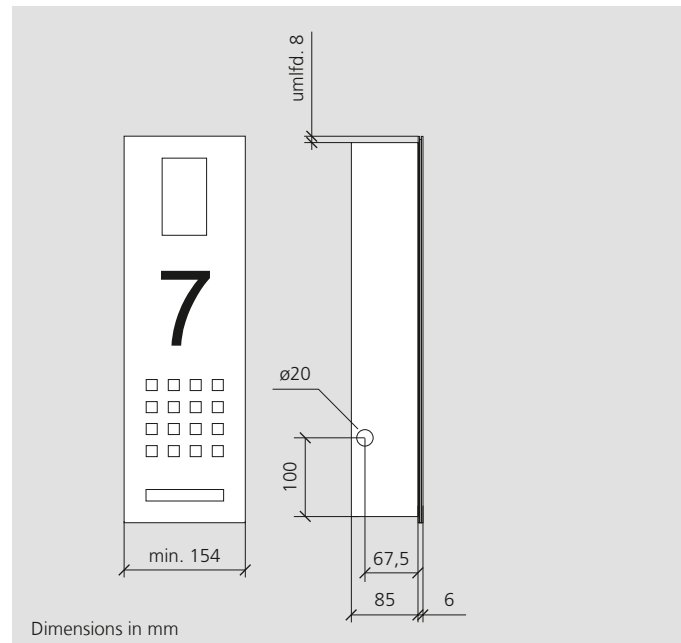
Other materials and surface finishes are available on request. Please get in touch with us to discuss the many varied possibilities available.

## Flush-mounted door stations

The extreme slim-line look of Siedle Steel is made possible by an ingenious split design. The two millimetre-thick solid front panel extends just six millimetres proud of the wall. Its concealed fixture is only accessible using a special tool (optionally available with an additional electro-magnetic lock which can only be released

from inside). The surfaces remain completely flat and even. There is nothing to disturb the natural aesthetic appeal of the solid metal and the linear clarity of the prize-winning design. Raised elements such as house numbers and call buttons underpin the vibrancy of the material and create added light effects effectively contrasting

with the front panel.



Operating level 2 mm:

- V4A natural brushed steel or painted
- Brass colour coating, high-gloss, base material V4A steel
- Chrome colour coating, high-gloss, base material V4A steel
- Aluminium, matt anodized EV1
- Burnished brass

Mounting level:

- 2 mm V2A steel with micaceous iron ore finish

Flush-mount housing

- Hot-dip galvanized sheet steel 0.8 mm

For more information on materials and surface finishes: see page 174.

## New Flush mounting

A special locking concept permits the recessed mounting of flush mounted door stations. However, for design reasons not every system size is capable of flush mounting. The feasibility of this mounting variant must consequently always be reviewed in advance and planned in close cooperation with Siedle.

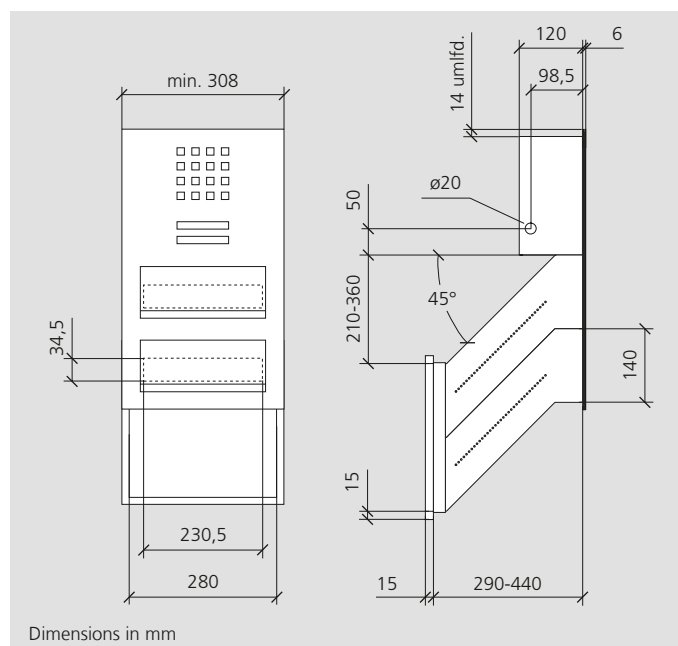


### Flush-mounted door stations with pass-through letterbox

The pass-through letterbox allows the mail to fall backwards for removal from inside the building. Due to the minimal space requirement, several letterboxes can be combined in a single station. The pass-through flap made completely in the material of the front panel is inserted for a perfect flush. Resists even stormy gusts

of wind. An anti-pilfer device helps you safeguard the privacy of your mail.

Siedle letterboxes naturally comply with European standard DIN EN 13724.



- Operating level 2 mm
- V4A natural brushed steel or painted
  - Brass colour coating, high-gloss, base material V4A steel
  - Chrome colour coating, high-gloss, base material V4A steel
  - Aluminium, matt anodized EV1
  - Burnished brass
- Mounting level:
- 2 mm V2A steel with micaceous iron ore finish
- Name strip:
- Material as for the control level 4 mm
- Pass-through flap:
- With integrated damping action
  - Material as for the control level 1.5 mm
- Flush-mount housing
- 0.8 mm hot-dip galvanized sheet steel
- Pass-through letterbox:
- 0.8 mm hot-dip galvanized sheet steel, 45° in inclined arrangement, extendable from 290 - 440 mm
  - Pass-through shaft 1 mm V4A steel
  - Removal door at the back 1 mm, V2A steel: opening downwards, colour same as the mounting level, with cylinder lock, nameplate and inspection window.
  - 15 mm plaster frame all round

For more information on materials and surface finishes see page 174.

#### Please note:

- Not suitable for mounting in concrete
- Suitable for masonry walls (dry masonry)

#### Remarks

##### Rain

Letterbox systems with pass-through letterboxes are sealed towards the front. They are protected against the effects of splash water and normal rainfall. However, they are not suitable without restrictions in unprotected or exposed locations which are subject to frequent driving rain (for instance close to the coast).

##### Ambient moisture

Natural stone and concrete have the ability to store moisture. The protracted effect of moisture can result in leaks and damage to the housing. We recommend protecting the box with a film before concreting it in.

##### Effect of pressure

Housings can be deformed by the weight of wet cement and/or by the compaction process. Suitable support measures should therefore be provided for in the box.



#### New

The removal door at the back including the removal shaft and frame can optionally also be provided in stainless steel. While the high-grade material enhances the optical appeal, the changed design also permits simple plaster compensation with the subsequently mountable and displaceable

removal door. In addition, an all-round sealing lip protects against drafts.

### Flush-mounted door stations with letterbox for front removal



Where a wall recess but not a complete wall breakthrough is planned or possible, we recommend opting for mail removal from the front. The elegance of the surface finish conceals optimum functional quality within: An inner letterbox with condensation and driving rain protection keeps mail safe from moisture. And to prevent your

mail from dropping on the floor, the removal door opens not to the side but downwards with a gently braked action. Siedle letterboxes naturally comply with European standard DIN EN 13724.

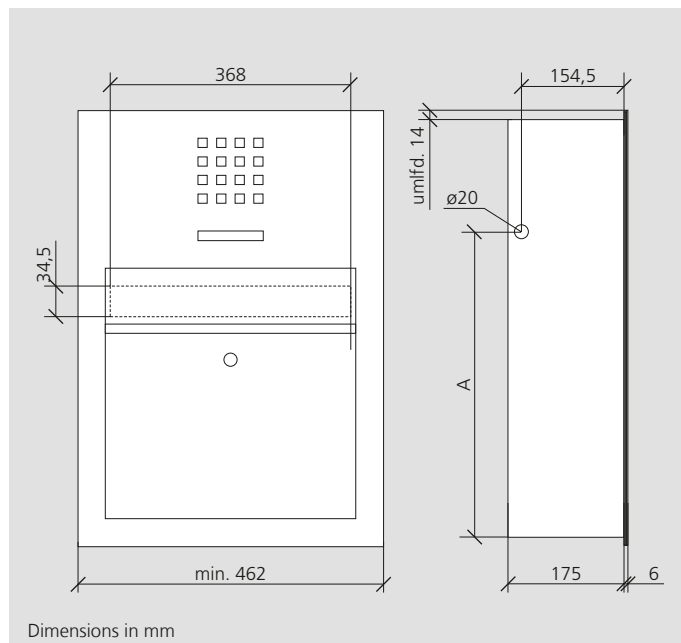


#### New

#### Electrical unlocking

The ideal addition to an electronic access control system: The letterbox can also be opened by fingerprint recognition, code lock or electronic key. For this, the mechanical lock is supplemented by an electrical closing locking unit which is actuated over the Variobus. The removal door is fitted with a grip rail. Other components are in any case generally required to implement access control:

- As a rule, a fingerprint reader, code lock or electronic key reader is required, as well as:
- TR 603 (power supply)
- EC (2 switching contacts)
- ECE (6 additional switching contacts)



#### Operating level 2 mm:

- V4A natural brushed steel or painted
- Brass colour coating, high-gloss, base material V4A steel
- Chrome colour coating, high-gloss, base material V4A steel
- Aluminium, matt anodized EV1
- Burnished brass

#### Pass-through flap:

- With integrated damping action

#### Name strip:

- Material as for the control level 4 mm
- Pass-through flap and removal door at the front:

- Material as for the control level 1.5 mm

#### Pass-through shaft:

- 1 mm V4A steel

#### Mounting level:

- 2 mm V2A steel with micaceous iron ore finish

#### Flush-mount housing:

- 0.8 mm hot-dip galvanized sheet steel

For more information on materials and surface finishes see page 174.



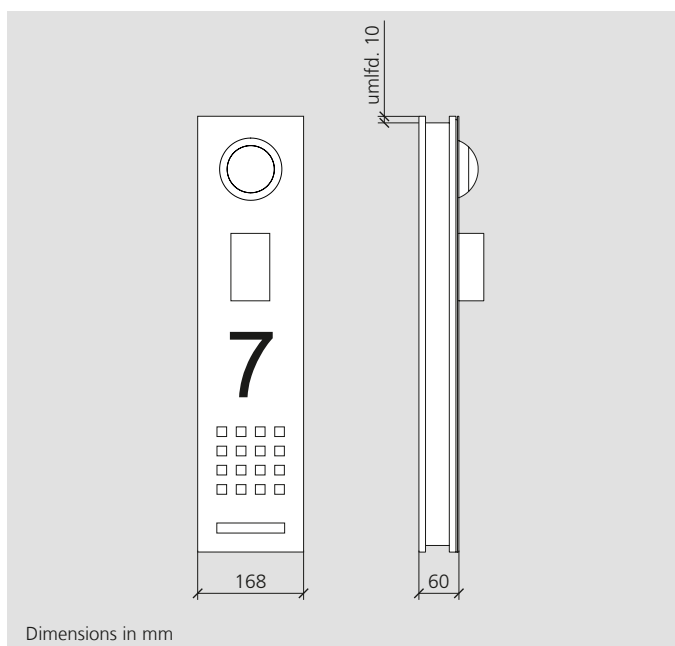
## Surface mounted door stations



### Surface mounted door stations

A new support system based on sectional extruded aluminium permits surface mounting of Steel door stations for the first time. The system allows a high level of flexibility, with the only restrictions posed by the high weight of larger systems. Due to the minimal

add-on height of the profile, surface-mounted variants of the letterboxes and card reader retainer are not possible.



Operating level 2 mm:

- V4A natural brushed steel or painted
- Brass colour coating, high-gloss, base material V4A steel
- Chrome colour coating, high-gloss, base material V4A steel
- Aluminium, matt anodized EV1
- Burnished brass

Mounting level:

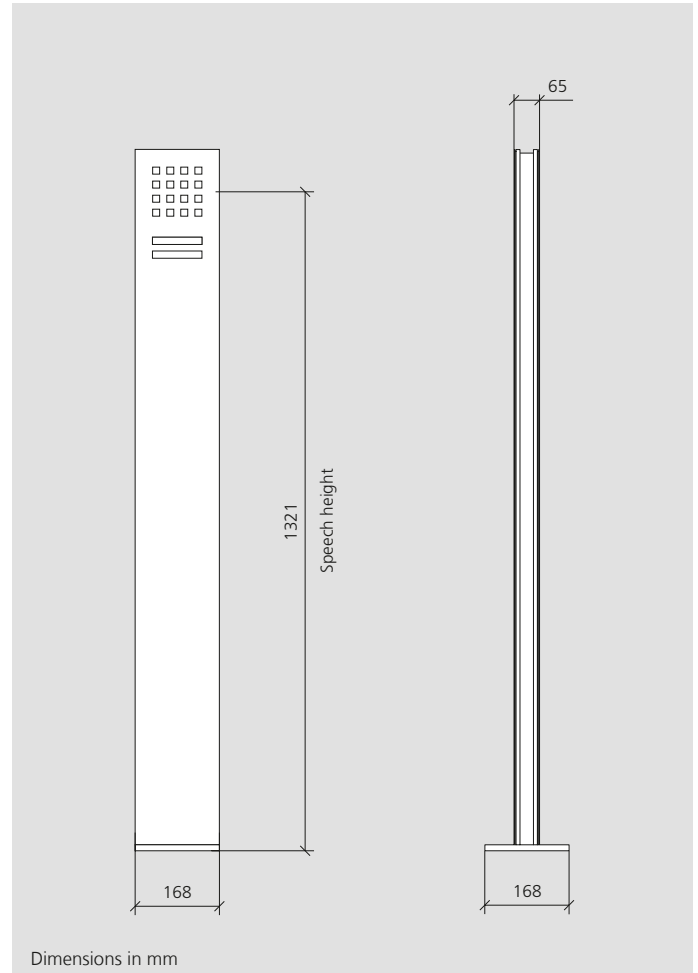
- 2 mm V2A steel with micaceous iron ore finish

Carrier system:

- Sectional extruded aluminium with micaceous iron ore finish

For more information on materials and surface finishes see page 174.

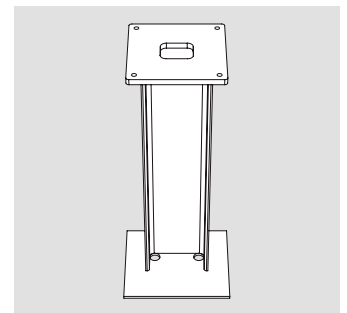
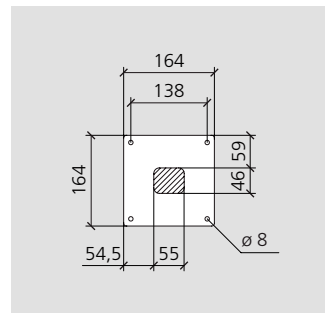
## Communication pedestals



The communication pedestal makes its own distinctive mark. It comes with all the right credentials - not just in terms of aesthetic appeal: All the functions are positioned at just the right ergonomic height for maximum user convenience. The effective interplay between form and function extends to the detail: This makes the concealed fixture of the metal front both a design feature and also an effective protection against vandalism. An electromagnetic pilfer safeguard, accessible only by using a controller from inside the building, locks and unlocks the front panel.

**New**

A new support system based on sectional extruded aluminium makes for even easier planning of pedestals. As a result, it is now possible to implement substantially bigger dimensions. The pedestals can also be fitted with modules on both sides (for details, see page 183.)

**Operating level 2 mm:**

- V4A natural brushed steel or painted
- Brass colour coating, high-gloss, base material V4A steel
- Chrome colour coating, high-gloss, base material V4A steel
- Aluminium, matt anodized EV1
- Burnished brass

**Mounting level:**

- 2 mm V2A steel with micaceous iron ore finish

**Carrier system:**

- Sectional extruded aluminium with micaceous iron ore finish

**Base plate:**

- 20 mm aluminium plate with micaceous iron ore finish

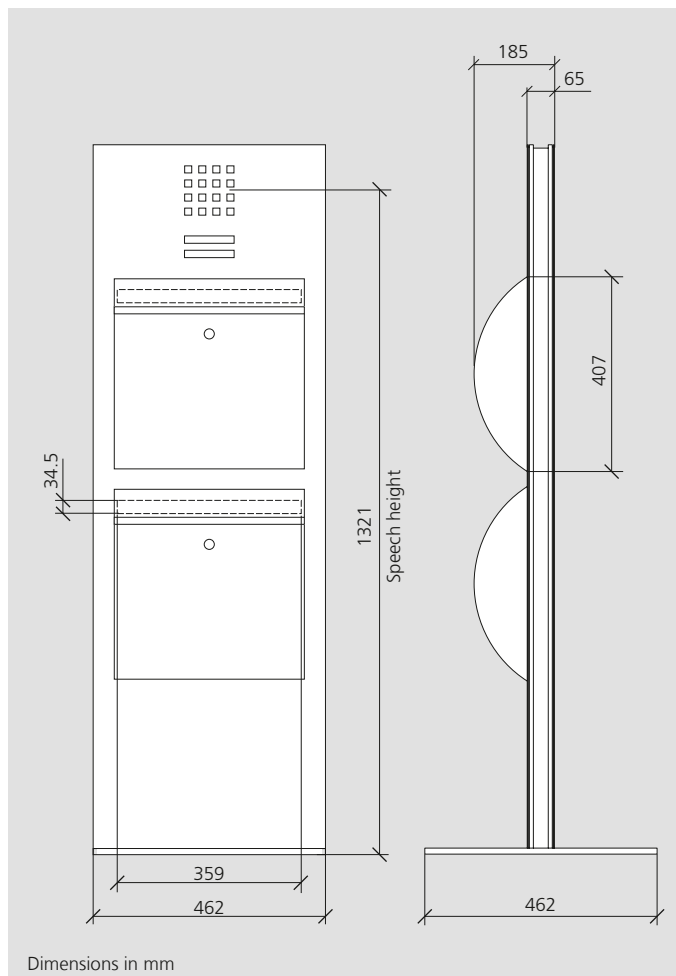
For more information on materials and surface finishes see page 174.

**ZE/STL 168 x 168**

Ground element accessory for free-standing communication pedestals in 168 x 168, made of stable, hot-dip galvanized steel with internal cable channel and ground flange with welded-on nuts for fixture of the communication pedestal base plate.

Dimensions (mm) W x H x D:  
200 x 500 x 180

## Communication pedestals with letterboxes for front removal



When it comes to first impressions, the free-standing communication pedestals radiate both competence and assurance where it matters - in the entrance area. The integrated letterbox effectively demonstrates how to make a design virtue out of functional necessity, perfectly formed from front to back. As an eye-catching central feature in the entrance area, the pedestal provides the perfect basis for presentation of a company name or logo.

### New

A new extruded sectional aluminium-based support system changes the letterbox design and makes for even more flexible planning. This allows substantially larger system dimensions to now be implemented. The floor bracket with its new front and rear support offers optimum static stability.

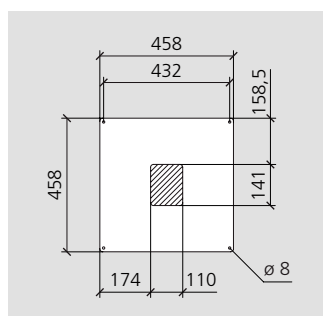
The floor bracket can also be configured on request for recessed mounting.

### New

#### Electrical unlocking

The ideal addition to an electronic access control system: The letterbox can also be opened by fingerprint recognition, code lock or electronic key. For this, the mechanical lock is supplemented by an electrical closing locking unit which is actuated over the Variobus. The removal door is fitted with a grip rail. Other components are in any case generally required to implement access control:

- As a rule, a fingerprint reader, code lock or electronic key reader is required, as well as:
- TR 603 (power supply)
- EC (2 switching contacts)
- ECE (6 additional switching contacts)



Operating level 2 mm:

- V4A natural brushed steel or painted
- Brass colour coating, high-gloss, base material V4A steel
- Chrome colour coating, high-gloss, base material V4A steel
- Aluminium, matt anodized EV1
- Burnished brass

Pass-through flap:

- With integrated damping action
- Pass-through flap and removal door at the front:

- Material as for the control level
- 1.5 mm

Name strip:

- Material as for the control level 4 mm

Mounting level:

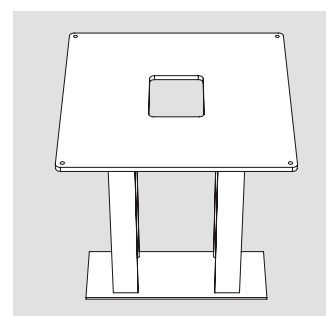
- 2 mm V2A steel with micaceous iron ore finish

Carrier system:

- Sectional extruded aluminium with micaceous iron ore finish

Base plate:

- 20 mm aluminium plate with micaceous iron ore finish



#### ZE/STL 462 x 462

Ground element accessory for free-standing communication pedestals in 462 x 462, made of stable, hot-dip galvanized steel with internal cable channel and ground flange with welded-on nuts for fixture of the communication pedestal base plate.

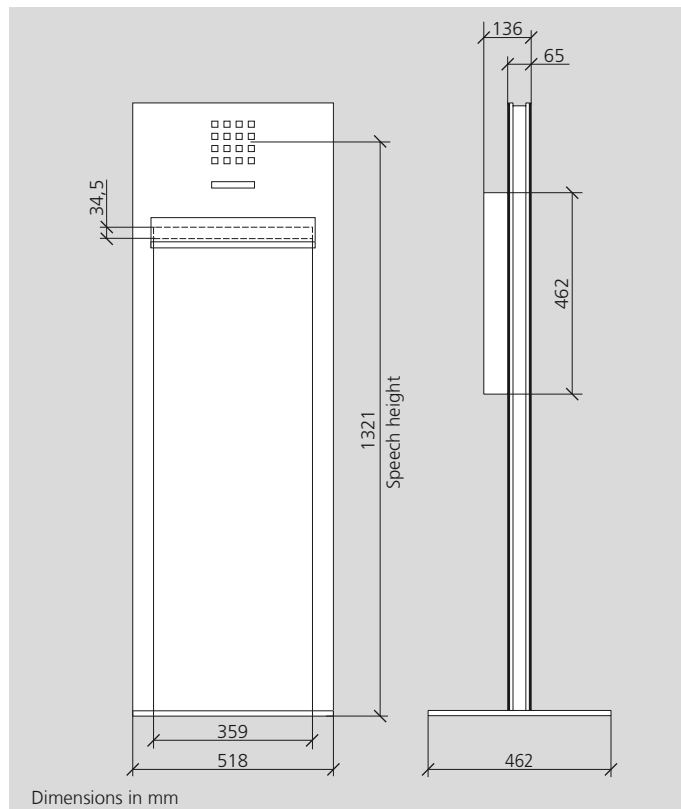
Dimensions (mm) W x H x D:  
458 x 500 x 458

For more information on materials and surface finishes see page 174.

### Communication pedestal with letterbox for removal from the back



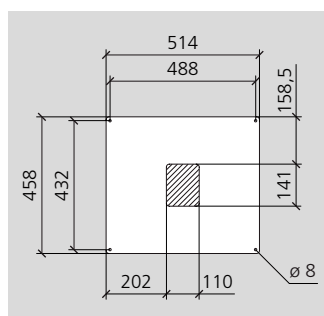
The letterbox with rear removal comes with a rectangular housing and a door for removal from the back.



### New Electrical unlocking

The ideal addition to an electronic access control system: The letterbox can also be opened by fingerprint recognition, code lock or electronic key. For this, the mechanical lock is supplemented by an electrical closing locking unit which is actuated over the Variobus. The removal door is fitted with a grip rail. Other components are in any case generally required to implement access control:

- As a rule, a fingerprint reader, code lock or electronic key reader is required, as well as:
- TR 603 (power supply)
- EC (2 switching contacts)
- ECE (6 additional switching contacts)



Operating level 2 mm:

- V4A natural brushed steel or painted
- Brass colour coating, high-gloss, base material V4A steel
- Chrome colour coating, high-gloss, base material V4A steel
- Aluminium, matt anodized EV1
- Burnished brass

Mounting level:

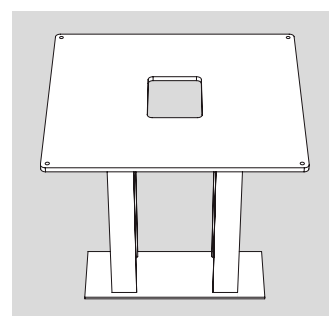
- 2 mm V2A steel with micaceous iron ore finish

Carrier system:

- Sectional extruded aluminium with micaceous iron ore finish

Base plate:

- 20 mm aluminium plate with micaceous iron ore finish



### ZE/STL 518 x 462

Ground element accessory for free-standing communication pedestals in 518 x 462, made of stable, hot-dip galvanized steel with internal cable channel and ground flange with welded-on nuts for fixture of the communication pedestal base plate.

Dimensions (mm) W x H x D:

514 x 500 x 458

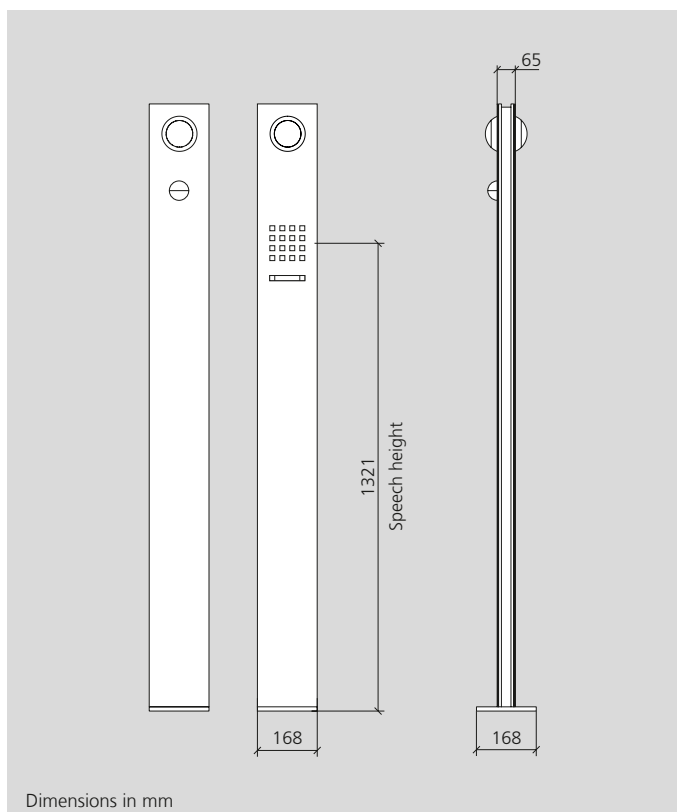
### Communication pedestals for equipment on both sides

Another new feature made possible by the new support system: Communication pedestals can now be fitted with functional elements on both sides.

Please note:  
Due to the differing overall depth of the components,

fitting with functional elements on both sides must be configured in close agreement with Siedle.

The floor bracket can also be configured on request for recessed mounting.



## Glass mounting



The low-profile housing with its depth of just 37 millimetres and the partially surface-mounted cable inlet are a constituent part of the design concept. The total mounting height is 84 millimetres.



The supply line made of flexible woven stainless steel makes a design virtue out of technical necessity.



Siedle Steel for glass mountings set directly into the glass without a frame or any other additional fixing elements. There are two variants to choose from:  
For direct mounting in a glass cut-out, the cabling becomes a part of the design concept. The supply wires are guided downwards in a flexible steel sleeve. The system appears to hover at the ideal ergonomic height. The panel mounting version positions the communication technology and letterbox between two glass elements. The stainless steel panels

become part of the glass facade without the need of any additional frame.

- Surfaces and rear housing in stainless steel
- The supply line is wrapped in a woven stainless steel tube (for direct mounting)
- Can be mounted in single glazed toughened safety glass or insulating glass
- Material thickness of the glass panel at least 8 mm, no upper limit
- The technology is accessible from both front and back

**Fire brigade key depot**

Integration instead of unattractive insular solutions: Siedle Steel integrates fire brigade key deposit boxes from special manufacturers such as Schraner. All the proven characteristics of the boxes are retained, all guidelines and standards adhered to. Optically, the deposit box is integrated into the Steel system and can be combined with all other Steel functions.

## Door panel solution



The convenient way to pick up the mail: The door hinges downwards to prevent mail dropping on the floor, the plastic climate box eliminates condensation build-up, and channels in the floor keep items dry in case moisture does penetrate.

Door side panel integration brings out the very best in Siedle Steel: The generous stainless steel surface becomes a design element which makes a striking mark on the entrance area. All the functional elements are placed in just the right ergonomic position: The company logo or house number clearly illuminated by the LED lights, the intercom system at mouth level, the code lock, buttons and letterbox flap all within easy reaching distance.

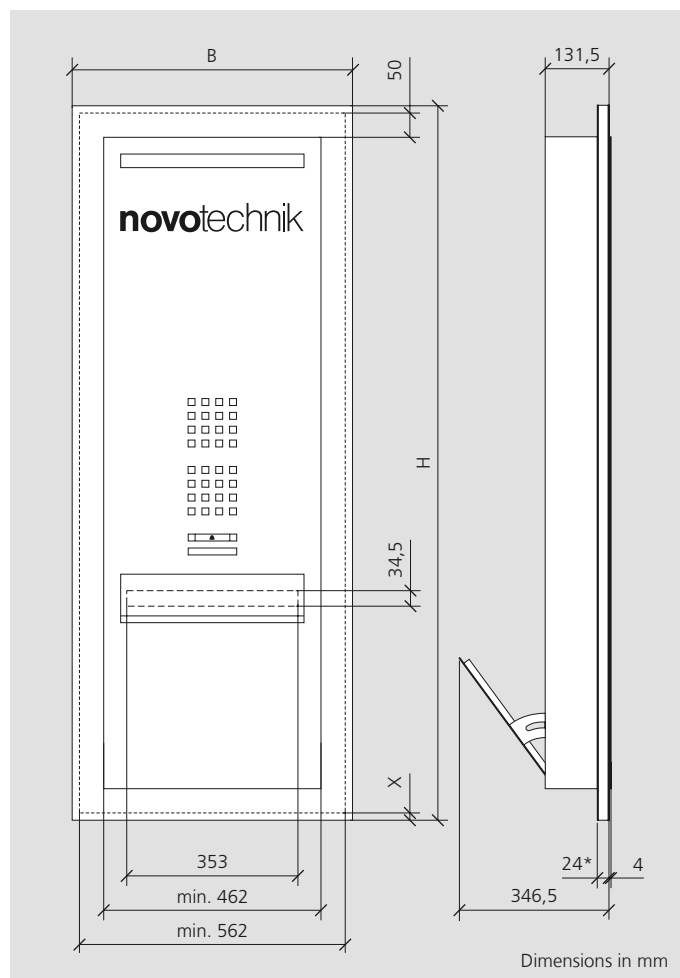
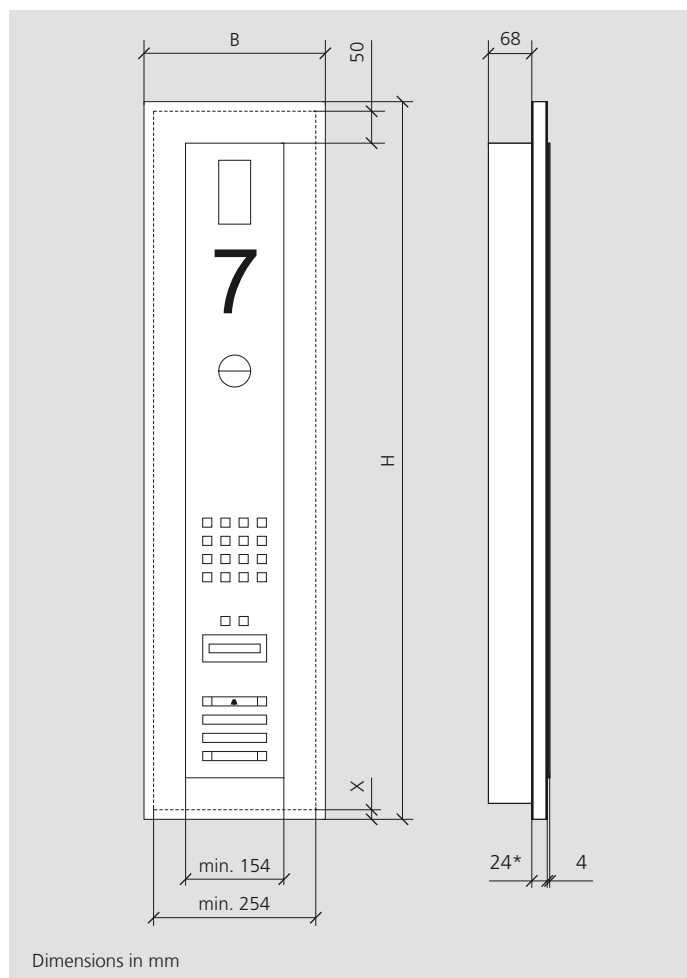
The mounting level is thermally insulated by PS foam for optimum thermal separation, its thickness adapted to circumstances on site. It is fitted in the glass rebate of the door side panel or other upright and transom designs. A 50 mm surrounding trim is not just a design element but also captures all the benefits of Siedle Steel for door panel mounting too: Operating level detachable from the front without visible fixture, module testing and removal from the front, installation and mounting simplicity. The back of the system is made completely of stainless steel.

### New Electrical unlocking

The ideal addition to an electronic access control system: The letterbox can also be opened by fingerprint recognition, code lock or electronic key. For this, the mechanical lock is supplemented by an electrical closing locking unit which is actuated over the Variobus. The removal door is fitted with a grip rail. Other components are in any case generally required to implement access control:

- As a rule, a fingerprint reader, code lock or electronic key reader is required, as well as:
- TR 603 (power supply)
- EC (2 switching contacts)
- ECE (6 additional switching contacts)





Key:  
Clear measurement  
X = Glass insert  
Panel dimension = Clear measurement  
+ 2 x glass insert  
\*After clarification of site circumstances

Operating level 2 mm:

- V4A natural brushed steel or painted
- Brass colour coating, high-gloss, base material V4A steel
- Chrome colour coating, high-gloss, base material V4A steel
- Aluminium, matt anodized EV1
- Burnished brass

Mounting level 2 mm:

- V4A natural brushed steel or V2A steel with micaceous iron ore finish

Rear side:

- 2 mm V4A natural brushed steel or painted
- PS foam filling

Protective hood at the back:

- 1.5 mm V4A natural brushed or painted
- Removal door at the back 1.5 mm V4A natural brushed or lacquered steel, opening downwards

Letterbox with plastic climate box

Pass-through flap:

- With integrated damping action
- Material as for the control level 1.5 mm

Name strip:

- Material as for the control level 4 mm
- Pass-through shaft 1 mm V4A steel

For more information on materials and surface finishes see page 174.





**Quotation service****Fax to: +49 7723 63-72451**

Simply copy, fill in and fax to your local representative!

International Sales  
 Phone +49 7723 63-451  
 Fax +49 7723 63-72451  
 E-mail: quotation@siedle.com

Please draw up a quotation with design suggestions (recommended Siedle retail price exclusive of VAT).

**From**

Company

Contact person

Street

Postal code, city

Phone

Fax

E-mail

Place and date

Building project

**1. Functions**

Call buttons  
 (for free inscription please use adjacent form)

\_\_\_ pcs. solid, without visible fixture

\_\_\_ pcs. solid, with visible fixture

\_\_\_ pcs. back-lit, with visible fixture

Large-format buttons  
 (solid, without visible fixture)

☐ 98 x 42 mm

☐ 98 x 98 mm

☐ Light button, backlit, without visible fixture

☐ Call display

☐ Status display

☐ Movement sensor module

☐ Fingerprint

☐ Code lock

☐ Electronic key (non-contact card reader)

☐ Card reader holder (no surface-mounting)

☐ Colour camera  
 (Video is not possible in conjunction with 1+n technology)

☐ Flush-mounted colour camera

☐ LED spot

☐ LED surface area light

☐ LED light module

☐ Key-operated switch

☐ Anti-pilfer device

☐ Pass-through letterbox rear removal

\_\_\_ pcs., 280 x 140 mm

\_\_\_ pcs., 280 x 280 mm

\_\_\_ pcs., 280 x 420 mm

\_\_\_ pcs., 420 x 140 mm

\_\_\_ pcs., 420 x 280 mm

\_\_\_ pcs., 420 x 420 mm

☐ removal side stainless steel

\_\_\_ pcs., letterbox with front removal

390 x 407 x 185 mm

☐ Electronic unlocking

☐ letterbox with rear removal (for door panel and free-standing solution)

\_\_\_ pcs., 446 x 462 x 136 mm

\_\_\_ pcs., 446 x 462 x 182 mm

\_\_\_ pcs., 446 x 882 x 136 mm

\_\_\_ pcs., 446 x 882 x 182 mm

☐ Electronic unlocking

☐ Info panel for street names, company logo etc.

☐ Exchangeable info field (Lettering see right)

☐ House number (Lettering see right)

**2. Materials/surfaces front**

☐ Stainless steel, natural, brushed

☐ Stainless steel, brass-coloured  
 Coated, high gloss

☐ Stainless steel, chrome coloured  
 Coated, high gloss

☐ Stainless steel with a paintwork finish  
 RAL \_\_\_\_\_

Micaceous iron ore \_\_\_\_\_

☐ Aluminium, matt anodized silver EV1

☐ Burnished brass

**Background colour mounting level / carrier system**

☐ Micaceous dark grey (DB 703)

☐ Brushed stainless steel (only door panel solution)

☐ Silver (with aluminium)

☐ Paintwork finish

RAL \_\_\_\_\_

Micaceous iron ore \_\_\_\_\_

**3. Lettering**

(see right)

**4. Installation type**

☐ Flush-mounting

☐ Surface-mounting

☐ Free-standing

☐ With ground element accessory for setting in concrete

☐ Door panel solution

☐ Glass mounting - panel

☐ Glass mounting - direct

Cable entry, only with door panel, (seen from the front)

☐ Left

☐ Right

☐ Both sides

Non-standard version

☐ Modules mounted on both sides

☐ Recessed mounting

**5. System**

Intercom system for

☐ 1+n technology

☐ In-Home bus

☐ Access

☐ DoorCom-IP

**6. Outside dimensions**

☐ I have special requirements regarding the front dimensions (W x H) in mm: \_\_\_\_\_

**External dimensions with door panel solution**

☐ External dimensions on the mounting level (W x H) in mm: \_\_\_\_\_

☐ Clear width of cut-out in the door side panel (W x H) in mm: \_\_\_\_\_

**Other requirements/remarks**

**Lettering****Fax to: +49 7723 63-72451****Font**

Standard lettering: Helvetica Medium. Other fonts available on request.

**Call buttons**

(no surcharge)

Solid buttons: Inscription by engraving

Back-lit buttons:

Inscription by printed lettering

**Large-format buttons**

Inscription by engraving

Text free of charge, symbols against surcharge

**Letterbox grip rails**

(no surcharge)

In systems with several letterboxes, their name strips are automatically engraved in accordance with the call button lettering.

**House number**

☐ 2 mm raised numbers, only available in Helvetica Condensed font.

☐ Laser cut

**Info field**

## • Film lettering

Film 3M 7725-324 in a silver colour shade with sand-blasted look for optimum contrast in combination with LED surface area lights.

## • Screen printing

As standard in silver similar to RAL 9006 for optimum reflection in combination with a LED surface area lighting.

## • Engraving

**Info panel lettering**

Please enter the inscription you require in the inscription box. Please note any special colour or font requirements next to your entry. After receiving your order, we will send you a proof for correction.

Alternatively, you can attach a prepared sample with this form sheet.

Please select the required inscription method (not house numbers):

☐ Laser cutting technology

☐ Engraving

☐ Screen printing\*\*

☐ Film lettering\*\*

☐ Black engraving

or faced in

RAL \_\_\_\_\_ \*

**Call button lettering**

Please enter here

☐ Faced in black \*(against surcharge)

Button 1 \_\_\_\_\_

Button 2 \_\_\_\_\_

Button 3 \_\_\_\_\_

Button 4 \_\_\_\_\_

Button 5 \_\_\_\_\_

Button 6 \_\_\_\_\_

Button 7 \_\_\_\_\_

Button 8 \_\_\_\_\_

Button 9 \_\_\_\_\_

Button 10 \_\_\_\_\_

**House number lettering**

Please enter here: \_\_\_\_\_

When placing your initial order, please specify all names for call button lettering / letterbox grip rails.

If this is not possible, there is a risk of colour discrepancies in subsequent deliveries.

**Inscription box 1**

Width mm

Height mm

☐ 98☐ 98☐ 238☐ 238☐ 378☐ 378☐ 518☐ 518☐ 658☐ 658**Inscription box 2**

Width mm

Height mm

☐ 98☐ 98☐ 238☐ 238☐ 378☐ 378☐ 518☐ 518☐ 658☐ 658

\* Only possible with brushed stainless steel

\*\* Not suitable for burnished brass

## Design honours



Red dot award  
product design 2002



Innovation Award  
architecture and construction  
in the category  
"products of high architectural  
quality" 2004



Good Design Award 2007

Accepted into the design  
collection of the Chicago  
Athenaeum: Museum of  
Architecture and Design



Design Award of the  
Federal Republic of Germany  
Nominated 2009



**Siedle Steel**  
**Communication and signage system**

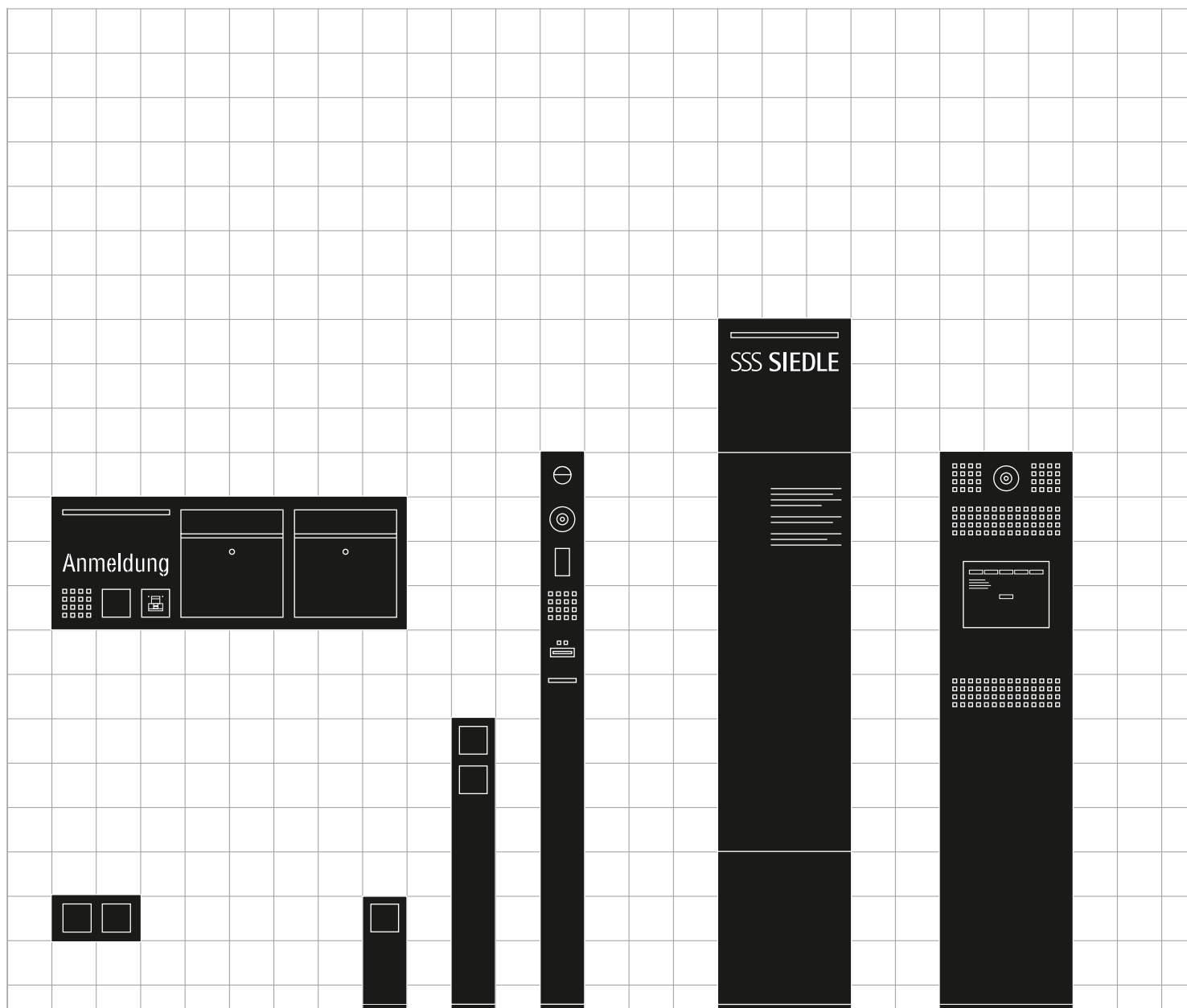
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## The whole building

A perfect reception is not limited to the entrance area alone; the door is only one of several stations passed by a visitor. The route into the building starts with the parking sign or garage entrance and only ends on reaching a certain room. Other functions come to the fore at each one of these stations: Identification of the building

and its occupants, communication or interaction with the visitor, access to the inside, followed by guidance, information and support in finding the desired destination. The communication and guidance system complies with every conceivable demand made on standardized design. It combines the unlimited scope

for variation of the high-end communication system Siedle Steel with an ergonomically optimized signage system. The result: The perfect reception - seamless and cohesive throughout the whole of the building.



**Door station**  
LED surface area light  
Lettering  
Intercom system  
Call button  
Fingerprint reader  
Letterboxes

**Wall lights**  
LED light modules

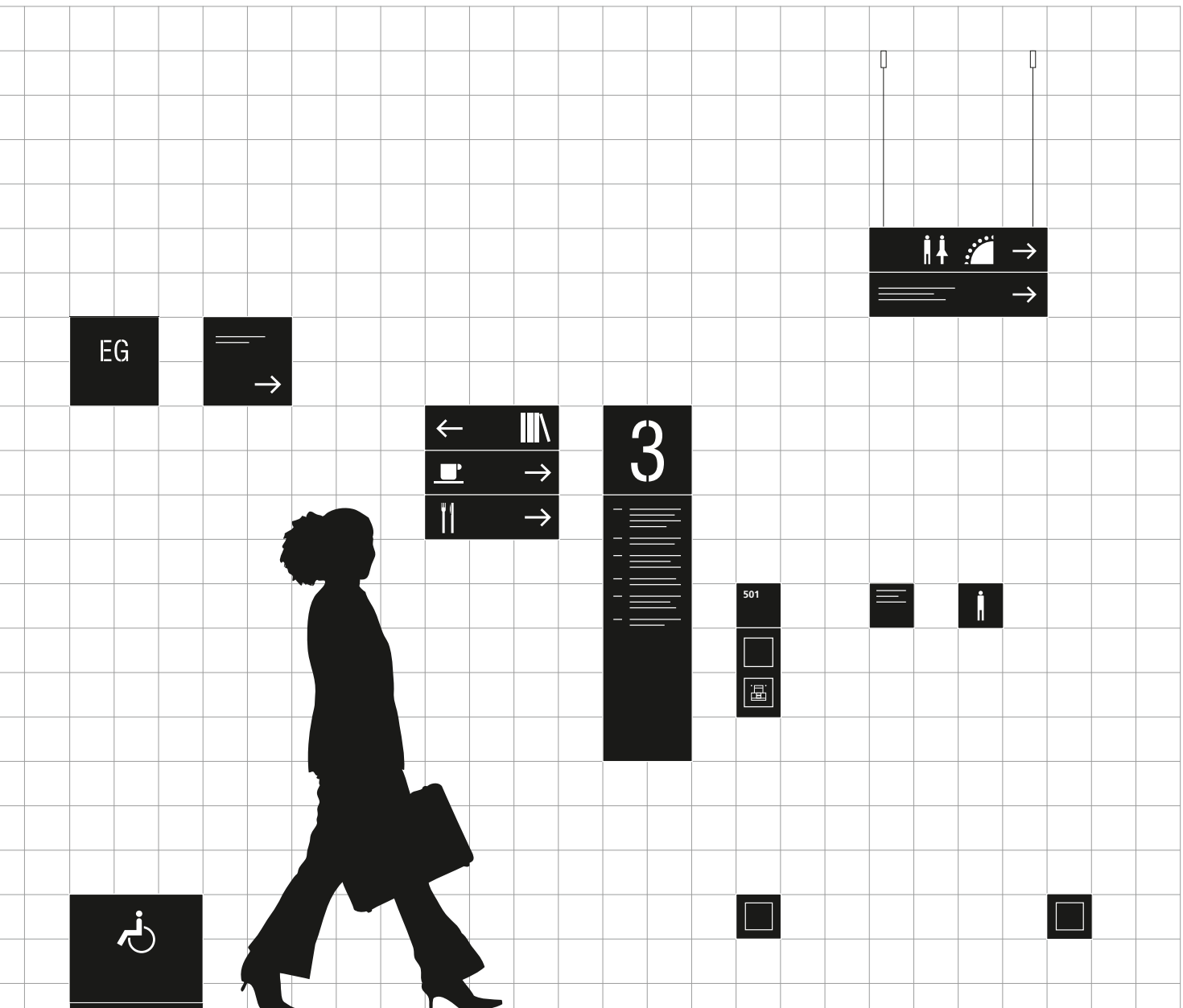
**Light pedestals**  
LED light modules

**Communication pedestal**  
Movement sensor module  
Video camera  
LED spot  
Intercom system  
Card reader  
Call button

**Free-standing information pedestal**  
LED surface area light  
Lettering

**Communication pedestal**  
Intercom system  
Video camera  
Communication terminal with touchscreen display





**Parking pedestal**  
Pictogram

**Wall signs**  
Lettering

**Wall sign**  
Pictograms

**Wall panel**  
Lettering

**Room sign and  
door station**  
Lettering  
Call button  
Fingerprint reader

**Room signs**  
Lettering  
Pictogram

**Hanging sign**  
Pictograms  
Lettering

### Light/communication pedestal



At the perimeter, on drive-ways, gates or paths: the free-standing pedestal is ideally placed wherever it most effectively fulfils its function, irrespective of walls and facades. It comes with all the right credentials - not just in terms of aesthetic appeal: All the functions are positioned at just the right ergonomic height for maximum user convenience. Fitted with LED light modules, it is transformed into a path lighting system which can be automatically controlled if required by means of movement sensor switches and photoelectric lighting controllers. A video camera, intercom systems or other functional elements turn it into a communication pedestal which opens doors and gates, which identifies, informs or receives the mail.



### Door stations



A forwarding agent needs to deliver goods, a postman to find the letterbox. Guests ring the doorbell and announce themselves, employees gain access using a numerical code or fingerprint. Visitors need light to find paths, register information and operate devices. Occupants and owners want to make an appropriate impression. They have design aspirations, aim to reflect a specific corporate image or express their own personal style. The architect aims to use certain materials, the planning bureau outlines special requirements in terms of technology and installation. The threshold is the meeting place of ideas, aspirations and requirements. In an ideal world, these should not contradict but complement each other.

Door station with laser cut header panel, film inscribed list panel, intercom system, large-area button and code lock. Every panel can be individually removed. An electromagnetic locking mechanism can optionally be used to secure valuable functional elements.



## Room signs/pictograms



### OSB 0001 E

Orientation sign in stainless steel, one-part, for individual lettering. The brushed stainless steel surface can be inscribed using foil, engraving or screen printing.  
Nameplate size (mm) W x H: 154 x 154  
Dimensions (mm) W x H x D: 154 x 154 x 11



### OSB 0002 E

Orientation sign in stainless steel, two-part, for individual lettering. The brushed surface consists of two inscription fields of equal size and can be inscribed using foil, engraving or screen printing.  
Nameplate size (mm) W x H: 154 x 76.50  
Dimensions (mm) W x H x D: 154 x 154 x 11



### OSB 0003 E

Orientation sign in stainless steel, three-part, for individual lettering. The brushed surface consists of three inscription fields and can be inscribed using foil, engraving or screen printing.  
Nameplate size (mm) W x H: 154 x 76.50 and 154 x 37.75  
Dimensions (mm) W x H x D: 154 x 154 x 11



### OSB 0004 E

Orientation sign in stainless steel, four-part, for individual lettering. The brushed surface consists of four inscription fields of equal size and can be inscribed using foil, engraving or screen printing.  
Nameplate size (mm) W x H: 154 x 37.75  
Dimensions (mm) W x H x D: 154 x 154 x 11



### OSP 0004

Orientation sign with pictogram "Cloakroom" made of brushed stainless steel.  
Dimensions (mm) W x H x D: 154 x 154 x 11



### OSP 0005

Orientation sign with pictogram "Conference" made of brushed stainless steel.  
Dimensions (mm) W x H x D: 154 x 154 x 11



### OSP 0006

Orientation sign with pictogram "Arrow" left and right made of brushed stainless steel.  
Dimensions (mm) W x H x D: 154 x 154 x 11



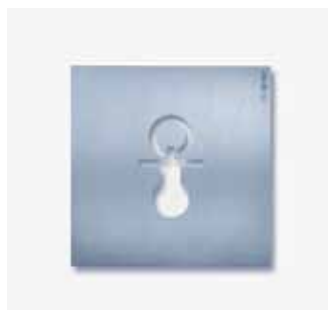
### OSP 0007

Orientation sign with pictogram "No smoking" made of brushed stainless steel.  
Dimensions (mm) W x H x D: 154 x 154 x 11



### OSP 0012

Orientation sign with pictogram "restroom" made of brushed stainless steel.  
Dimensions (mm) W x H x D: 154 x 154 x 11



### OSP 0013

Orientation sign with pictogram "Baby-care room" made of brushed stainless steel.  
Dimensions (mm) W x H x D: 154 x 154 x 11



### OSP 0014

Orientation sign with pictogram "Shower Ladies" made of brushed stainless steel.  
Dimensions (mm) W x H x D: 154 x 154 x 11



### OSP 0015

Orientation sign with pictogram "Shower Men" made of brushed stainless steel.  
Dimensions (mm) W x H x D: 154 x 154 x 11

**OSB 0005 G**

Orientation sign made of a combination of stainless steel and acrylic glass, suitable for individual lettering. Lettering takes place using film or paper between the acrylic glass and mounting plate.  
Nameplate size (mm) W x H: 113 x 154  
Dimensions (mm) W x H x D:  
154 x 154 x 11

**OSP 0001**

Orientation sign with pictogram "Library" made of brushed stainless steel.  
Dimensions (mm) W x H x D:  
154 x 154 x 11

**OSP 0002**

Orientation sign with pictogram "Restaurant/Canteen" made of brushed stainless steel.  
Dimensions (mm) W x H x D:  
154 x 154 x 11

**OSP 0003**

Orientation sign with pictogram "Cafeteria" made of brushed stainless steel.  
Dimensions (mm) W x H x D:  
154 x 154 x 11

**OSP 0008**

Orientation sign with pictogram "Smoking area" made of brushed stainless steel.  
Dimensions (mm) W x H x D:  
154 x 154 x 11

**OSP 0009**

Orientation sign with pictogram "Disabled" made of brushed stainless steel.  
Dimensions (mm) W x H x D:  
154 x 154 x 11

**OSP 0010**

Orientation sign with pictogram "Ladies" made of brushed stainless steel.  
Dimensions (mm) W x H x D:  
154 x 154 x 11

**OSP 0011**

Orientation sign with pictogram "Men" made of brushed stainless steel.  
Dimensions (mm) W x H x D:  
154 x 154 x 11

**OSP 0016**

Orientation sign with pictogram "Shower" made of brushed stainless steel.  
Dimensions (mm) W x H x D:  
154 x 154 x 11



**OSM 0001 DG** dark grey micaceous  
Aluminium mounting panel to accommodate all stainless steel panels for the orientation system.  
Dimensions (mm) W x H x D:  
154 x 154 x 8

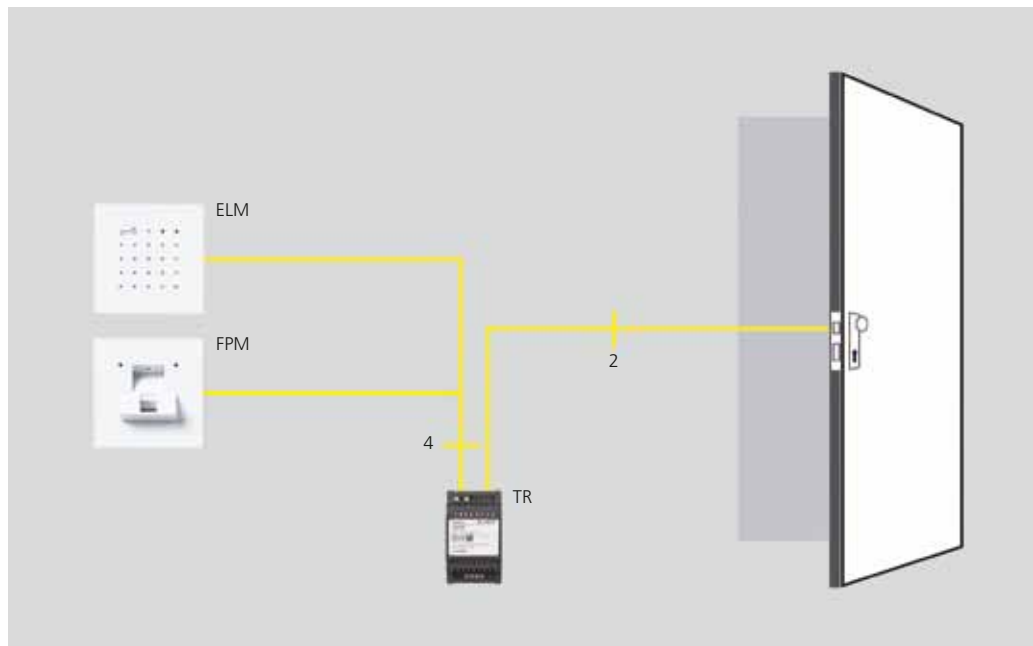




**Siedle access control systems**

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## Application and performance features



### Performance features

#### Fingerprint module (FPM 611-02):

- Up to 100 users
- Up to 5 user groups

#### Convenient

- No more lost, mislaid or forgotten keys
- Always "at hand" without searching and rummaging
- An end to heavy, bulky key rings

#### Safe

- Eliminates theft and copying of keys
- No usable traces left behind
- Identification of „live“ finger (bio detection)
- Locked mode

#### Reliable

- Unlimited outdoor use whatever the weather
- Ergonomic finger guidance
- Night design with illuminated display panel
- Reader learning capability

### Performance features

#### Electronic-key reading module (ELM 611-01):

- Up to 9 keys/cards
- Simple application
- Ideal for children and the elderly
- Keys in the form of key ring tags or cards
- No need to exchange locking system due to loss of keys

Used in isolation, the system controls one door. In a single-family home, for instance, this would be the entrance or the garage, while in commercial properties it could be the access point to sensitive areas such as archives, laboratories or data processing rooms.

Installation, mounting, commissioning and programming are simply performed by the installer and inexpensive for the user. The system is supplied ready for operation including a door release relay. In addition, it requires a power supply and door release connection (see illustration) – nothing more.

Both are omitted if the access control is integrated in a Siedle communication system; in this case it uses the same installation. In a Vario system, it can be simply retrofitted provided the necessary module slot is available.

Programming and user management require neither a PC nor any other tool, and can be performed simply by users themselves.

For stand-alone operation without controller, the fingerprint recognition system Siedle Fingerprint and the transponder system electronic key are each available for Siedle Vario, Siedle Classic and Siedle Steel.

### New

The new, modular Classic system now permits the use of access control technology. Standard systems with access control are featured on page 142, examples for non-standard solutions from page 159.



## System components, accessories



### ELM 611-01

Electronic key reading module as a contactless access control system with LED function. As reading unit of electronic keys or cards for opening doors, gates etc.

Suitable for:

- "stand-alone" mode, a maximum of 9 electronic keys or cards can be used.
- in conjunction with entrance controller EC 602-... a maximum of 999 electronic keys or cards can be used.

Programming takes place using PRI 602-... or PRI 602-... USB and provided PRS 602-...

- in conjunction with door controller IP TCIP 603-... a maximum of 500 users possible (larger systems on request).

Programming via web browser.

Operating voltage: 12 V AC

Operating current: 120 mA

Contact type: n.o. contact 24 V, 1 A

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27



### EK 601-0

Electronic key; key in conjunction with electronic key read module ELM 611-... Each electronic key is unique, completely encapsulated and works without battery. The EK 601-... can only be destroyed by inflicting mechanical damage.

Packaging unit: 3 or 10 pcs.

Dimensions (mm) W x H x D:

57 x 25.2 x 9.5

#### Please note:

If the EK 601-... is fastened to a car key ring, it may disturb the immobilizer.



### EKC 601-0

Electronic key card for use in conjunction with the Siedle Electronic key reading module ELM 611-... Each electronic card is unique, completely encapsulated and works without battery. The EKC 601-... can only be destroyed by inflicting mechanical damage.

Packaging unit: 3 or 10 pcs.

Dimensions (mm) W x H x D: 85 x 54 x 1



### FPM 611-02

Fingerprint module as access control system with function LED.

Suitable for:

- Stand-alone operation
- Operation with entrance controller EC 602-...

Programming takes place using PRI 602-... USB or PRI 602-... and provided PRS 602-...

- Operation with door controller TCIP 603-...

Programming by means of web browser

Operating voltage: 12 V AC

Operating current: max. 250 mA

Contact type: n.o. contact 24 V, 2 A

Switching time: 3 secs.

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Height of structure (mm): 17

Dimensions (mm) W x H x D:

99 x 99 x 43

#### Please note:

We recommend reading in the prints of at least 2 fingers per person to ensure that access is still possible in case of injury to one finger.

A maximum of 5 groups can be formed in "stand-alone operation". Individual fingerprints cannot be removed. Only the complete group can be removed at a time.

It is possible, particularly with children or the elderly, that fingerprints cannot be successfully scanned-in due to absent or insufficient biometric characteristics.

For test purposes, demonstration cases are available for loan to electrical installers. These can be requested through the Siedle Service. See page 368



### TR 603-0

Transformer in switch panel housing, to supply supplementary components.

Operating voltage: 230 V AC +/-10%, 50/60 Hz

Output voltage: 12 V AC

Output current: max. 1.3 A

Fusing: Secondary side with thermal fuse

Protection system: IP 30

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 3

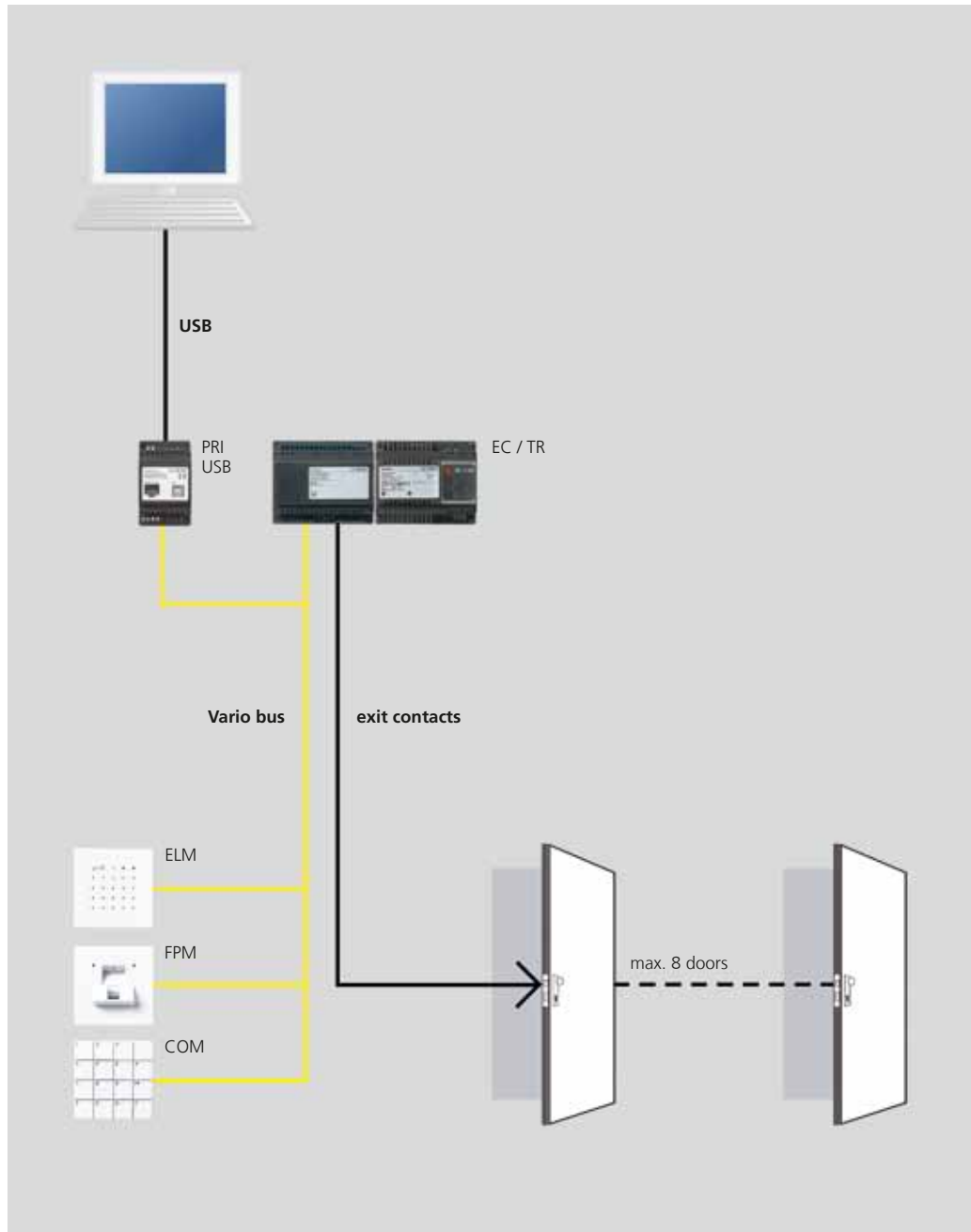
Dimensions (mm) W x H x D:

53.5 x 89 x 60

#### Please note:

To protect the modules from theft or tampering, we recommend using the anti-pilfer device. This is listed as an accessory with each of the Vario/Classic product families.

## Application and performance features



Where requirements exceed simple control of a single door, the entrance controller EC 602 is capable of networking up to eight doors. Typical fields of application include residential complexes with several entrances or commercial and office blocks of all kinds. The controller carries out a match between the data bases of the networked units. Codes only have to be programmed once for all connected doors, and fingerprints or cards only need to be read in (or deleted again) once. The central user management system considerably simplifies management where several entrances are involved, particularly as it is performed with optimum convenience by means of software on a PC. Logging is also possible via the PC interface. Alongside the door, the controller also operates additional switching contacts if required by means of code or fingerprint entry, for instance the outside light, the alarm system or a silent alarm. The entrance controller EC 602 is capable of networking the fingerprint recognition system Siedle Fingerprint, the Electronic Key transponder system and the numerical code lock, also in hybrid configurations.

### Performance features

- Networking of up to 8 doors possible
- Up to 999 keys/cards or 100 fingerprints
- Adjustable door unlocking time
- Up to 8 free switching contacts
- Convenient programming using the PC and programming software PRS 602
- Logging using the Vario bus protocol software VBPS 602 and PC interface

## System components, accessories

**ELM 611-01**

Electronic key reading module as a contactless access control system with LED function. As reading unit of electronic keys or cards for opening doors, gates etc.

Suitable for:

- "stand-alone" mode, a maximum of 9 electronic keys or cards can be used.
- in conjunction with entrance controller EC 602-... a maximum of 999 electronic keys or cards can be used.

Programming takes place using PRI 602-... or PRI 602-... USB and provided PRS 602-...

- in conjunction with door controller IP TCIP 603-... a maximum of 500 users possible (larger systems on request).

Programming via web browser.

Operating voltage: 12 V AC

Operating current: 120 mA

Contact type: n.o. contact 24 V, 1 A

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27

**EK 601-0**

Electronic key; key in conjunction with electronic key read module ELM 611-... Each electronic key is unique, completely encapsulated and works without battery. The EK 601-... can only be destroyed by inflicting mechanical damage.

Packaging unit: 3 or 10 pcs.

Dimensions (mm) W x H x D:

57 x 25.2 x 9.5

**Please note:**

If the EK 601-... is fastened to a car key ring, it may disturb the immobilizer.

**EKC 601-0**

Electronic key card for use in conjunction with the Siedle Electronic key reading module ELM 611-... Each electronic card is unique, completely encapsulated and works without battery. The EKC 601-... can only be destroyed by inflicting mechanical damage.

Packaging unit: 3 or 10 pcs.

Dimensions (mm) W x H x D: 85 x 54 x 1

**FPM 611-02**

Fingerprint module as access control system with function LED.

Suitable for:

- Stand-alone operation
- Operation with entrance controller EC 602-...

Programming takes place using PRI 602-... USB or PRI 602-... and provided PRS 602-...

- Operation with door controller TCIP 603-...

Programming by means of web browser

Operating voltage: 12 V AC

Operating current: max. 250 mA

Contact type: n.o. contact 24 V, 2 A

Switching time: 3 secs.

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Height of structure (mm): 17

Dimensions (mm) W x H x D:

99 x 99 x 43

**Please note:**

We recommend reading in the prints of at least 2 fingers per person to ensure that access is still possible in case of injury to one finger.

A maximum of 5 groups can be formed in "stand-alone operation".

Individual fingerprints cannot be removed. Only the complete group can be removed at a time.

It is possible, particularly with children or the elderly, that fingerprints cannot be successfully scanned-in due to absent or insufficient biometric characteristics.

For test purposes, demonstration cases are available for loan to electrical installers. These can be requested through the Siedle Service. See page 368

**COM 611-02**

Code lock module as an input unit for the placement of codes for control functions in conjunction with the Siedle Vario bus.

- in conjunction with entrance controller EC 602-... for setting control function and access control codes.

Programming takes place using

PRI 602-... or PRI 602-... USB and provided PRS 602-...

- in conjunction with door controller IP TCIP 603-... for setting control function and access control codes.

Programming via web browser

- Operation with call controller

RC 602-..., for programming codes for door calls, a C button to delete incorrect entries and a DR button for direct door release. This door release function can additionally be controlled by a time switch provided by the user. An integrated LED can be used via an external potential-free contact as a status indication.

Operating voltage: 12 V AC

Operating current: max. 100 mA

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27

**EC 602-03**

Entrance controller in switch panel housing for code lock module

COM 611-..., electronic key reading

module ELM 611-... or fingerprint

module FPM 611-... Display-supported

programming of integrated buttons, or

by means of PC software via additional

programming interface PRI 602-... Elec-

tronic evaluating circuit with 2 switching

outputs, extendable to 8 with

ECE 602-..., 2 control inputs for time-

controlled access rights.

Operating voltage: 12 V AC

Operating current: 150 mA

Contact type: 2 changeover switches

24 V, 2 A

Ambient temperature: 0°C to +40°C

Protection system: IP 20

Horizontal pitch (HP): 6

Dimensions (mm) W x H x D:

107 x 89 x 60

**Please note:**

To protect the modules from theft or tampering, we recommend using the anti-pilfer device. This is listed as an accessory with each of the Vario/Classic product families.

## System components, accessories



### ECE 602-0

Entry controller extension in switch panel housing. Upgrades the EC 602-... by a further 6 working contacts.  
Operating voltage: 12 V AC  
Operating current: max. 400 mA  
Contact type: 6 n.o. contacts, 24 V, 2 A  
Ambient temperature: 0°C to +40°C  
Protection system: IP 20  
Horizontal pitch (HP): 3  
Dimensions (mm) W x H x D:  
53.5 x 89 x 60



### ZRCE 602-0

Ribbon cable, each with plug at either end (appr. 35 cm long). For connection of extension units CCE/RCE/ECE 602-... with the relevant upstream unit with a line skip in the distribution.



### PRS 602-01

Programming software suitable for programming the Vario bus components. The CD contains the following software, drivers and documents:

- Call controller and call controller extension RC/RCE 602-...
  - Entrance controller and entrance controller extension EC/ECE 602-...
  - FPM 611-... firmware update
  - All necessary drivers, documentation of the display call module DRM 611-... and fingerprint module FPM 611-...
- System requirements: Windows PC, Win 2000, Win XP, Win Vista Home/Ultimate, Win 7 Home Premium/Professional (32 Bit)



### VBPS 602-01

Vario bus logging software for monitoring control functions executed via an EC/ECE 602-..., e.g. access control. The programming interface PRI 602-.../PRI 602-... USB is required.  
System requirements: Windows PC, Win NT 4.0, Win 2000, Win XP (32 Bit)



### TR 602-01

Transformer in switch panel housing, to supply supplementary components.  
Operating voltage: 230 V AC +/-10%, 50/60 Hz  
Output voltage: 12 V AC  
Output current: max. 2.5 A  
Fusing: Secondary side with thermal fuse  
Protection system: IP 20  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 6  
Dimensions (mm) W x H x D:  
107 x 89 x 60



### TR 603-0

Transformer in switch panel housing, to supply supplementary components.  
Operating voltage: 230 V AC +/-10%, 50/60 Hz  
Output voltage: 12 V AC  
Output current: max. 1.3 A  
Fusing: Secondary side with thermal fuse  
Protection system: IP 30  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 3  
Dimensions (mm) W x H x D:  
53.5 x 89 x 60



### PRI 602-0

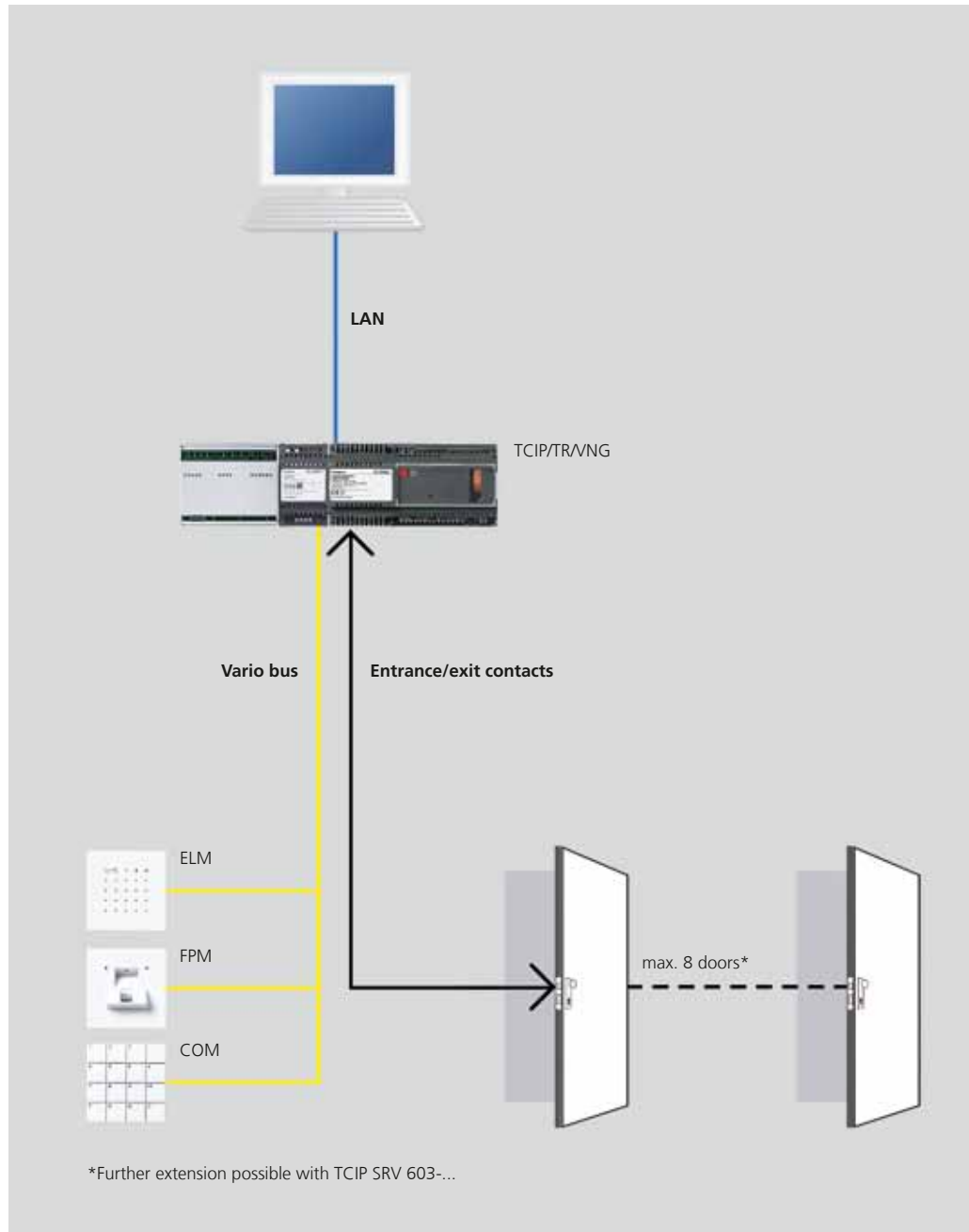
The programming interface connects an IBM-compatible Windows PC with the Vario bus system. The electronic conversion circuit is equipped with a bilateral connecting cable from Sub-D plug to 6-pin telecom/Western connector (total length appr. 3.5 m). The relevant programming software PRS 602-.../BPS 650-... is provided. A 6-pin telecom/Western socket (ZWA 640-... recommended) must be provided in conjunction with the Vario bus system.  
System requirements: Windows PC, Win 2000, Win XP/Vista (32 Bit)  
Operating voltage: 10–15 V AC  
Protection system: IP 30  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 3  
Dimensions (mm) W x H x D:  
90 x 65 x 25



### PRI 602-01 USB

The programming interface PRI 602-... USB in a switch panel housing connects a Windows PC via the USB port to the Siedle In-Home bus. Connection to the line rectifiers BNG 650-... and BVNG 650-... via ZBVG 650-... The bus programming software BPS 650-... is included in the scope of delivery. Interface to the Siedle In-Home bus via 8-pin Western socket or via screw terminals.  
Only one PRI 602-... USB can be connected to a PC.  
System requirements: Windows PC, Win 2000, Win XP/Vista (32 Bit)  
Operating voltage: 10–15 V AC or 10–30 V DC  
Protection system: IP 20  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 3  
Dimensions (mm) W x H x D:  
53.5 x 89 x 60

## Application and performance features



In conjunction with door controller IP, the Siedle access control system is capable of complying with high-level specifications in medium-sized buildings. While in terms of its price, input and complexity, the system remains easily manageable, its functional versatility extends to the field of professional access control requirements. The Ethernet interface and integrated web server make this a universally applicable system.

Typical fields of application include medium-sized companies requiring different time zones and graduated access entitlement levels for different user groups. The system allows, for instance, general access to all rooms to be afforded at any time to senior management members, while IT experts may enter the data processing room between 8.00 and 17.00 hours, and cleaning staff only from 17.00 to 18.00 hours.

The system logs all events and keeps an automatic attendance list.

For areas involving stringent security restrictions, several access control systems may be used in combination, for example fingerprint recognition as well as a code or card.

The door controller IP is capable of networking the fingerprint recognition system Siedle Fingerprint, the Electronic Key transponder system and the numerical code lock, also in hybrid configurations.

### Performance features

- Networking of up to 8 doors possible
- Ethernet interface 10/100 BaseT
- Operating system and PC software independent thanks to integrated web server
- Multiple languages
- Up to 500 users
- Management of access rights by users/ access groups
- Graduated user profile depending on access rights and sphere of work
- Flexible time profiles, 20 time profiles each with 3 time zones per day
- Time synchronization via NTP server
- Public holiday/vacation calendar
- Event memory for 1000 entries
- Attendance/absentee list
- "Anti pass back" (prevents second access attempt before previous exit)
- Enhanced security by combining identification methods
- Adjustable door unlocking time
- Additional door unlocking time, e.g. for disabled users
- Variable "Door open" time, e.g. during opening hours

- Programmable inputs for evaluation of the door release checkback contact or for door release (request to exit)
- "Door open" monitoring
- Entrance/exit reader possible

## System components, accessories



### ELM 611-01

Electronic key reading module as a contactless access control system with LED function. As reading unit of electronic keys or cards for opening doors, gates etc.

Suitable for:

- "stand-alone" mode, a maximum of 9 electronic keys or cards can be used.
- in conjunction with entrance controller EC 602-... a maximum of 999 electronic keys or cards can be used.

Programming takes place using PRI 602-... or PRI 602-... USB and provided PRS 602-...

- in conjunction with door controller IP TCIP 603-... a maximum of 500 users possible (larger systems on request).

Programming via web browser.

Operating voltage: 12 V AC

Operating current: 120 mA

Contact type: n.o. contact 24 V, 1 A

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27



### EK 601-0

Electronic key; key in conjunction with electronic key read module ELM 611-... Each electronic key is unique, completely encapsulated and works without battery. The EK 601-... can only be destroyed by inflicting mechanical damage.

Packaging unit: 3 or 10 pcs.

Dimensions (mm) W x H x D:

57 x 25.2 x 9.5

### Please note:

If the EK 601-... is fastened to a car key ring, it may disturb the immobilizer.



### EKC 601-0

Electronic key card for use in conjunction with the Siedle Electronic key reading module ELM 611-... Each electronic card is unique, completely encapsulated and works without battery. The EKC 601-... can only be destroyed by inflicting mechanical damage.

Packaging unit: 3 or 10 pcs.

Dimensions (mm) W x H x D: 85 x 54 x 1



### VNG 602-02

Video line rectifier in a switch panel housing for central supply of video door intercom systems.

Operating voltage: 230 V AC +/-10%, 50/60 Hz

Output voltage: 30 V DC

Output current: 1.1 A

Fusing: Si 1 T 200 mA, secondary side thermal fuse

Protection system: IP 20

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 10

Dimensions (mm) W x H x D:

180 x 89 x 60



### FSM 740-01

Remote switching and control module in switch panel housing with 3 inputs and 2 outputs. 3 potential-free sensor/control inputs, and 2 potential-free changeover contacts. Contact extension possible with the SCE 640-...

In conjunction with TCIP 603-... for extending the number of inputs/outputs, or in conjunction with Siedle Multi for activation and execution of switching/control functions, and for leaving messages. Switching outputs programmable. Integrated keypad with display for menu-prompted programming.

Operating voltage: 24 V DC

Operating current: max. 100 mA

Contact type: 2 changeover switches

230 V AC, 4 A, 30 V DC, 2 A

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 6

Protection system: IP 20

Dimensions (mm) W x H x D:

107 x 89 x 60



### TR 603-0

Transformer in switch panel housing, to supply supplementary components.

Operating voltage: 230 V AC +/-10%, 50/60 Hz

Output voltage: 12 V AC

Output current: max. 1.3 A

Fusing: Secondary side with thermal fuse

Protection system: IP 30

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

53.5 x 89 x 60



### SCE 640-0

Switching controller extension in switch panel housing with 8 relay contacts, common reference point. Connection via ribbon cable directly to control units such as LC 640-... or FSM 740-...

Contact type: 8 n.o. contacts 24 V DC, 1 A

Ambient temperature: 0°C to +40°C

Protection system: IP 20

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

53.5 x 89 x 60

**FPM 611-02**

Fingerprint module as access control system with function LED.

Suitable for:

- Stand-alone operation
- Operation with entrance controller EC 602-...
- Operation with door controller TCIP 603-...

Programming takes place using PRI 602-... USB or PRI 602-... and provided PRS 602-...  
 Programming by means of web browser  
 Operating voltage: 12 V AC  
 Operating current: max. 250 mA  
 Contact type: n.o. contact 24 V, 2 A  
 Switching time: 3 secs.  
 Protection system: IP 54  
 Ambient temperature: -20°C to +55°C  
 Height of structure (mm): 17  
 Dimensions (mm) W x H x D:  
 99 x 99 x 43

**Please note:**

We recommend reading in the prints of at least 2 fingers per person to ensure that access is still possible in case of injury to one finger.

A maximum of 5 groups can be formed in "stand-alone operation".  
 Individual fingerprints cannot be removed. Only the complete group can be removed at a time.

It is possible, particularly with children or the elderly, that fingerprints cannot be successfully scanned-in due to absent or insufficient biometric characteristics.

For test purposes, demonstration cases are available for loan to electrical installers. These can be requested through the Siedle Service. See page 368

**COM 611-02**

Code lock module as an input unit for the placement of codes for control functions in conjunction with the Siedle Vario bus.

- in conjunction with entrance controller EC 602-... for setting control function and access control codes.
  - in conjunction with door controller IP TCIP 603-... for setting control function and access control codes.
- Programming takes place using PRI 602-... or PRI 602-... USB and provided PRS 602-...  
 Programming via web browser  
 • Operation with call controller RC 602-..., for programming codes for door calls, a C button to delete incorrect entries and a DR button for direct door release. This door release function can additionally be controlled by a time switch provided by the user. An integrated LED can be used via an external potential-free contact as a status indication.  
 Operating voltage: 12 V AC  
 Operating current: max. 100 mA  
 Protection system: IP 54  
 Ambient temperature: -20°C to +55°C  
 Dimensions (mm) W x H x D:  
 99 x 99 x 27

**TCIP 603-03**

Door controller IP TCIP 603-... as a control unit for management of access entitlement in private homes and commercial properties.

It is operated directly via a PC network (Ethernet standard 10/100 Mbit). Operation takes place using Microsoft Internet Explorer, current Version.

- Actuation possible via code lock module COM 611-..., electronic key reading module ELM 611-... or fingerprint module FPM 611-... To increase security, two different access modules – e.g. COM /FPM 611 – can be used in combination.
  - Password protected
  - Central management in the network via any optional PC (Internet Explorer current version)
  - Logging of access and system data
  - Attendance/absentee list as log (when using separate entrance and exit readers, i.e. 2 readers per door)
  - 5 entrances (e.g. door contacts)
  - 4 exits (e.g. door release)
  - with FSM 740-... and SCE 640-... extension possible by 3 further inputs and 10 outputs
  - Connection to Ethernet via RJ45 interface
  - LEDs for status display of entrances
  - 20 different time models possible
  - Max. 40 access groups
  - Management of up to 8 doors
  - Max. 500 users with 4 characteristics per user such as fingerprint, card or code
  - Max. 100 fingerprints can be scanned in
  - Variable public holiday and vacation profiles
  - Automatic time changeover (summer-time / normal time)
- Operating voltage: 10–36 V  
 Operating current: max. 700 mA  
 Contact type: n.o. contact  
 15 V AC/30 V DC, 2 A  
 Protection system: IP 20  
 Ambient temperature: 0°C to +40°C  
 Dimensions (mm) W x H x D:  
 131 x 111 x 52

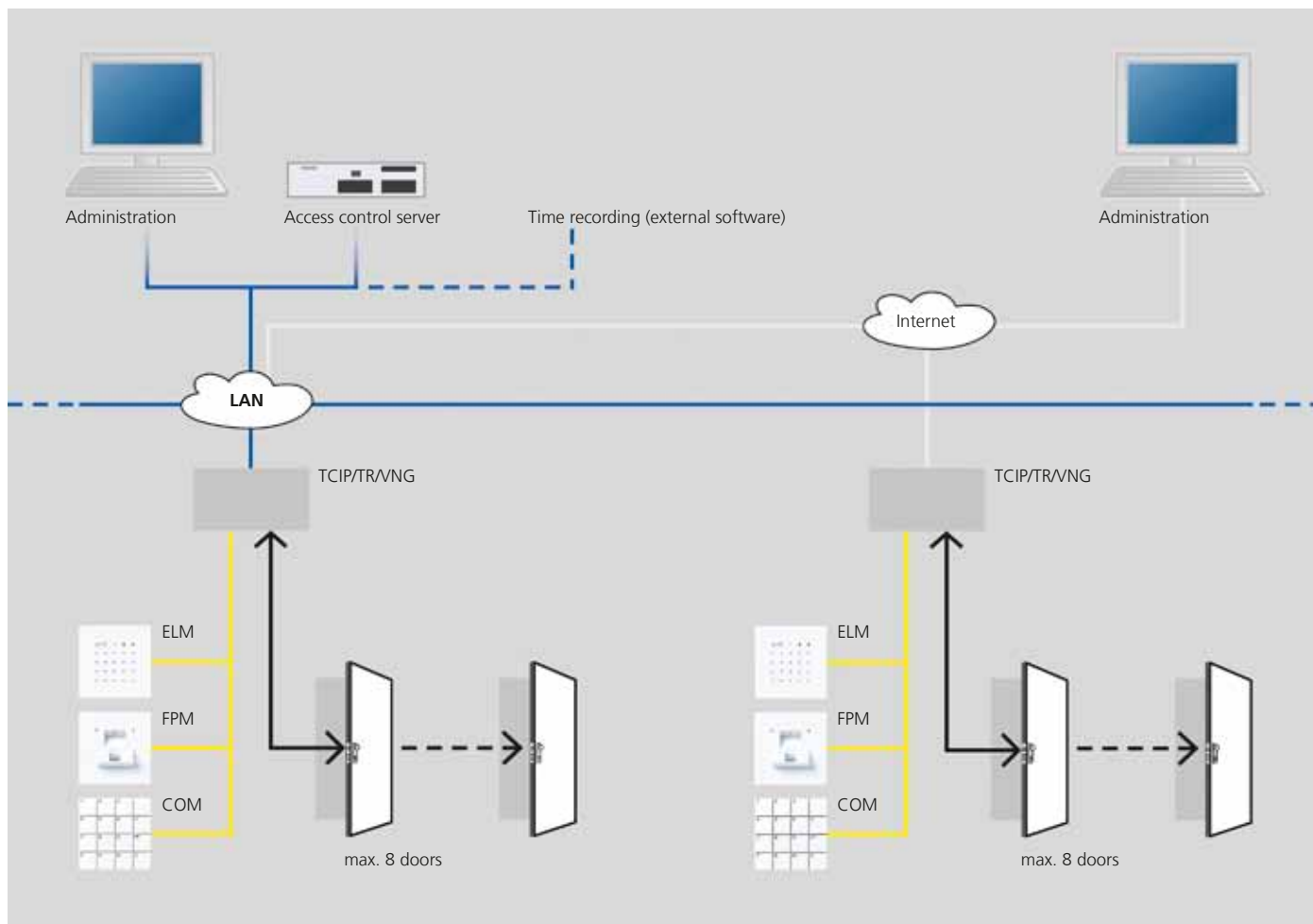
**Please note:**

For more information, please contact your local representative.  
 See page 368

To protect the modules from theft or tampering, we recommend using the anti-pilfer device. This is listed as an accessory with each of the Vario/Classic product families.



## Application and performance features



The door controller IP upgrades the functionality of Siedle access control, extending its suitability to professional security applications. The Ethernet interface and integrated web server make this a universally applicable system. And with the server software which interlinks several door controllers, several locations can be linked and jointly managed - even by remote accessing over the Internet. Using the server mode, there are practically no longer any restrictions in terms of the number of locations, entrances, users, time profiles or the event memory.

### Functions

- Central management
- Operating system-independent through the web server
- Over 1000 persons with authorized access
- Free allocation of access rights and times
- Investment security: Update capability, upgrade and extension capability
- Combination of several identification modes
- Maximum security level: e.g. through door release and sabotage monitoring, event memory, anti-passback function
- Simple operation of barrier-free entrance points with access control (additional opening hours)
- Link to time recording software by means of open database interface
- Facility for local and/or remote administration

For more information on the possibilities of linking to building automation systems, contact the Siedle System Integrators.  
See page 368



## System components, accessories



### TCIP 603-03

Door controller IP TCIP 603-... as a control unit for management of access entitlement in private homes and commercial properties.

It is operated directly via a PC network (Ethernet standard 10/100 Mbit). Operation takes place using Microsoft Internet Explorer, current Version.

- Actuation possible via code lock module COM 611-..., electronic key reading module ELM 611-... or fingerprint module FPM 611-.... To increase security, two different access modules – e.g. COM /FPM 611 – can be used in combination.
- Password protected
- Central management in the network via any optional PC (Internet Explorer current version)
- Logging of access and system data
- Attendance/absentee list as log (when using separate entrance and exit readers, i.e. 2 readers per door)
- 5 entrances (e.g. door contacts)
- 4 exits (e.g. door release)
- with FSM 740-... and SCE 640-... extension possible by 3 further inputs and 10 outputs
- Connection to Ethernet via RJ45 interface
- LEDs for status display of entrances
- 20 different time models possible
- Max. 40 access groups
- Management of up to 8 doors
- Max. 500 users with 4 characteristics per user such as fingerprint, card or code
- Max. 100 fingerprints can be scanned in
- Variable public holiday and vacation profiles
- Automatic time changeover (summer-time / normal time)

Operating voltage: 10–36 V

Operating current: max. 700 mA

Contact type: n.o. contact

15 V AC/30 V DC, 2 A

Protection system: IP 20

Ambient temperature: 0°C to +40°C

Dimensions (mm) W x H x D:

131 x 111 x 52



### TCIP SRV 603-0

The Door controller IP server

TCIP SRV 603-... is used to network several door controllers IP TCIP 603-... and to extend the maximum number of users which can be managed to over 500.

Frequent settings and changes under the headings Time profiles, Public holidays/vacation, Access groups and users are centrally managed and stored for several TCIP 603-... units.

- Password protected
- Central management in the network via any optional PC (Internet Explorer current version)
- Logging of access and system data
- Attendance/absentee list as log (when using separate entrance and exit readers, i.e. 2 readers per door)
- Over 500 users, depending on the capacity of the network
- Max. 100 fingerprints can be scanned in
- Local configuration of menu points Inputs, Outputs, Readers, Network, System time/Time change and Doors
- Automatic time adjustment (when accessing NTP time server)

For advice, planning assistance and quotations, please ring our Hotline +49 7723 63-434 or contact your national agent.



### VNG 602-02

Video line rectifier in a switch panel housing for central supply of video door intercom systems.

Operating voltage: 230 V AC +/-10%, 50/60 Hz

Output voltage: 30 V DC

Output current: 1.1 A

Fusing: Si 1 T 200 mA, secondary side thermal fuse

Protection system: IP 20

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 10

Dimensions (mm) W x H x D:

180 x 89 x 60

#### Please note:

For more information, please contact your local representative.

See page 368

## Design honours Indoor stations



Red dot design award  
winner 2007  
„best of the best“



Innovation & Design Award  
Top Selection  
LivinLuce EnerMotive 2007



iF Product Design Award  
2007



International Design Award  
Baden-Württemberg 2007



Delta Award ADI-FAD  
Barcelona 2007



User convenience tested Uni-  
versal Design IDZ 2008



Red dot design award  
winner 2008



Good Design Award 2008  
  
Accepted into the design coll-  
ection of the Chicago Athe-  
naeum: Museum of Architec-  
ture and Design



Design Award of the  
Federal Republic of Germany  
Nominated 2009

## Siedle Scope



Universal design award  
2011



GIT Security Award  
Winner 2011



Interior Innovation Award  
Winner 2011



Good Design Award 2011  
  
Accepted into the design  
collection of the Chicago  
Athenaeum: Museum of  
Architecture and Design



German Design Prize  
Nominated 2012



## Indoor stations

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## Model overview

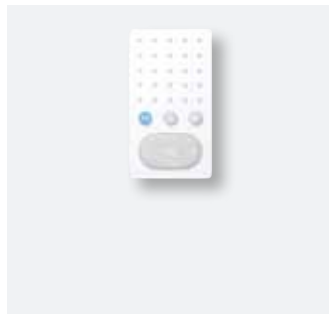
### Audio



Standard in-house telephone for the In-Home bus, 1+n technology and 6+n technology



Comfort in-house telephone for the In-Home bus and 1+n technology



Standard handsfree telephone for the In-Home bus



Comfort handsfree telephone intercom for the In-Home bus

### Table-tops



In-house and handsfree telephones are supplied as ready-to-install complete units. The minimal housing depth does away with the need for flush-mounting. The length and width of the handsfree telephones are also highly compact without compromising ergonomic aspects and ease of operation.

All the models can be transformed quickly and simply into table-top units by mounting a table-top foot with connecting cable. The difference between the two versions reflects the requirements of ergonomics. Telephones without a monitor are positioned at an angle of 5 degrees by a plate mounted at right angles - the ideal position

for a hand to grip the receiver or a finger tip to press buttons. By contrast, the colour monitors of the video versions require a greater incline to ensure optimum legibility of the display.

#### Overview of table-top accessories

Device	Accessories (mm) W x H x D	Table-top accessory	Provide junction box on site
In-house telephones 1+n technology			
HTS 811-...	91 x 201 x 46	ZTS 800-01	UAE 8
HTC 811-...	106 x 201 x 46	ZTC 800-0	UAE 8/8
Bus telephones In-Home bus			
BTS 850-...	91 x 201 x 46	ZTS 800-01	UAE 8
BTC 850-...	106 x 201 x 46	ZTC 800-0	UAE 8
BTSV 850-...	106 x 278 x 46	ZTCV 850-0	UAE 8
BTCV 850-...	106 x 278 x 46	ZTCV 850-0	UAE 8
Handsfree In-Home bus telephones			
BFS 850-...	91 x 164 x 27	ZTS 800-01	UAE 8
BFC 850-...	91 x 201 x 27	ZTS 800-01	UAE 8
BFSV 850-...	106 x 278 x 27	ZTCV 850-0	UAE 8
BFCV 850-...	106 x 278 x 27	ZTCV 850-0	UAE 8
In-house telephone Access			
AHT 870-...	106 x 278 x 51	AZTV 870-0	UAE 8/8
AHTV 870-...	106 x 278 x 51	AZTV 870-0	UAE 8/8
Handsfree Access telephones			
AHF 870-...	106 x 278 x 32	AZTV 870-0	UAE 8/8
AHFV 870-...	106 x 278 x 32	AZTV 870-0	UAE 8/8

## Model overview

### Video



Standard in-house telephone with 8.8 cm display colour monitor for the In-Home bus



Comfort in-house telephone with 8.8 cm colour monitor for the In-Home bus and Access



Standard handsfree bus telephone with 8.8 cm colour monitor for the Siedle In-Home bus



Comfort handsfree telephone intercom with 8.8 cm colour monitor for the Siedle In-Home bus and Access

### Table-tops



**Please note:**  
Depending on the installation system, certain details of the functional scope and of the control buttons differ. These are not taken into consideration in this overview. An overview is provided in the table "System performance features" in the chapter Intercom systems.

### Preliminary mounting and pre-installation



1. Preliminary mounting and pre-installation:  
While the building site is in full swing, only the base plate is screwed into place and the wiring carried out.



2. Final mounting:  
Only once the rough, dirty work has been completed and site cleared does the electrical installer clip the terminal onto the prepared base plate.



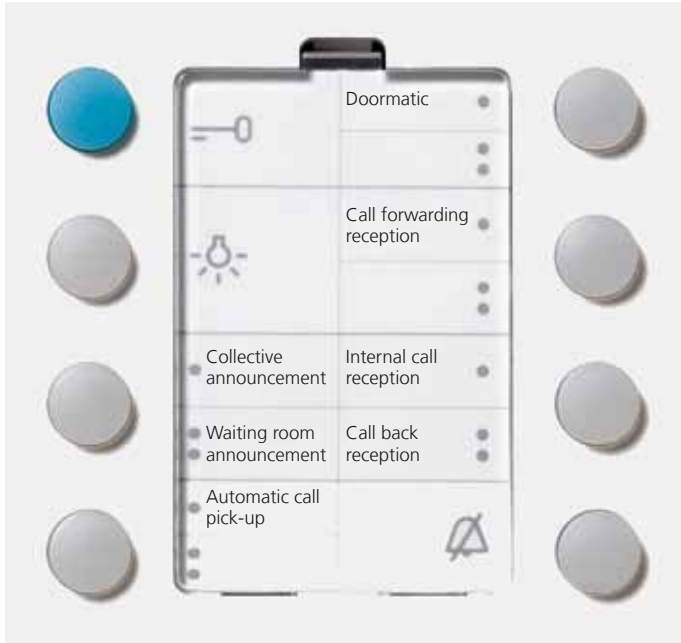
3. Ready:  
Thanks to Plug+Play technology, programming takes care of itself.

### Mounting and installation in two stages

The carefully conceived installation procedure in two work steps clearly demonstrates that Siedle call stations were designed to withstand tough practical application on building sites. The basic installation can be performed at a very early stage, but the high-grade housing and the electronic circuitry are only attached right at the end of the construction phase. This ensures maximum security from theft or damage on the building site. The upper section is mounted without the use of tools, clicks safely into place and remains firmly in position. However, it is still easily removed again, for example to permit servicing work or renovation.

Tip:  
Remember to inform your customers about this feature; this will benefit them when renovating their walls.

## Intercom functions



With the comfort models of the bus in-house telephones and in particular the hands-free telephones, an internal intercom and call system can be created without additional accessories. The devices already encompass the necessary functions:

- Programmable function keys
- Call forwarding
- Internal and group call
- Automatic call pick-up\*
- Callback function\*

The comfort handsfree telephones can be switched to automatic call pickup for intercom application. They are automatically activated when they receive a call. This allows the caller to speak into the room or make an announcement and the call recipient to reply immediately without actuating a button. This function can be useful in a variety of situations:

- In houses or apartments with several floors
- Between main buildings and annexes
- In surgeries and practices
- In all kinds of waiting rooms
- For persons who are bed-ridden or have restricted mobility

Tip:

Draw the attention of your customers to the intercom functions. This is a good sales argument for opting for a comfort model instead of a standard telephone or for extending the door intercom to include an additional call station.

\* Only for handsfree bus telephones

## Materials and surface finishes Standard



### White

Housing and receiver in white plastic; control buttons are translucent  
Order code: ... W  
(Example: BTS 850-... W)



### Aluminium/Translucent

Panel in anodized aluminium; housing, receiver and control buttons are translucent  
Order code: ... A/T



### Stainless steel/Black

Panel in brushed stainless steel, natural finish; housing, receiver and control buttons are black  
Order code: ... E/S

## Individual



### High gloss white/Translucent

Panel in stainless steel, high gloss paintwork finish in RAL 9016; housing, receiver and control buttons are translucent  
Order code: ... WH/T



### High gloss black/Translucent

Panel in stainless steel, high gloss paintwork finish in RAL 9005; Housing, receiver and control buttons are translucent  
Order code: ... SH/T



### Stainless steel/Translucent

Panel in brushed stainless steel, natural finish; housing, receiver and control buttons are translucent  
Order code: ... E/T



### Chrome/Translucent

Panel in polished\* stainless steel, galvanically chrome plated; housing, receiver and control buttons are translucent  
Order code: ... EC/T



### High gloss white/Black

Panel in stainless steel, high gloss paintwork finish in RAL 9016; housing, receiver and control buttons are black  
Order code: ... WH/S



### High gloss black/Black

Panel in stainless steel, high gloss paintwork finish in RAL 9005; housing, receiver and control buttons are black  
Order code: ... SH/S



### Aluminium/Black

Panel in anodized aluminium; housing, receiver and control buttons are black  
Order code: ... A/S



### Chrome/Black

Panel in polished\* stainless steel, galvanically chrome plated; housing, receiver and control buttons are black  
Order code: ... EC/S

## Manufacture



Individual paintwork finish in compliance with RAL colour chart

### Individual imprints and logos

The call station as a means of advertising and conveying messages: We can include logos or other graphics in our manufacturing program, either as a one-off or in small production runs. Prices and delivery periods on request.



**Gold/Translucent**

Panel in polished\* stainless steel with real gold plating; housing, receiver and control buttons are translucent  
Order code: ... EG/T

**Wenge/Translucent**

Panel in precious wood veneer\*\*, open-pored seal; housing, receiver and control buttons are translucent  
Order code: ... HW/T

**Bamboo/Translucent**

Panel in bamboo veneer\*\*, open-pored seal; housing, receiver and control buttons are translucent  
Order code: ... HB/T

**Gold/Black**

Panel in polished\* stainless steel with real gold plating; housing, receiver and control buttons are black  
Order code: ... EG/S

**Wenge/Black**

Panel in precious wood veneer\*\*, open-pored seal; housing, receiver and control buttons are black  
Order code: ... HW/S

**Bamboo/Black**

Panel in bamboo veneer\*\*, open-pored seal; housing, receiver and control buttons are black  
Order code: ... HB/S

\* Rear panel not polished

\*\* Rear panel in stainless steel with paintwork finish to match the colour of the wood

The cordless alternative



### One for all

The cordless alternative: Siedle Scope is a mobile video call station and DECT™ telephone in one. Scope shows who is at the door - from anywhere in the house, on the terrace or in the garden. With the whole range of functions provided by a video call station for the In-Home bus, inclusive of hands-free function and door release button. At the same time, Siedle Scope is a fully functional cordless public network telephone with a whole range of convenience features. The ideal complement to a fixed call station and the ideal retrofit unit for existing video systems.

### Problem solver

#### The assignment

The doorbell rings, and the video call station shows who is standing outside the door. The trouble is, there is not a member of the household standing constantly in front of the monitor. But in the basement, the garden, on the terrace, in the bathroom or in bed.

#### The solution

Video call station  
Siedle Scope takes the door image to wherever the resident happens to be. Scope naturally also establishes the speech connection, releases the door and switches on the light.

#### The assignment

Anyone who uses a mobile phone with them is not keen on carrying around a second mobile device. One unit should have the capability to cover all the most frequently needed applications.

#### The solution

Public network telephone  
Siedle Scope is a fully functional DECT telephone with all the important telephony functions. This naturally includes an ECO mode and compatibility with other DECT devices.

#### The assignment

Sometimes speech, vision and door release are not enough. For instance you may wish to control different lighting scenarios, shutters or the garage door.

#### The solution

Convenient remote operation  
Siedle Scope offers a range of control functions and programmable buttons, just like any of Siedle's comfort telephones. These functions turn the unit into a mobile switchboard which is also able to communicate with other In-Home bus devices - even handsfree (Intercom).

#### The assignment

The resident is away from home and wishes to answer door calls remotely.

#### The solution

Siedle Scope takes on the role of interface between door communication and public network telephony. The door call can be rerouted to any telephone number, whether landline or mobile.

Siedle Scope =  
Comfort video in-house telephone  
+ DECT telephone  
+ Siedle DoorCom

### Highlights

- Exclusive design with high-grade materials and fine workmanship
- Ergonomically optimized styling and user prompting
- Individual design concept with six design variants
- High range and excellent speech quality thanks to DECT standard
- Large colour display
- Video surveillance with zoom and swivel function
- Handsfree function
- Control of house functions such as light, garage door or shutters
- Communication between Scope and all other In-Home devices
- Upgradable: Up to 8 cordless handsets in parallel
- ECO mode with reduced transmission output
- Energy-saving line rectifiers
- Compatible with DECT telephones of other makes in compliance with GAP profile

Applications

1. One-family home

Siedle Scope takes charge of all communication to the door and to the landline. Scope comprises a base station linked to the In-Home bus and the telephone connection, the charging tray and the cordless handset.

2. One-family home with telephone system

Siedle Scope supplements a video call station, and can also be linked to a telephone system. In either application, it functions in parallel to the other devices, is able to communicate internally in both networks and forms an interface between door communication and public network telephony.

3. Multiple-family home or mixed use

In larger installations based on the In-Home system, Siedle Scope can be integrated into any required configuration of applications. Depending on the residents or type of use, Scope can be the only call station, part of an In-Home device family or can be used to create an interface between the door and public network telephony.

Materials and colours

The housing body of the charging tray and cordless handset is made of black plastic. A stainless steel or aluminium panel at the front and back determines the look and character of the device.



Stainless steel  
Order code: ... E/S



Aluminium  
Order code: ... A/S



High gloss white  
(RAL 9016)  
Order code: ... WH/S

Siedle Scope mobile video call station and cordless landline telephone			
Designation	Purchase order key	Country	Country abbreviation
S 850-0	E/S	Germany	DE
	A/S	Austria	AT/CH/IT/ES
	WH/S	Switzerland	AT/CH/IT/ES
	SH/S	Italy	AT/CH/IT/ES
	EG/S	Spain	AT/CH/IT/ES
	EC/S	Belgium	BE/LU
		Luxembourg	BE/LU
		Denmark	DK/NO/SE
		Norway	DK/NO/SE
		Sweden	DK/NO/SE
		France	FR
		Holland	NL
		Poland	PL
		UK	GB
		USA	US/CA
		Canada	US/CA
Purchase order example 1: (Stainless steel/Germany)			
S 850-0 E/S DE			
Purchase order example 2: (Stainless steel/Norway)			
S 850-0 E/S DK/NO/SE			
Additional design variants on request			



High gloss black  
(RAL 9005)  
Order code: ... SH/S



Gold  
Order code: ... EG/S



Chrome  
Order code: ... EC/S

Siedle Scope supplementary cordless handset with charging tray			
Designation	Purchase order key	Country	Country abbreviation
SZM 850-0	E/S	Germany	EU
	A/S	Austria	EU
	WH/S	Switzerland	EU
	SH/S	Italy	EU
	EG/S	Spain	EU
	EC/S	Belgium	EU
		Luxembourg	EU
		Denmark	EU
		Norway	EU
		Sweden	EU
		France	EU
		Holland	EU
		Poland	EU
		UK	GB
		USA	US/CA
		Canada	US/CA

Purchase order example: (Stainless steel/Germany)

SZM 850-0 E/S EU

Additional design variants on request

Siedle Scope cordless handset	
Purchase order code	Weight (kg)
E/S	0.26
EG/S	0.26
EC/S	0.26
A/S	0.19
WH/S	0.19
SH/S	0.19



A completely new form of door communication: In the home, at the home or anywhere else in the world: The Siedle App\* monitors the threshold of your home. It receives the door call, provides a moving video image, establishes a speech connection and opens the door. Naturally with all the benefits of built-in security and every convenience, for instance a video memory. The iPhone or iPad becomes the indoor station of the door intercom system and at the same time also the control centre for the home. The Siedle App internally establishes a connection to other Access users and permits the operation of Siedle Access control and automation functions.

#### **Highlights:**

- for WLAN and mobile communication network
- Building communication and home automation in a single application
- Moving video image
- Variable image refresh rate depending on the available bandwidth
- Flexible transmission: If the connection quality deteriorates, the audio connection has first priority, then the data channel is used. The App automatically selects the best available connection to ensure that functionality is maintained as long as possible.
- Reliable door release function with confirmation request against unintentional opening
- Full integration into the Apple operating concept including switchover between landscape and portrait format, gesture control, overlay function and individual dashboard
- Automatic messaging and auto login

#### **Function overview**

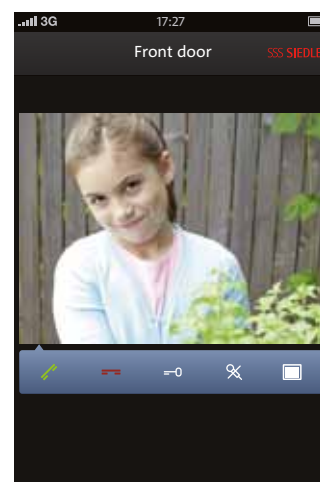
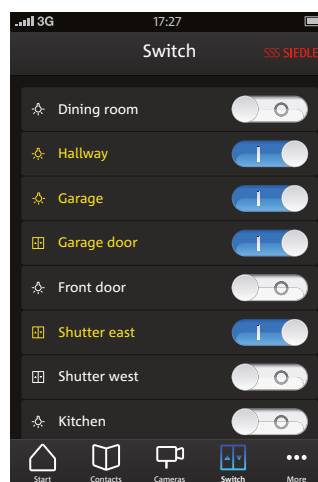
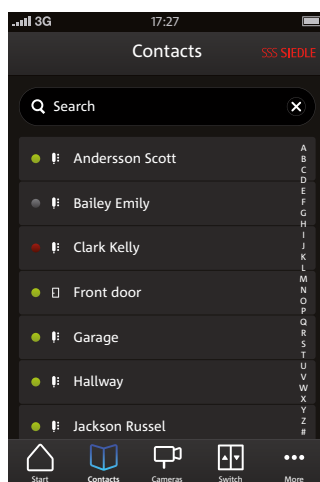
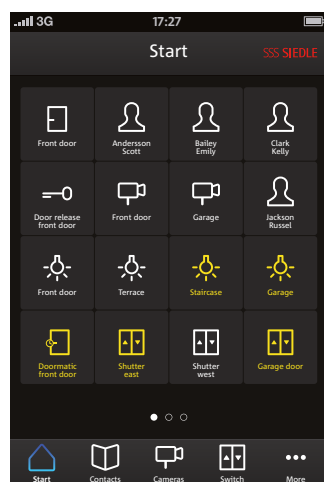
- Audio and video door calls
- Internal calls with Access system users
- Manual door dialling
- Secure door release function
- Doormatic function on/off
- Video switchover between landscape and portrait format
- Handsfree function
- In-call volume adjustment possible
- Microphone muting
- Switching and control functions such as light, garage door or shutters
- Personal address book (Access)
- Access, display, copy or delete the video memory from the Access server
- Manual video memory function on the Access Server
- Delivery of images by e-mail
- Different ringtones
- Home page with individually collated functions
- Multiple languages (German, English, French, Italian, Dutch, Danish, Swedish, Spanish, Polish, Russian)

\* The Siedle App is a system component of Siedle Access and not available for other installation systems.



The Siedle App for iPhone and iPad\* is available from the App Store.

The Siedle App for iPhone and iPad\* unites the strengths of two different worlds: Siedle defines the aspirations of operational safety and reliability. Apple sets the standards for operating simplicity. Together, these attributes offer mobile access to door communication on the very highest level.



\* The Siedle App is a system component of Siedle Access and not available for other installation systems.





## Intercom systems

### In-Home bus

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#### Audio

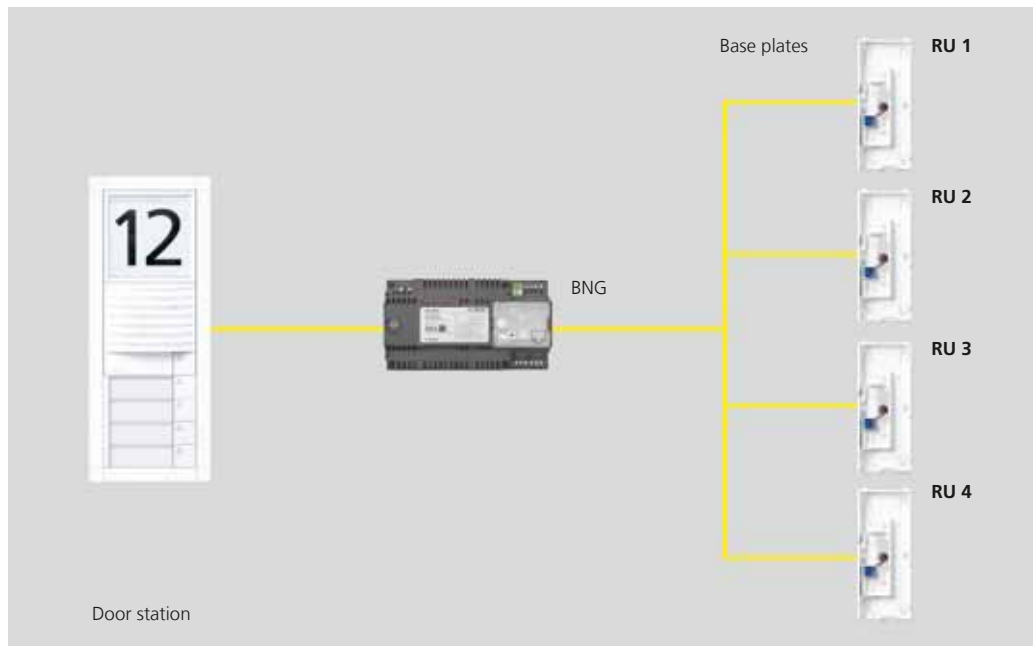
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## Commissioning concept

### Automatic programming plug+play



The term „Plug+Play“ comes from the computer sector and denotes equipment which is ready to be simply plugged in and used. No configuration, no programming. Precisely the same is meant by the term at Siedle. For programming and commissioning an In-Home bus system with the new components, there is now nothing further required. No second person to assist, no special expertise, no PC, no other devices.

Not even tools.

„Plug+Play“ applies to the most important programming, the assignment of call stations to call buttons. Extensions, for instance parallel call or switching and control functions are additionally programmed manually or by PC – also at a later date.

#### Conditions for Plug+Play:

Automatic programming only works for systems composed completely of the new generation of devices:

- BTS/BTC/BTSV/BTCV/BFS/BFSV/BFC/BFCV 850-...,
  - BNG/BVNG 650-... and
  - BTLM 650-03/-04 with BTM 650-01 to BTM 650-04
  - CL A xx B-02, CL V xx B C-02
- or
- BTLE 051-03
  - Select door station audio/video and compact video
  - Select letterbox audio/video

Hybrid operation with predecessor models is usually possible without problems, but this type of combined system will need to be programmed using the previous methods (manually or software-aided).

1. The installer mounts and wires the door station, bus line rectifiers and the base plates of the bus telephones / handsfree bus telephones.



2. He presses the programming button for five seconds at the bus line rectifier. The system is now in the programming mode.

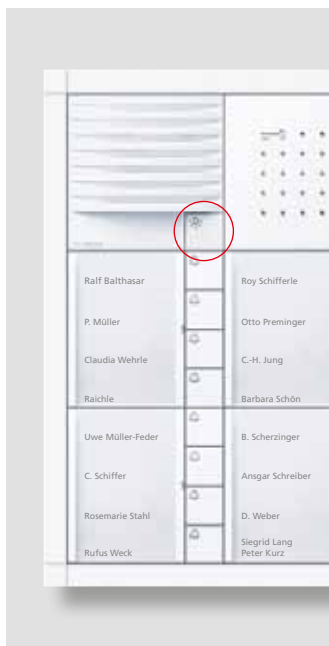


3. The installer now goes through the apartments and clips the bus telephones / handsfree bus telephones onto the base plates. Without using tools. Every new call station logs into the system and is programmed to the next free call button. Automatically.



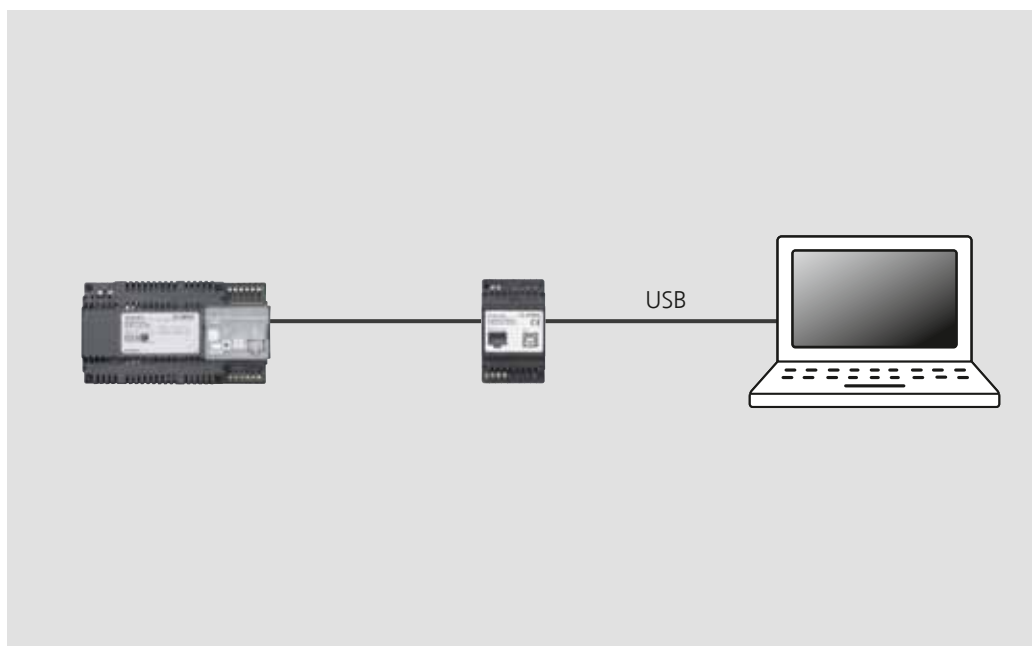
4. Finally, the installer presses the programming button at the bus line rectifier again. Finished.

## Manual programming



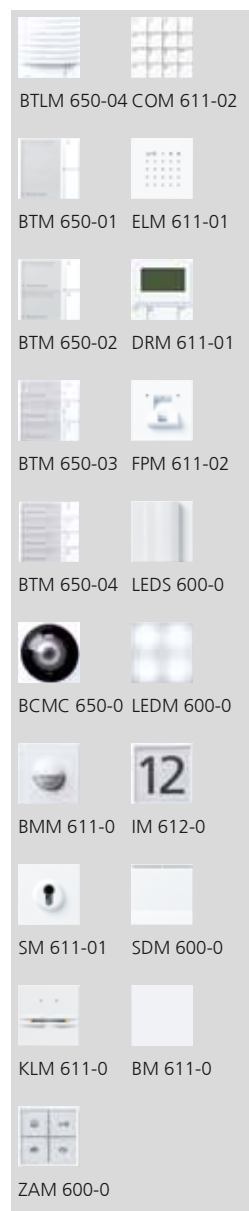
Even using manual programming (Teach-In) the In-Home bus can be conveniently and cheaply programmed by only a single installer. This entails activating all devices in turn and assigning them the relevant functions. Compared to automatic plug+play programming, additional functions such as parallel or internal calls can also be programmed. Manual programming can even be carried out using the storey call button: an added benefit if not all the residents are at home.

## Programming with PC

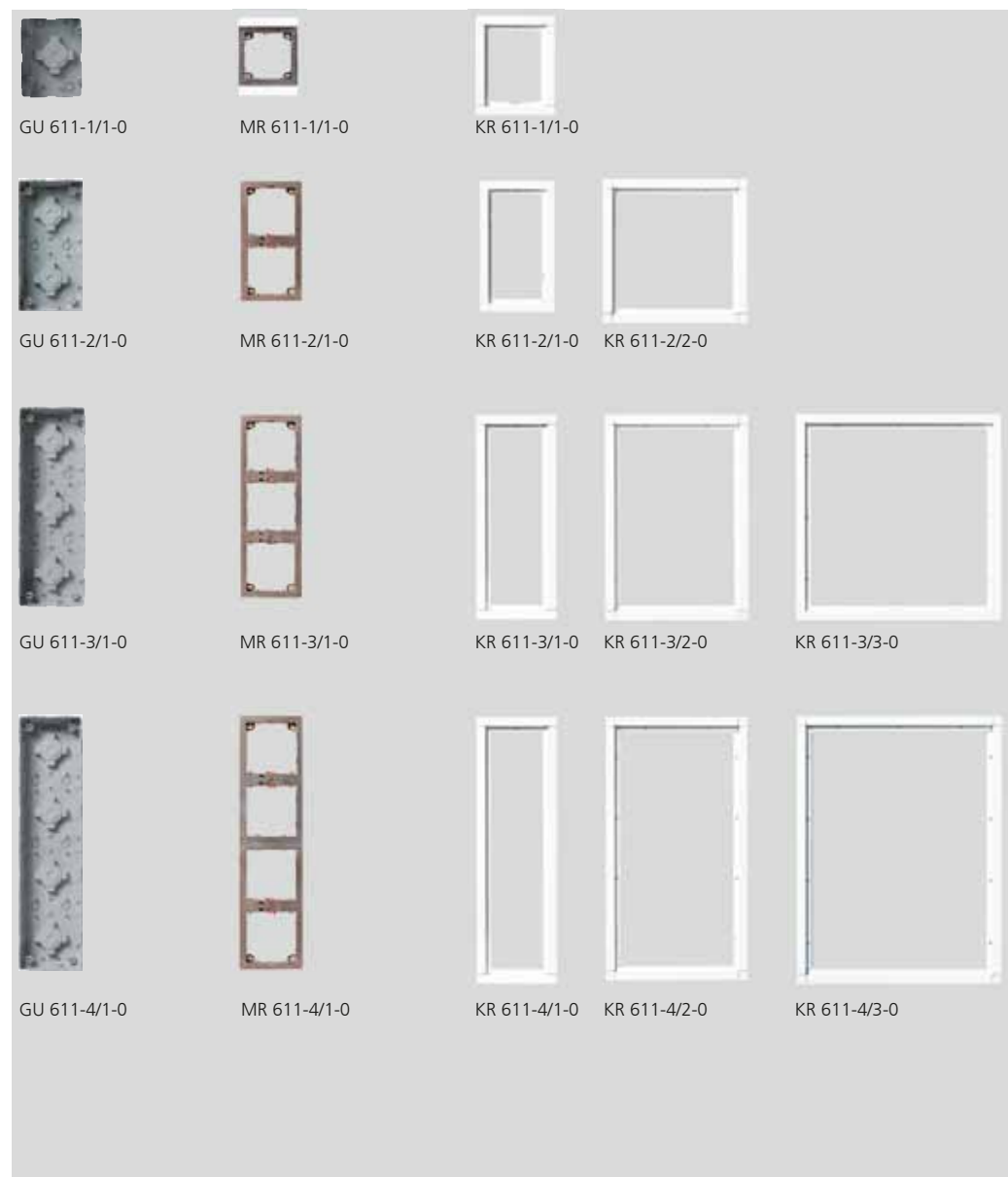


Programming using programming software BPS 650 is the right choice for larger, more complex systems. The entire functionality of the In-Home bus is available: Group formation, Video scan mode, Doormatic, LED status displays, collective and group calls, etc. Despite the wealth of functional features, programming always remains simple and easily manageable. The BPS also simplifies documentation, maintenance and upgrading of the system, as the system data is saved and can be used again at any time – and exporting already installed systems is also possible.

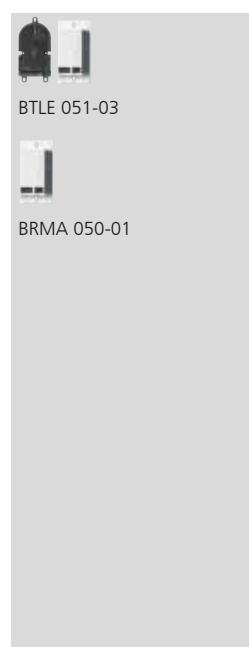
## Siedle Vario modules



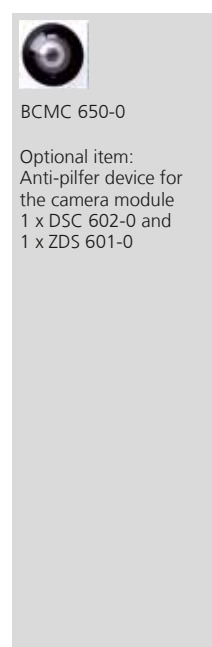
## Frame and housing Flush-mounting



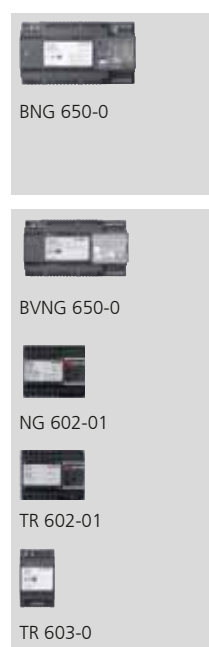
## Functions Custom-fit door loudspeaker



## Video



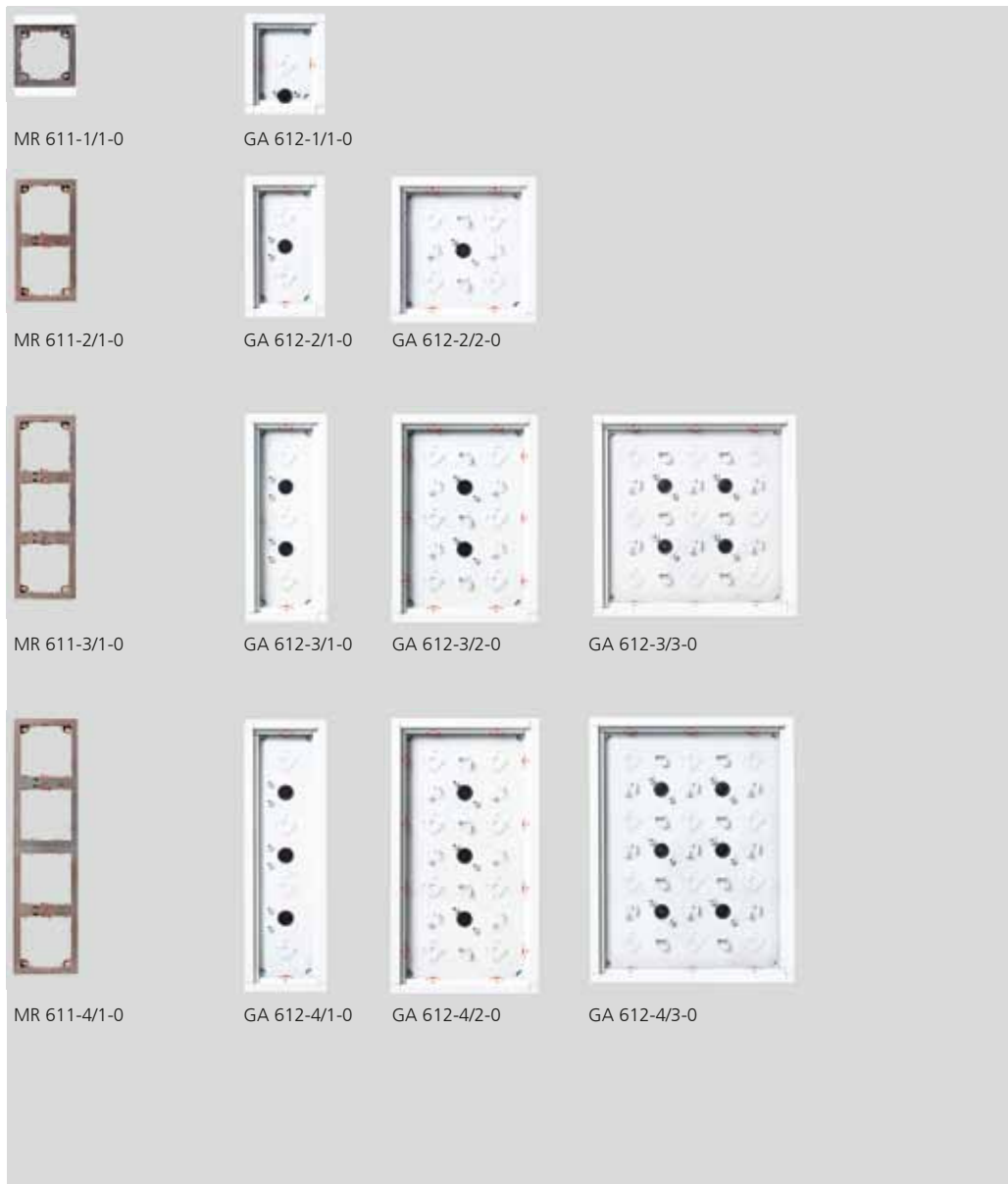
## Mains power supply



## Indoor call stations








## Frame and housing Surface-mounting



Purchase order overview for single-line systems up to max. 31 users.

## Control and signalling




	Bus switching unit with one changeover contact for control functions
BSE 650-0	
	Bus input module for link-up of external signalling units or buttons to the In-Home bus
BEM 650-0	
	Bus switching module for executing max. 4 control functions
BSM 650-02	
	Bus interface module for connection facility of the COM 611-02 or DRM 611-01 (digital call input)
BIM 650-02	
	Entrance controller as electronic evaluating circuit for switching functions in conjunction with modules COM 611-02, ELM 611-01 and FPM 611-02*
EC 602-03	

\*FPM 611-02 programming only possible at the PC, accessories required.

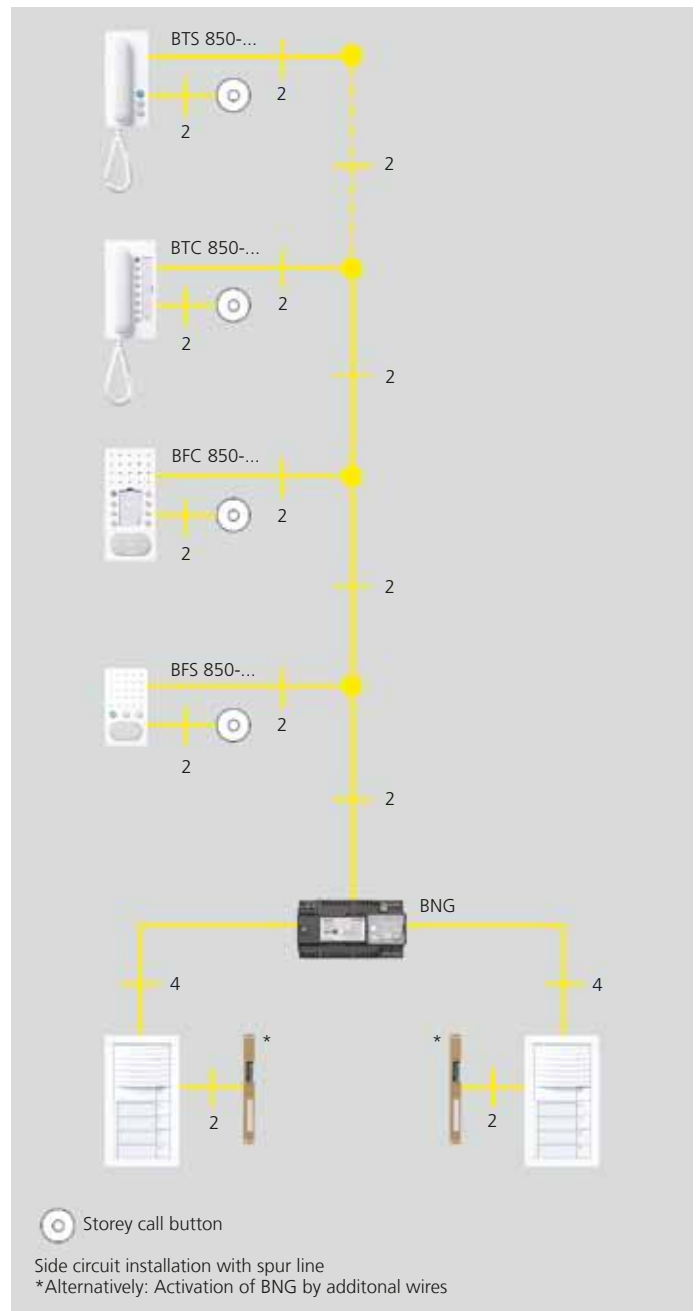
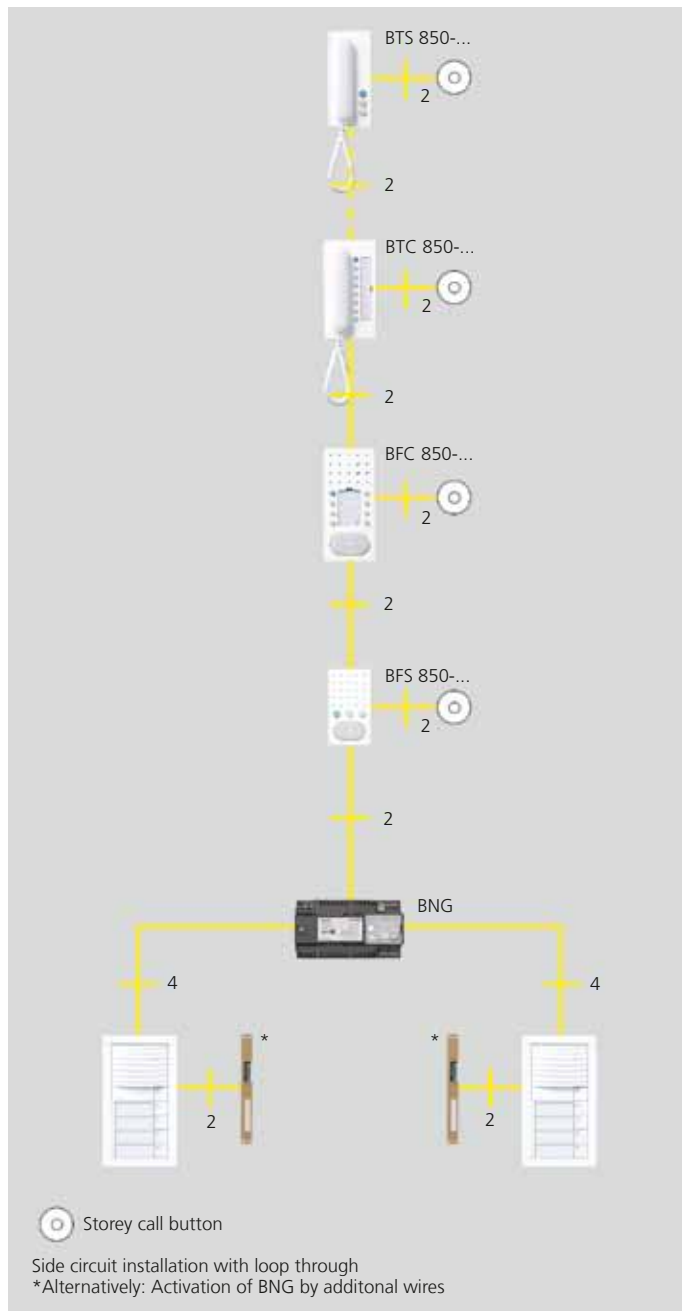
## PC programming/Telephone link

	PRI 602-01 USB with ZBVG 650-0 Programming interface links a Windows PC to the Siedle In-Home bus via the USB port
	BPS 650-0 V2.xx Bus programming software for programming and documentation of In-Home bus systems.
	DCA 650-02 For connection of existing on-site PBX systems with an analogue telephone connection in accordance with TBR-21

## Distributors/diverters

	BVVU 650-0 Asymmetrical video distributor
	BVVS 650-0 Symmetrical video distributor
	BAA 650-0 Bus audio decoupler For connecting audio components / control and signalling devices to a video line

## System house/performance features plug+play



### General

- Automatic plug+play programming
- Installation optionally with loop through or spur line
- 2-wire bus technology
- YR warranty
- Polarity reversal protected
- Short circuit proof
- Simple retrofitting of existing bell/intercom systems
- Minimal wiring work for new installations
- Free selection of door station (Siedle Vario, Select, Steel or Classic)
- Siedle Individual: Internal call station in 17 design variants
- In-house and handsfree telephones combinable in one system

### System functions

- Maximum of 465 users
- Connection to the public network via DoorCom Analog, network connection via DoorCom-IP
- Up to 15 speech channels (with supplementary devices and additional installation)
- Multiple door systems without additional devices
- Internal communication without additional devices
- Storey door loudspeaker with call differentiation without additional devices
- Switching/control functions without additional installation in the side circuit
- Parallel operation of up to 4 internal call stations (max. 8 BFC/BTC units with additional power supply). The PRI 602-... USB and

ZBVG 650-... is required for programming

### Equipment of internal units:

- Acoustic and optical call signalling
- Call silencing with optical display
- Optionally as a surface or table-mounted variant
- Additionally in comfort models BFC/BTC 850:
  - Doormatic function
  - Call forwarding
  - 8 integrated function keys for door release, internal calls, door dialling or switching / control commands
  - 8 display LEDs without supplementary wiring
- Other intercom functions of the comfort handsfree telephone:
  - Callback function
  - Internal group call

- Group paging announcement (with supplementary supply)
- Automatic call pick-up

## Door loudspeakers plug+play



### BTLM 650-04

Bus door loudspeaker module in 611 Vario design in conjunction with the Siedle In-Home bus. With front louvre made of weather- and UV-proof polycarbonate, tropicalized loudspeaker, long-life electret microphone and volume controller for loudspeaker. Illuminated low current light button. Integrated video control and working contact for the door release. DR contact can be controlled via the bus line without supplementary wiring. Acoustic feedback when pressing one of the call buttons at the BTM 650-01 to -04.

Up to max. 40 call button modules can be connected in any optional combination, allowing up to max. 160 users.

1 BTLM 650-04 corresponds to 2 system users.

Contact type: 2 n.o. contacts

15 V AC/30 V DC, 2 A

Switching time: DR, 3 secs.

Ambient temperature: -20°C to +55°C

Protection system: IP 54

Height of structure (mm): 9

Dimensions (mm) W x H x D:

99 x 99 x 35



### Status display

Optical display of operating status in addition to the acoustic acknowledgement signal: Four backlit LED symbols signal the different statuses: „Call“, „Not available“, „Speech“ and „Door release“.

For more information, please contact your local representative.

Tel. +49 7723 63-434



### STA 850-1

### STA 850-2

### STA 850-4

Select door station audio for the Siedle In-Home bus, made of high-grade plastic with aluminium front, for surface-mounting. Door loudspeaker, integrated light button, call button(s) with backlit nameplate, exchangeable from the front.

The door station is equipped with one, two or four call buttons.

Contact type: n.o. contact

15 V AC/30 V DC, 2 A

Ambient temperature: -20°C to +55°C

Protection system: IP 54

Dimensions (mm) W x H x D:

100 x 340 x 38



### SBA 850-0

Select letterbox audio. Letterbox with integrated door communication. Plastic housing with solid aluminium front, for surface-mounting. Removal from the front, with newspaper compartment. In compliance with DIN EN 13724. Door station with integrated illuminated light button, call button with backlit nameplate, exchangeable from the front.

Pass-through size (mm) W x H:

331 x 31.6

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

409 x 645 x 125



### BTLE 051-03

Bus custom-fit door loudspeaker for Siedle In-Home bus for on-site intercom compartments, door constructions, letterboxes etc.

Incl. bus call button matrix

BRMA 050-01 for direct connection of 12 of the customer's own on site call buttons.

Volume controller for loudspeaker, integrated video control, potential-free working contact for the door release. DR contact can be controlled via the bus line without supplementary wiring. Universal fastening possibilities, when using with louvre ZJ 051-... can be screwed on directly.

1 BTLE 050-... corresponds to 2 system users.

Max. 14 BRMA 050-... can be connected to 1 BTLE 050-...

Contact type: contact

15 V AC/30 V DC, 2 A

Switching time: 3 sec.

Protection system:

Dependent on the mounting conditions

Dimensions (mm) W x H x D:

124 x 60 x 31

Dimensions housing (mm) W x H x D:

100 x 60 x 31



### BRMA 050-01

Bus call button matrix for the connection of existing call buttons to the custom-fit door loudspeaker BTLE 050-.../ATLE 670-...

Max. 160 call buttons can be connected.

However, a bus call button matrix BRMA 050-... is required for each started group of 12 call buttons.

Max. 14 BRMA 050-... can be connected to 1 BTLE 050-...

Max. 16 BRMA 050-... can be connected to 1 ATLE 670-...

Dimensions (mm) W x H x D:

53 x 100 x 17

## Call button modules plug+play



### BTM 650-01

Bus call button module with nameplate pocket and 1 separate call button with bell symbol.

Nameplate size (mm) W x H: 65 x 94

Call button (mm) W x H: 24 x 49

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27



### BTM 650-02

Bus call button module with 2 nameplate pockets and 2 separate call buttons with bell symbol.

Nameplate size (mm) W x H: 65 x 44.5

Call button (mm) W x H: 24 x 49

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27



### BTM 650-03

Bus call button module with 3 nameplate pockets and 3 separate call buttons with bell symbol.

Nameplate size (mm) W x H: 65 x 28

Call button (mm) W x H: 24 x 32

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27



### BTM 650-04

Bus call button module with 4 nameplate pockets and 4 separate call buttons with bell symbol.

Nameplate size (mm) W x H: 65 x 19.5

Call button (mm) W x H: 24 x 24

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27



## Bus telephones and accessories plug+play



### BTS 850-02

Standard bus telephone for Siedle In-Home bus, made of high-grade plastic. With the basic functions calling, speech, door release, light and storey call.

Performance features:

- Hearing protection, audio privacy function integrated
  - Audio tones for internal communication
  - Call silencing with status display which flashes when a call is active.
  - Parallel operation of max. 4 bus telephones standard (from the 3rd unit, the PRI 602-... USB and ZBVG 650-... is required for programming)
  - Call differentiation for storey call, 2 door calls and internal call.
  - Door release button
  - Light and call silencing button can be freely configured and double-assigned
  - Call generator with 11 call tone sequences, including chime
  - Call volume adjustable in 5 stages up to max. 83 dB(A).
  - Door release/light function at any time by means of bus cores
  - Door release possible at any time, also with no prior door call
  - Plug-in no-tangle cord for simple installation
  - Interfacing relay accessory ZAR 850-... retrofittable, e.g. for actuation of an additional signalling unit
  - Base plate pre-installable with terminals
  - Can be used as a table-top unit using table-top accessory ZTS 800-...
- Dimensions (mm) W x H x D:  
91 x 201 x 46



### ZTS 800-01

Table-top accessory for telephones BTS/BFS/BFC 850-... and HTS 811-... for conversion from a wall to a table-top unit.

Slip-proof console with 2 rubber feet but without UAE 8 junction box.

Connecting cable: 8-pole 3 m long

The table-top accessory is also available in black ZTS 800-01 S



### BTC 850-02

Comfort bus telephone for Siedle In-Home bus, made of high-grade plastic. With the functions calling, speech, door release, light, storey call/switching and control functions and internal communication.

Performance features:

- Hearing protection, audio privacy function integrated
  - Audio tones for internal communication
  - Call silencing with status display which flashes when a call is active.
  - Parallel operation of max. 4 comfort bus telephones (from the 3rd unit, the PRI 602-... USB and ZBVG 650-... is required for programming)
  - Call differentiation for storey call, 2 door calls and internal call.
  - 11 different electronic call tones to chose from.
  - Call volume adjustable in 5 stages up to max. 83 dB(A).
  - Door release/light function at any time by means of bus cores
  - Door release possible at any time, also with no prior door call
  - 8 LEDs for display (e.g. door open) without additional wiring
  - 8 integrated function keys, 7 freely programmable and capable of double assignment. Button functions can be freely assigned and actuated without additional installation via bus cores, e.g. for internal telephony. Actuation of switching/control functions in conjunction with bus switching module BSM/BSE 650-..., selective dialling of door loudspeakers.
  - Integrated inscription panel
  - Door call acceptance.
  - Group formation for door calls. Each BTC 850-... can belong to up to 4 groups in the same line.
  - Doormatic function
  - Call forwarding
  - Plug-in no-tangle cord for simple installation
  - Base plate pre-installable with terminals
  - Parallel switching accessory ZPS 850-... retrofittable, to switch a maximum of 4 more bus telephones in parallel. The ZPS is required in every additional bus telephone (additional installation/power supply required)
  - Interfacing relay accessory ZAR 850-... retrofittable, e.g. for actuation of an additional signalling unit
  - Can be used as a table-top unit using table-top accessory ZTS 800-...
- Dimensions (mm) W x H x D:  
106 x 201 x 46



### ZTC 800-0

Table-top accessory for the telephone BTC 850-... and HTC 811-... for conversion from a wall to a table-top unit.

Slip-proof console with 2 rubber feet but without UAE 8 junction box.

Connecting cable: 2 x 8-pole 3 m long

The table-top accessory is also available in black ZTC 800-0 S

Standard variant without panel	Order key white housing	
White	...W	
Design variants with panel	Order key translucent housing	Order key black housing
Stainless steel	...E/T	...E/S
Aluminium	...A/T	...A/S
High gloss white	...WH/T	...WH/S
High gloss black	...SH/T	...SH/S
Gold	...EG/T	...EG/S
Chrome	...EC/T	...EC/S
Wenge	...HW/T	...HW/S
Bamboo	...HB/T	...HB/S

Example BTS 850-02 W

Further execution on demand

## Bus telephones and accessories plug+play



### ZPS 850-0

Parallel switching accessory for integration into comfort bus telephone BTC 850-... To supply the telephone where more than 4 telephones are required to ring simultaneously. Max. 8 BTC 850-... units can ring simultaneously. A NG 602-... or VNG 602-... is required in addition for supply purposes. Operating voltage: 20–30 V DC Operating current: max. 100 mA



### ZAR 850-0

Interfacing relay accessory for mounting in bus telephones BTS 850-... or BTC 850-... Universal switching relay with a potential-free contact for secondary signal unit, video interfacing or switching relay, one potential-free switching contact. Contact type: n.o. contact max. 15 V AC/30 V DC, 1 A Switching time: 0.4 secs to 19 mins. programmable using the bus programming software BPS 650-... V2.x



### BNS 750-02

Bus secondary signal unit in low-profile surface-mounted design with loud-speaker, volume control adjustable from the outside and electronic call generator, programmable in parallel to the BTS/BFS/BTC/BFC/BTSV/BFSV/BTCV/BFCV 850-... Counts as a user within the limit of 465 units (users). Call differentiation for storey and door calls. Dimensions (mm) W x H x D: 107 x 107 x 25

## Handsfree bus telephones and accessories plug+play



### BFS 850-02

Standard handsfree bus telephone for the Siedle In-Home bus, made of high-grade plastic. With the basic functions calling, speech, door release, light and storey call. Performance features:

- Door release, light, call silencing and speech/control button
- Status display with active speech connection
- Call silencing and status display
- Optical call display by flashing of the speech button
- Light and call silencing button can be freely configured and double-assigned
- Call generator with 11 call tone sequences, including chime
- Call differentiation for storey call, 2 door calls and internal call
- Speech volume adjustable in 5 stages
- Call volume adjustable in 5 stages up to max. 83 dB(A)
- Housing in white plastic
- Parallel operation of max. 4 standard handsfree bus telephones (From the 3rd unit, the PRI 602-... USB and ZBVG 650 is required for programming).
- Door release/light function at any time via the bus line
- Door release possible at any time, also with no prior door call
- Interfacing relay accessory handsfree ZARF 850-0 upgradable with potential-free contact
- Base plate pre-installable with terminals
- Can be used as a table-top unit using table-top accessory ZTS 800-...

Dimensions (mm) W x H x D: 91 x 164 x 27



### BFC 850-0

Comfort handsfree bus telephone intercom for Siedle In-Home bus, made of high-grade plastic. With the functions calling, speech, door release, light, storey call/switching and control functions and internal communication. Performance features:

- Integrated audio privacy device
- Status display with active speech connection
- Call silencing and status display
- Parallel operation of max. 4 comfort handsfree bus telephones (from the 3rd unit, the PRI 602-... USB and ZBVG 650 is required for programming).
- Call differentiation for storey call, 2 door calls and internal call
- Set call-back
- 11 different electronic call tones to choose from
- Call volume adjustable in 5 stages up to max. 83 dB(A)
- Door release/light function at any time by means of bus cores
- Door release possible at any time, also with no prior door call
- 8 LEDs for display (e.g. door open) without additional wiring
- 8 integrated function keys, 7 freely programmable and capable of double assignment. Optionally assignable button functions can be triggered without supplementary installation via bus cores, e.g. for internal telephony, to initiate switching/control functions in conjunction with bus switching module BSM/BSE 650-..., selective dialling of door loudspeakers
- Integrated inscription panel

Standard variant without panel	Order key white housing	
White	...W	
Design variants with panel	Order key translucent housing	Order key black housing
Stainless steel	...E/T	...E/S
Aluminium	...A/T	...A/S
High gloss white	...WH/T	...WH/S
High gloss black	...SH/T	...SH/S
Gold	...EG/T	...EG/S
Chrome	...EC/T	...EC/S
Wenge	...HW/T	...HW/S
Bamboo	...HB/T	...HB/S
Example BFS 850-02 W		
Further execution on demand		

**ZTS 800-01**

Table-top accessory for telephones BTS/BFS/BFC 850-... and HTS 811-... for conversion from a wall to a table-top unit. Slip-proof console with 2 rubber feet but without UAE 8 junction box. Connecting cable: 8-pole 3 m long

The table-top accessory is also available in black ZTS 800-01 S.

**ZPSF 850-0**

Handsfree parallel switching accessory for mounting in the comfort handsfree bus telephone intercom BFC 850-... Circuit board for connection of an additional supply. Required if more than 4 handsfree bus telephones BFC 850-... are called simultaneously or for each BFC 850-... which is required to receive a collective paging announcement. A maximum of 8 handsfree bus telephones can ring at the same time. (Telephones 1-4 without ZPSF 850-..., telephones 5-8 with ZPSF 850-...) An NG 602-... or VNG 602-... is required in addition for supply purposes. Operating voltage: 20–30 V DC Operating current: max. 100 mA

**ZARF 850-0**

Handsfree interfacing relay accessory for integration in the handsfree bus telephone BFS/BFC 850-... Universal switching relay e.g. for secondary signal unit, video actuation or switching relay. Contact type: n.o. contact max. 15 V AC/30 V DC, 1 A Switching time: 0.4 secs to 19 mins. programmable using the bus programming software BPS 650-... V2.x

- Door call acceptance
  - Group formation for door calls. Each BFC 850-... can belong to up to 4 groups in the same line
  - Large-area buttons (as speech/control buttons)
  - Base plate pre-installable with terminals
  - Parallel switching accessory ZPSF 850-... retrofittable, to switch a maximum of 4 more handsfree bus telephones in parallel. The ZPSF is required in each additional handsfree bus telephone (additional installation/supply required).
  - Interfacing relay accessory ZARF 850-... retrofittable, e.g. for actuation of an additional signalling unit
  - Usable as a table- or desk-mounted unit with the table-top accessory ZTS 800-...
- Intercom functions:
- Call forwarding
  - Internal group call
  - Collective announcement
  - Automatic call pick-up of internal calls
  - Doormatic
- Dimensions (mm) W x H x D:  
91 x 201 x 27

**BNS 750-02**

Bus secondary signal unit in low-profile surface-mounted design with loud-speaker, volume control adjustable from the outside and electronic call generator, programmable in parallel to the BTS/BFS/BTC/BFC/BTSV/BFSV/BTCV/BFCV 850-... Counts as a user within the limit of 465 units (users). Call differentiation for storey and door calls. Dimensions (mm) W x H x D:  
107 x 107 x 25

Supply/control units and switching modules



**BNG 650-0 plug+play**

Bus line rectifier für Siedle In-Home bus audio in switch panel housing for power supply to the bus users. Optional plug-in facility for the bus supply unit accessory ZBVG 650-...

Relay contact for door release and light.

Operating voltage: 230 V AC +/-10%, 50/60 Hz

Operating current: 200 mA

Output voltage: 27.5 V DC, 12 V AC

Output current: 0.5 A DC, 1 A AC

Fusing: Primary fuse 1 T 250 mA T, secondary short circuit proof

Contact type: 2 n.o. contacts 24 V, 2 A

Protection system: IP 20

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 9

Dimensions (mm) W x H x D: 162 x 89 x 60

**BNG 650-1 USA**

Operating voltage: 125 V +/-10%, 50/60 Hz

For further technical details please see above.



**ZBVG 650-0 plug+play**

Bus supply unit accessory as a plug-in card for integration in bus line rectifier BNG 650-... or bus video line rectifier BVNG 650-... with 8-pin Western socket for connection of the programming interface PRI 602-... USB.

Is required in systems with more than one line or for programming the in-home bus via a Windows PC and PRI 602-... USB. Only one unit may be installed within the Siedle In-Home bus.



**NG 602-01**

Line rectifier in switch panel housing for 1+n technology, and for power supply to supplementary components. Inclusive of function LEDs.

Operating voltage: 230 V AC +/-10%, 50/60 Hz

Typical current consumption: 41 VA

Output voltage: 23.3 V DC, 12 V AC

Output current: 0.3 A DC; 1.6 A AC

Fusing: Primary, 200 mA T, secondary, thermal fusing

Protection system: IP 20

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 6

Dimensions (mm) W x H x D: 107 x 89 x 60



**NG 602-1 USA**

Operating voltage: 125 V +/-10%, 50 -60 Hz 41 VA

For further technical details please see above.



**TR 603-0**

Transformer in switch panel housing, to supply supplementary components.

Operating voltage: 230 V AC +/-10%, 50/60 Hz

Output voltage: 12 V AC

Output current: max. 1.3 A

Fusing: Secondary side with thermal fuse

Protection system: IP 30

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D: 53.5 x 89 x 60



**BIM 650-02**

Bus interface module in switch panel housing, used for connection between Siedle Vario bus and Siedle In-Home bus. It is always required when a bus door loudspeaker has to be equipped with a COM 611-... or DRM 611-... and call controller RC 602-... in addition to or instead of direct call buttons.

For programming, the PC can be connected via the BIM 650-... and PRI 602-...

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D: 53.5 x 89 x 60



**ZAP 3-0**

Terminal cover accessory for surface-mounting.

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D: 53.5 x 50 x 60



**ZAP 6-0**

Terminal cover accessory for surface-mounting.

Horizontal pitch (HP): 6

Dimensions (mm) W x H x D: 110 x 50 x 60



**ZAP 9-0**

Terminal cover accessory for surface-mounting.

Horizontal pitch (HP): 9

Dimensions (mm) W x H x D: 164 x 50 x 60

Switch panel units	(GU) Grid units/ surface mount cover
NG 602-0	6 (ZAP 6-0)
TR 603-0	3 (ZAP 3-0)
BNG 650-0	9 (ZAP 9-0)
BIM 650-02	3 (ZAP 3-0)
BSM 650-02	3 (ZAP 3-0)



#### BSM 650-02

Bus switching module in switch panel housing with 4 integrated relays, each with one potential-free work contact. Programmed functions can be actuated using the programmable buttons of the system users or in parallel to a door call button to actuate an external signalling device.

Operating voltage: 12 V AC

Operating current: max. 240 mA

Contact type:

4 n.o. contacts, max. 24 V, 2 A

Switching time: Adjustable from 1 to 10 sec.

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

53.5 x 89 x 60



#### BSE 650-0

Bus switching unit with bistable relay, suitable for mounting in a 55 junction box.

Actuation possible via BEM, using the programmable buttons of the system users or in parallel to a door call button.

Power supply via the In-Home bus

Admissible switching output:

- Light bulbs max. 1300 W
- Fluorescent lamps max. 800 W
- Twin fluorescent lamps max. 1200 W

• Parallel compensated fluorescent lamps max. 400 W

Contact type: Changeover switch max. 250 V AC, 6 A

Switching time: adjustable from 0.4 secs. to 19 mins. 59 secs. / switching on and off

Protection system: IP 20

Ambient temperature: 0°C to +40°C

Dimensions (mm) dia. x H: 51 x 23



#### BEM 650-0

Bus input module for mounting in a 55 junction box with an input for tripping switching functions/transmitting messages at the In-Home bus.

Activation possible via potential-free contact or 4–30 V DC, 10 mA.

Power supply via the In-Home bus

Protection system: IP 20

Ambient temperature: 0°C to +40°C

Dimensions (mm) dia. x H: 51 x 23



#### ZHSB 650-0

Top hat rail fixture accessory for switch panel mounting of BSE/BEM 650-..., BVVS/BVVU/BAA 650-... etc.

Set of 5 pcs.

Dimensions (mm) W x H x D:

18 x 60 x 20



#### BPS 650-0 V2.xx

Bus programming software for programming the In-Home bus system.

For this, programming interface

PRI 602-... USB is required.

System requirements: Windows PC, Win 2000, Win XP/Vista (32 Bit)



#### PRI 602-01 USB

The programming interface PRI 602-... USB in a switch panel housing connects a Windows PC via the USB port to the Siedle In-Home bus. Connection to the line rectifiers BNG 650-... and BVNG 650-... via ZBVG 650-...

The bus programming software BPS 650-... is included in the scope of delivery. Interface to the Siedle In-Home bus via 8-pin Western socket or via screw terminals.

Only one PRI 602-... USB can be connected to a PC.

System requirements: Windows PC,

Operating voltage: 10–15 V AC or

10–30 V DC

Protection system: IP 20

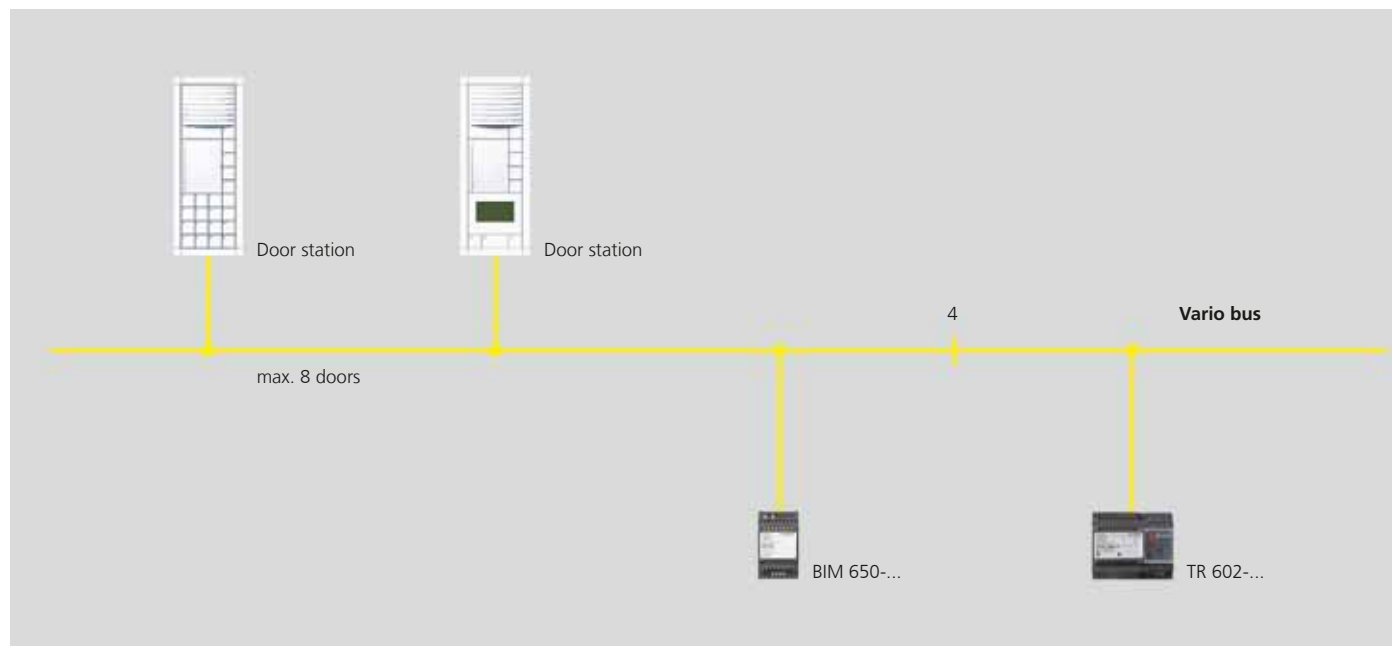
Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

53.5 x 89 x 60

### Digital call input at the In-Home bus



A variety of input and control devices can be connected to the Siedle Vario bus comprising 4 wires.

Connected telephones are called by means of the code lock or display call module (electronic name list). For this the BIM 650-02 is required in the Siedle In-Home bus.

## Control units, supply and programming accessories



### TR 602-01

Transformer in switch panel housing, to supply supplementary components.  
 Operating voltage: 230 V AC +/-10%, 50/60 Hz  
 Output voltage: 12 V AC  
 Output current: max. 2.5 A  
 Fusing: Secondary side short circuit proof  
 Protection system: IP 20  
 Ambient temperature: 0°C to +40°C  
 Horizontal pitch (HP): 6  
 Dimensions (mm) W x H x D:  
 107 x 89 x 60



### BIM 650-02

Bus interface module in switch panel housing, used for connection between Siedle Vario bus and Siedle In-Home bus. It is always required when a bus door loudspeaker has to be equipped with a COM 611-... or DRM 611-... and call controller RC 602-... in addition to or instead of direct call buttons. For programming, the PC can be connected via the BIM 650-... and PRI 602-...  
 Horizontal pitch (HP): 3  
 Dimensions (mm) W x H x D:  
 53.5 x 89 x 60



### PRI 602-0

The programming interface connects an IBM-compatible Windows PC with the Vario bus system. The electronic conversion circuit is equipped with a bilateral connecting cable from Sub-D plug to 6-pin telecom/Western connector (total length appr. 3.5 m). The relevant programming software PRS 602-.../BPS 650-... is provided. A 6-pin telecom/Western socket (ZWA 640-... recommended) must be provided in conjunction with the Vario bus system.  
 System requirements: Windows PC, Win 2000, Win XP/Vista (32 Bit)  
 Operating voltage: 10–15 V AC  
 Protection system: IP 30  
 Ambient temperature: 0°C to +40°C  
 Horizontal pitch (HP): 3  
 Dimensions (mm) W x H x D:  
 90 x 65 x 25



### PRI 602-01 USB

The programming interface PRI 602-... USB in a switch panel housing connects a Windows PC via the USB port to the Siedle In-Home bus. Connection to the line rectifiers BNG 650-... and BVNG 650-... via ZBVG 650-...  
 The bus programming software BPS 650-... is included in the scope of delivery. Interface to the Siedle In-Home bus via 8-pin Western socket or via screw terminals. Only one PRI 602-... USB can be connected to a PC.  
 System requirements: Windows PC, Win 2000, Win XP/Vista (32 Bit)  
 Operating voltage: 10–15 V AC or 10–30 V DC  
 Protection system: IP 20  
 Ambient temperature: 0°C to +40°C  
 Horizontal pitch (HP): 3  
 Dimensions (mm) W x H x D:  
 53.5 x 89 x 60



### PRS 602-01

Programming software suitable for programming the Vario bus components. The CD contains the following software, drivers and documents:

- Call controller and call controller extension RC/RCE 602-...
- Entrance controller and entrance controller extension EC/ECE 602-...
- FPM 611-... firmware update
- All necessary drivers, documentation of the display call module DRM 611-... and fingerprint module FPM 611-...

System requirements: Windows PC, Win 2000, Win XP, Win Vista Home/Ultimate, Win 7 Home Premium/Professional (32 Bit)

**System examples**

**Siedle In-Home bus: Audio with Vario surface-mount system**

	1 RU	2 RU	3 RU	4 RU	6 RU	8 RU
Door loudspeaker module	1 BTLM 650-04	1 BTLM 650-04	1 BTLM 650-04	1 BTLM 650-04	1 BTLM 650-04	1 BTLM 650-04
Call button module	1 BTM 650-01	1 BTM 650-02	1 BTM 650-03	1 BTM 650-04	2 BTM 650-03	2 BTM 650-04
Surface-mount housing	1 GA 612-2/1-0	1 GA 612-2/1-0	1 GA 612-2/1-0	1 GA 612-2/1-0	1 GA 612-3/1-0	1 GA 612-3/1-0
Mounting frame	1 MR 611-2/1-0	1 MR 611-2/1-0	1 MR 611-2/1-0	1 MR 611-2/1-0	1 MR 611-3/1-0	1 MR 611-3/1-0
Current supply	1 BNG 650-0	1 BNG 650-0	1 BNG 650-0	1 BNG 650-0	1 BNG 650-0	1 BNG 650-0
Standard bus telephone	1 BTS 850-02 W	2 BTS 850-02 W	3 BTS 850-02 W	4 BTS 850-02 W	6 BTS 850-02 W	8 BTS 850-02 W
Comfort bus telephone	1 BTC 850-02 W	2 BTC 850-02 W	3 BTC 850-02 W	4 BTC 850-02 W	6 BTC 850-02 W	8 BTC 850-02 W
Standard handsfree bus telephone	1 BFS 850-02 W	2 BFS 850-02 W	3 BFS 850-02 W	4 BFS 850-02 W	6 BFS 850-02 W	8 BFS 850-02 W
Handsfree bus telephone						
Comfort intercom	1 BFC 850-0 W	2 BFC 850-0 W	3 BFC 850-0 W	4 BFC 850-0 W	6 BFC 850-0 W	8 BFC 850-0 W

**Siedle In-Home bus: Audio with Vario flush-mount system**

	1 RU	2 RU	3 RU	4 RU	6 RU	8 RU
Door loudspeaker module	1 BTLM 650-04	1 BTLM 650-04	1 BTLM 650-04	1 BTLM 650-04	1 BTLM 650-04	1 BTLM 650-04
Call button module	1 BTM 650-01	1 BTM 650-02	1 BTM 650-03	1 BTM 650-04	2 BTM 650-03	2 BTM 650-04
Flush-mount housing	1 GU 611-2/1-0	1 GU 611-2/1-0	1 GU 611-2/1-0	1 GU 611-2/1-0	1 GU 611-3/1-0	1 GU 611-3/1-0
Mounting frame	1 MR 611-2/1-0	1 MR 611-2/1-0	1 MR 611-2/1-0	1 MR 611-2/1-0	1 MR 611-3/1-0	1 MR 611-3/1-0
Combination frame	1 KR 611-2/1-0	1 KR 611-2/1-0	1 KR 611-2/1-0	1 KR 611-2/1-0	1 KR 611-3/1-0	1 KR 611-3/1-0
Current supply	1 BNG 650-0	1 BNG 650-0	1 BNG 650-0	1 BNG 650-0	1 BNG 650-0	1 BNG 650-0
Standard bus telephone	1 BTS 850-02 W	2 BTS 850-02 W	3 BTS 850-02 W	4 BTS 850-02 W	6 BTS 850-02 W	8 BTS 850-02 W
Comfort bus telephone	1 BTC 850-02 W	2 BTC 850-02 W	3 BTC 850-02 W	4 BTC 850-02 W	6 BTC 850-02 W	8 BTC 850-02 W
Standard handsfree bus telephone	1 BFS 850-02 W	2 BFS 850-02 W	3 BFS 850-02 W	4 BFS 850-02 W	6 BFS 850-02 W	8 BFS 850-02 W
Handsfree bus telephone						
Comfort intercom	1 BFC 850-0 W	2 BFC 850-0 W	3 BFC 850-0 W	4 BFC 850-0 W	6 BFC 850-0 W	8 BFC 850-0 W

**Siedle In-Home bus: Audio with Siedle Classic**

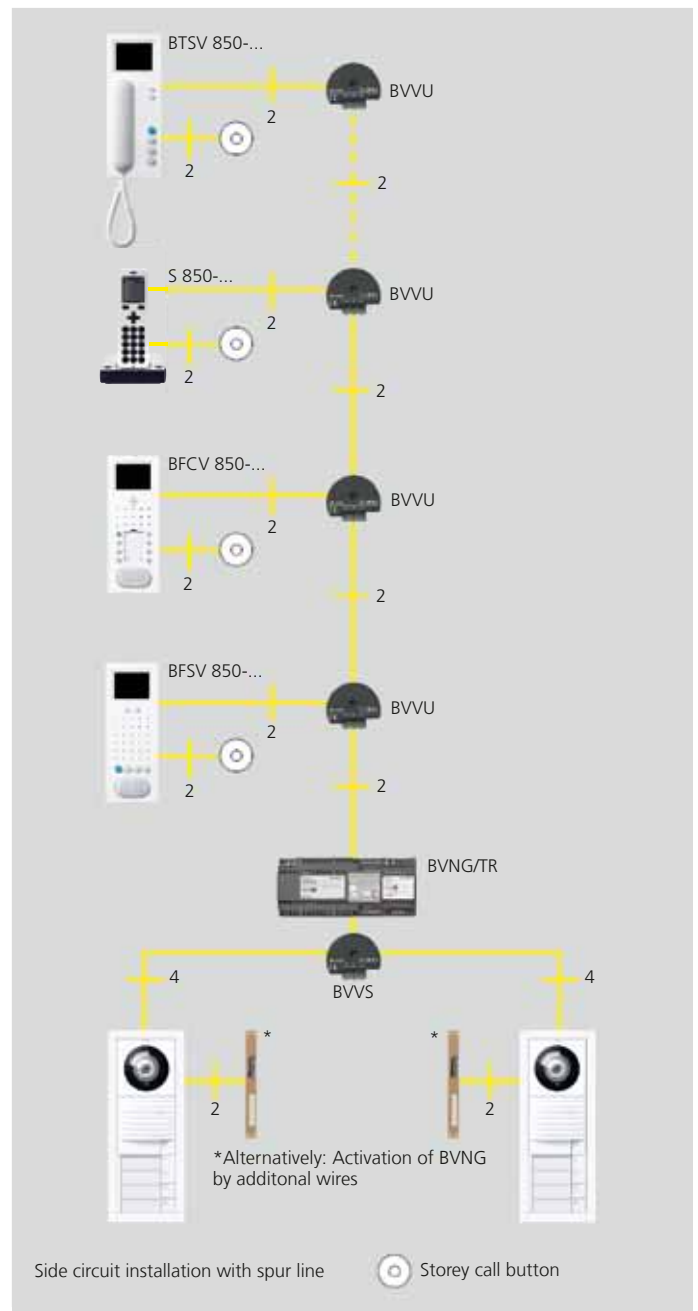
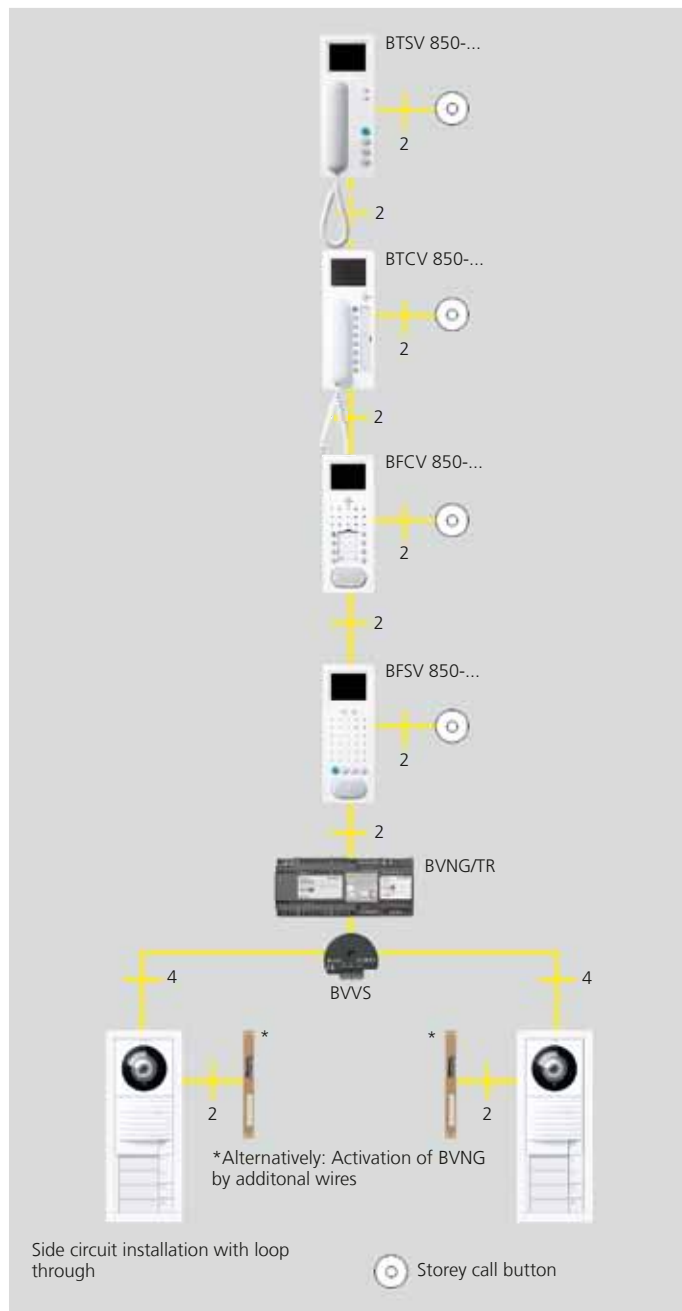
	1 RU	2 RU	3 RU	4 RU	6 RU	8 RU
Door station	1 CL A 01 B-02	1 CL A 02 B-02	1 CL A 03 B-02	1 CL A 04 B-02	1 CL A 06 B-02	1 CL A 08 B-02
Current supply	1 BNG 650-0	1 BNG 650-0	1 BNG 650-0	1 BNG 650-0	1 BNG 650-0	1 BNG 650-0
Standard bus telephone	1 BTS 850-02 W	2 BTS 850-02 W	3 BTS 850-02 W	4 BTS 850-02 W	6 BTS 850-02 W	8 BTS 850-02 W
Comfort bus telephone	1 BTC 850-02 W	2 BTC 850-02 W	3 BTC 850-02 W	4 BTC 850-02 W	6 BTC 850-02 W	8 BTC 850-02 W
Standard handsfree bus telephone	1 BFS 850-02 W	2 BFS 850-02 W	3 BFS 850-02 W	4 BFS 850-02 W	6 BFS 850-02 W	8 BFS 850-02 W
Handsfree bus telephone						
Comfort intercom	1 BFC 850-0 W	2 BFC 850-0 W	3 BFC 850-0 W	4 BFC 850-0 W	6 BFC 850-0 W	8 BFC 850-0 W



**Siedle In-Home bus: Audio with custom-fit door loudspeaker**

	1 RU	2 RU	3 RU	4 RU	6 RU	8 RU
Bus custom-fit door loudspeaker	1 BTLE 051-03	1 BTLE 051-03	1 BTLE 051-03	1 BTLE 051-03	1 BTLE 051-03	1 BTLE 051-03
incl. Bus call button matrix						
Current supply	1 BNG 650-0	1 BNG 650-0	1 BNG 650-0	1 BNG 650-0	1 BNG 650-0	1 BNG 650-0
Standard bus telephone	1 BTS 850-02 W	2 BTS 850-02 W	3 BTS 850-02 W	4 BTS 850-02 W	6 BTS 850-02 W	8 BTS 850-02 W
Comfort bus telephone	1 BTC 850-02 W	2 BTC 850-02 W	3 BTC 850-02 W	4 BTC 850-02 W	6 BTC 850-02 W	8 BTC 850-02 W
Standard handsfree bus telephone	1 BFS 850-02 W	2 BFS 850-02 W	3 BFS 850-02 W	4 BFS 850-02 W	6 BFS 850-02 W	8 BFS 850-02 W
Handsfree bus telephone						
Comfort intercom	1 BFC 850-0 W	2 BFC 850-0 W	3 BFC 850-0 W	4 BFC 850-0 W	6 BFC 850-0 W	8 BFC 850-0 W

## System house/performance features plug+play



### General

- Automatic plug+play programming
- Installation optionally with loop through or spur line
- 2-wire bus technology
- YR warranty
- Polarity reversal protected
- Short circuit proof
- Simple retrofitting of existing bell/intercom systems
- Minimal wiring work for new installations
- Free selection of door station (Siedle Vario, Select, Steel or Classic)
- Siedle Individual: Internal call station in 17 design variants
- Indoor stations freely combinable: The audio/video stations with receivers or as handsfree units and even the cordless Video DECT telephone Scope

### System functions

- Maximum of 465 users
- Connection to the public telephone network via DoorCom Analog, network connection via DoorCom-IP
- Up to 15 speech channels (with supplementary devices and additional installation)
- Multiple door systems without additional devices
- Internal communication without additional devices
- Storey door loudspeaker with call differentiation without additional devices
- Switching/control functions without additional installation in the trunk line
- Parallel operation of up to 8 video call stations (with additional power supply). For programming, the PRI 602-01 USB and ZBVG 650-0 are required.

### Equipment of internal units:

- Acoustic and optical call signalling
- Call silencing with optical display
- Brilliant TFT colour monitor
- Optionally as a surface- or table-mounted variant
- Additionally in the Comfort models:
- Electronic zooming and displacement of the picture excerpt
- Operation by means of OSD menu system
- Integrated video memory (additional power supply required), extendable with optional SD card
- Doormatic function
- Call forwarding
- 8 integrated function keys for door release, internal calls, door dialling or switching/control commands

- 8 display LEDs without supplementary wiring
- Other intercom functions of the Comfort handsfree telephone:
- Callback function
- Internal group call
- Group paging announcement
- Automatic call pick-up
- For programming, the BPS 650-0 V2.xx is required

## Door loudspeakers plug+play

**BTLM 650-04**

Bus door loudspeaker module in 611 Vario design in conjunction with the Siedle In-Home bus. With front louvre made of weather- and UV-proof polycarbonate, tropicalized loudspeaker, long-life electret microphone and volume controller for loudspeaker. Illuminated low current light button. Integrated video control and working contact for the door release. DR contact can be controlled via the bus line without supplementary wiring. Acoustic feedback when pressing one of the call buttons at the BTM 650-01 to -04. Up to max. 40 call button modules can be connected in any optional combination, allowing up to max. 160 users. 1 BTLM 650-04 corresponds to 2 system users. Contact type: 2 n.o. contacts 15 V AC/30 V DC, 2 A. Switching time: DR, 3 secs. Ambient temperature: -20°C to +55°C. Protection system: IP 54. Height of structure (mm): 9. Dimensions (mm) W x H x D: 99 x 99 x 35

**Status display**

Optical display of operating status in addition to the acoustic acknowledgement signal: Four backlit LED symbols signal the different statuses: „Call“, „Not available“, „Speech“ and „Door release“.

For more information, please contact your local representative.  
Tel. +49 7723 63-434

**STV 850-1****STV 850-2****STV 850-4**

Select door station video for the Siedle In-Home bus, made of high-grade plastic with aluminium front, for surface-mounting. Door loudspeaker, integrated light button, call button(s) with backlit nameplate, exchangeable from the front, colour CCD camera.

- Colour system PAL
  - Image pick-up CCD sensor 8,4 mm (1/3") 752 x 582 pixel (horizontal/vertical)
  - Lens 3.7 mm
  - Automatic day/night switchover
  - Horizontal pick-up angle appr. 60°, vertical appr. 50°
  - Additional mechanical adjustment range by appr. 30° on the horizontal and vertical
  - Horizontal resolution 450 lines
  - Integrated infrared lighting
  - 2-stage heating 12 V AC max. 100 mA
- The door station is equipped with one, two or four call buttons.  
Mounting height appr. 1.50 m  
Protection system: IP 54, IK 8  
Ambient temperature: -20°C to +40°C  
Dimensions (mm) W x H x D: 100 x 340 x 38

**SBV 850-0**

Select letterbox video. Letterbox with integrated video door communication. Plastic housing with solid aluminium front, for surface-mounting. Removal from the front, with newspaper compartment. In compliance with DIN EN 13724.

Video door station with integrated illuminated light button, backlit nameplate, exchangeable from the front, and colour CCD camera.

- Colour system PAL
  - Image pick-up CCD sensor 8.4 mm (1/3") 752 x 582 pixel (horizontal/vertical)
  - Lens 3.7 mm
  - Automatic day/night switchover
  - Horizontal pick-up angle appr. 60°, vertical appr. 50°
  - Additional mechanical adjustment range by appr. 30° on the horizontal and vertical
  - Horizontal resolution 450 lines
  - Integrated infrared lighting
  - 2-stage heating 12 V AC max. 100 mA
- Pass-through size (mm) W x H: 331 x 31.6  
Protection system: IP 54, IK 8  
Ambient temperature: -20°C to +40°C  
Dimensions (mm) W x H x D: 409 x 645 x 125

**BTLE 051-03**

Bus custom-fit door loudspeaker for Siedle In-Home bus for on-site intercom compartments, door constructions, letterboxes etc. Incl. bus call button matrix BRMA 050-01 for direct connection of 12 of the customer's own on site call buttons. Volume controller for loudspeaker, integrated video control, potential-free working contact for the door release. DR contact can be controlled via the bus line without supplementary wiring.

Universal fastening possibilities, when using with louvre ZJ 051-... can be screwed on directly.

1 BTLE 050-... corresponds to 2 system users. Max. 14 BRMA 050-... can be connected to 1 BTLE 050-...

Contact type: contact 15 V AC/30 V DC, 2 A  
Switching time: 3 sec.  
Protection system: Dependent on the mounting conditions  
Dimensions (mm) W x H x D: 124 x 60 x 31  
Dimensions housing (mm) W x H x D: 100 x 60 x 31

**BRMA 050-01**

Bus call button matrix for the connection of existing call buttons to the custom-fit door loudspeaker BTLE 050-.../ATLE 670-...  
Max. 160 call buttons can be connected. However, a bus call button matrix BRMA 050-... is required for each started group of 12 call buttons.  
Max. 14 BRMA 050-... can be connected to 1 BTLE 050-...  
Max. 16 BRMA 050-... can be connected to 1 ATLE 670-...

Dimensions (mm) W x H x D: 53 x 100 x 17

## Call button modules plug+play



### BTM 650-01

Bus call button module with nameplate pocket and 1 separate call button with bell symbol.

Nameplate size (mm) W x H: 65 x 94

Call button (mm) W x H: 24 x 49

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27



### BTM 650-02

Bus call button module with 2 nameplate pockets and 2 separate call buttons with bell symbol.

Nameplate size (mm) W x H: 65 x 44.5

Call button (mm) W x H: 24 x 49

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27



### BTM 650-03

Bus call button module with 3 nameplate pockets and 3 separate call buttons with bell symbol.

Nameplate size (mm) W x H: 65 x 28

Call button (mm) W x H: 24 x 32

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27



### BTM 650-04

Bus call button module with 4 nameplate pockets and 4 separate call buttons with bell symbol.

Nameplate size (mm) W x H: 65 x 19.5

Call button (mm) W x H: 24 x 24

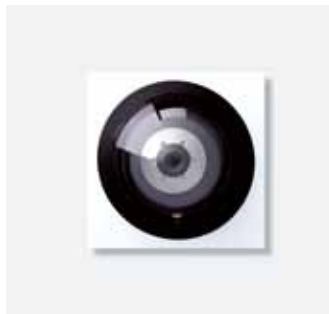
Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27

## Cameras

**BCMC 650-0**

Bus camera module, colour, for the Siedle In-Home bus: Video. For mounting in Siedle Vario 611 housing. Integrated heating with thermostat, infrared lighting and electronic control circuit.

- Colour system PAL
  - Image pick-up CCD sensor 8.4 mm (1/3") 752 x 582 pixel (horizontal/vertical)
  - Lens 2.9 mm
  - Automatic day/night switchover at approx. 4 Lux (from colour to monochrome) for optimized quality
  - Pick-up angle vertical 60°, horizontal 80°
  - Additional mechanical adjustment range 30° horizontal and vertical
  - Horizontal resolution 450 lines
  - 2-stage heating 12 V AC max. 100 mA
- Power supply via the In-Home bus  
Protection system: IP 54, IK 10  
Ambient temperature: -20°C to +40°C  
Height of structure (mm): 32  
Dimensions (mm) W x H x D:  
99 x 99 x 58

**BCMC 650-1 USA**

- Colour system NTSC
- Resolution horizontal 768 lines, vertical 494 pixel
- For further technical details, see above

## External cameras

**CEC 612-0**

Day/night CCD video camera for external mounting, in weather-proof housing and wall arm with ball head, internal cable routing.

- Image pick-up colour CCD sensor 8.4 mm (1/3"); 752 (H) x 582 (V) 440,000 pixel
  - Zoom-lens attachment 3.8–9.5 mm, F 1,2, with IR filter, automatic swivel action
  - Pick-up angle 74°–30°
  - Light sensitivity 0.5 Lux in colour mode and 0.24 Lux in monochrome mode, each at F 1.2
  - Backlight compensation
  - Automatic white balance
  - Resolution horizontal 480 TV lines
  - Video signal 1 Vpp, FBAS, at 75 Ohm
- Operating voltage: 10.5–30 V DC  
Operating current: max. 250 mA  
Protection system: IP 65  
Ambient temperature: -20°C to +40°C  
Dimensions (mm) W x H x D:  
62 x 96.5 x 187.5

**KA/WG 950-0 C**

Day/night CCD video camera for external mounting, with weather-proof housing and sun shade, wall arm with ball head and internal wiring.

- Image pick-up colour CCD sensor 6.3 mm (1/4"); 752 (H) x 582 (V) 400,000 pixel
  - Lens attachment 3.9–85.9 mm without IR filter
  - Pick-up angle 50°–2.5°
  - Light sensitivity 0.8 Lux at F 1,2
  - Resolution horizontal 480 TV lines
  - Video signal 1 Vpp at 75 Ohm
  - Connecting cable in wall arm
- Operating voltage: 20–30 V DC  
Operating current: max. 250 mA  
Protection system: IP 65  
Ambient temperature: -20°C to +40°C  
Dimensions (mm) dia. x H: 113 x 420.5

**ZNF 950-0**

Line rectifier foot accessory for the camera KA/WG 950-..., for supplying from the 230 V network. The cameras are connected by plug-in connections. Operating voltage: 230 V +6%–10%, 50 Hz  
Operating current: max. 160 mA  
Protection system: IP 65  
Dimensions (mm) dia. x H: 90 x 65

**BVS 650-01**

Bus video transmitter in a surface-mount housing with cable glands for connection of an external video camera and a bus door loudspeaker to the Siedle In-Home bus. Admissible distance between camera and BVS 650-... max. 10 m. Power supply via the In-Home bus  
Protection system: IP 54  
Ambient temperature: -20°C to +40°C  
Dimensions (mm) W x H x D:  
81 x 202 x 57

**BVA 650 AP-0**

Bus video interfacing module BVA 650 AP-... for actuation of external video cameras without door station at the Siedle In-Home bus. Surface-mounted version, integrated in a housing with screw joints, suitable for outdoor use. Admissible distance between camera and BVS 650-... max. 10 m. Power supply via the In-Home bus  
Operating current: max. 300 mA  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Dimensions (mm) W x H x D:  
120 x 140 x 60

**BVA 650 UP-0**

Bus video interfacing module BVA 650 UP-... for actuation of external video cameras without door station at the Siedle In-Home bus. Flush-mounting, for integration in 100 mm square flush-mount boxes. For use only in dry indoor atmospheres. Power supply via the In-Home bus  
A flush-mount box is included in the scope of supply.  
Operating current: max. 300 mA  
Protection system: IP 30  
Ambient temperature: 0°C to +40°C  
Dimensions (mm) W x H x D:  
90 x 75 x 35

## Bus telephones and accessories plug+play



### BTVS 850-03

Standard bus telephone with 8.8 cm colour monitor for the Siedle In-Home bus, in high-grade plastic.

With the functions calling, speech, vision, door release, light, and storey call.

Performance features:

- Door release, light and call silencing button
  - Monitor button for image connection.
  - Controller for brightness and colour.
  - TFT display (8.8 cm)
  - Hearing protection, audio and video privacy circuit integrated.
  - Call silencing with status display which flashes when a call is active.
  - Parallel operation of max. 8 BTVS 850-... units (additional installation/supply required).
  - Programming possible via PRI 602-... USB and ZBVG 650-...
  - Call differentiation for storey call, 2 door calls and internal call.
  - Call generator with 11 call tone sequences, including chime
  - Call volume adjustable in 5 stages up to max. 83 dB(A).
  - Light, monitor and call silencing button can be freely configured and double-assigned
  - Door release/light function at any time by means of bus wires
  - Door/video connection at any time, also possible without prior door call
  - Plug-in spiral cable for simple installation
  - Base plate pre-installable with terminals
  - Can be used as a table-top unit using table-top accessory ZTS 850-...
- Dimensions (mm) W x H x D:  
106 x 278 x 46



### BTCV 850-03

Comfort bus telephone with colour monitor 8.8 cm for door and internal telephony in high-grade plastic.

With the functions calling, speech, vision, door release, light, storey call/switching and control functions and internal communication.

Performance features:

- Integrated video memory (file format \*.tif, 720 x 576 Pixel) Additional power supply required
  - Upgradable with SD card (32 MB to 32 GB utilizable space).
  - Monitor button for picture connection
  - Integrated 5-way control button for operation of the video memory, zoom, brightness, colour saturation, date/time setting ...
  - Hearing protection, audio and video privacy circuit integrated
  - Call silencing with status display, flashes to indicate call waiting
  - Parallel operation of max. 8 BTCV 850-... units (additional installation/supply required)
  - Call differentiation for storey call, 2 door calls and internal call
  - Call generator with 11 ring tone sequences, including chime
  - Call volume adjustable in 5 stages up to max. 83 dB(A).
  - 8 LEDs for display (e.g. door open), without additional wiring
  - 8 integrated function buttons, 7 freely programmable and capable of double assignment without additional installation for activation via bus wires, e.g. for: Internal telephony, activation of switching/control functions in conjunction with bus switching module BSM/ BSE 650-..., selective dialling of door loudspeakers/cameras.
  - Integrated inscription field
  - Audio tones for internal communication
  - Call differentiation for internal calls
  - Door call acceptance.
  - Group formation for door calls. Each BTCV 850-... can belong to up to 4 groups in the same line.
  - Doormatic function
  - Call forwarding
  - Door release/light function at any time using bus wires
  - Door/video connection at any time, also possible without prior door call
  - Plug-in spiral cable for simple installation
  - Base plate pre-installable with terminals
  - Can be used as a table-top unit using table-top accessory ZTCV 850-...
- Dimensions (mm) W x H x D:  
106 x 278 x 46

Standard variant without panel	Order key white housing	
White	...W	
Design variants with panel	Order key translucent housing	Order key black housing
Stainless steel	...E/T	...E/S
Aluminium	...A/T	...A/S
High gloss white	...WH/T	...WH/S
High gloss black	...SH/T	...SH/S
Gold	...EG/T	...EG/S
Chrome	...EC/T	...EC/S
Wenge	...HW/T	...HW/S
Bamboo	...HB/T	...HB/S
Example BTVS 850-03 W		
Further execution on demand		

**ZTCV 850-0**

Table-top accessory for bus telephones with colour monitor BTCV/BFCV 850-0 as well as BTVS/BFSV 850-03 for conversion from a wall to a table-top unit. Slip-proof console with 2 rubber feet but without telecom socket UAE 8/8. Connecting cable: 8-pole 3 m long

The table-top accessory is also available in black ZTCV 850-0 S.

**BNS 750-02**

Bus secondary signal unit in low-profile surface-mounted design with loud-speaker, volume control adjustable from the outside and electronic call generator, programmable in parallel to the BTS/BFS/BTC/BFC/BTVS/BFSV/BTCV/BFCV 850-.... Counts as a user within the limit of 465 units (users).

Call differentiation for storey and door calls.

Dimensions (mm) W x H x D:  
107 x 107 x 25

## Handsfree bus telephones and accessories plug+play



### BFSV 850-03

Standard handsfree bus telephone with colour monitor 8.8 cm for Siedle In-Home bus, in high-grade plastic. With the functions calling, speech, vision, door release, light, and storey call.

Performance features:

- Door release, light, call silencing and speech/control button
- Monitor button for image connection
- Controller for brightness and colour.
- TFT display (8.8 cm)
- Speech volume adjustable in 5 stages
- Integrated audio and video privacy device
- Status display with active speech connection
- Call silencing and status display
- Optical call display by flashing of the speech button
- Parallel operation of max. 8 BFSV 850-... units (additional installation/supply required).

8 BFSV 850-... units (additional installation/supply required).  
• Programming possible via PRI 602-... USB and ZBVG 650-...

- Call differentiation for storey call, 2 door calls and internal call
- Call generator with 11 call tone sequences, including chime
- Call volume adjustable in 5 stages up to max. 83 dB(A)
- Light, monitor and call silencing button can be freely configured and double-assigned
- Door release/light function at any time via the bus line
- Door/video connection at any time, also possible without prior door call
- Base plate pre-installable with terminals

• Can be used as a table-top unit using table-top accessory ZTS 850-...

Dimensions (mm) W x H x D:  
106 x 278 x 27



### BFCV 850-02

Comfort handsfree bus telephone intercom with colour monitor 8.8 cm for the Siedle In-Home bus, made of high-grade plastic.

With the functions calling, speech, vision, door release, light, storey call/switching and control functions and internal communication.

Performance features:

- Integrated video memory for 28 colour pictures (file format \*.tif, 720 x 576 Pixel). Additional power supply required
- Upgradable with SD card (32 MB to 32 GB utilizable space)
- Monitor button for image connection
- Integrated 5-way control button for operation of the video memory, zoom, brightness, colour saturation, setting the date and time, ...
- Integrated audio and video privacy device.
- Status display with active speech connection
- Call silencing with status display.
- Parallel operation of max. 8 BFCV 850-... units (additional installation/supply required).
- Programming possible via PRI 602-... USB and ZBVG 650-...
- Call differentiation for storey call, 2 door calls and internal call
- Call differentiation for internal calls
- Set call-back
- 11 different electronic call tones to choose from
- Call volume adjustable in 5 stages up to max. 83 dB(A).
- 8 LEDs for display (e.g. door open) without additional wiring
- 8 integrated function keys, 7 freely programmable and capable of double assignment. Optionally assignable button functions can be triggered without supplementary installation via bus cores, e.g. for internal telephony, to initiate switching/control functions in conjunction with bus switching module BSM/BSE 650-..., selective dialling of

door loudspeakers/cameras

- Integrated inscription panel
- Door call acceptance
- Group formation for door calls. Each BFC(V) 850-... can belong to up to 4 groups in the same line.
- Large-area buttons (as speech/control buttons)
- Door release/light function at any time by means of bus wires
- Door/video connection at any time, also possible without prior door call
- Base plate pre-installable with terminals
- Can be used as a table-top unit using table-top accessory ZTCV 850-...

Intercom functions:

- Call forwarding
- Internal group call
- Collective announcement (additional supply required)
- Automatic call pick-up of internal calls
- Doormatic

Dimensions (mm) W x H x D:  
106 x 278 x 27



### ZTCV 850-0

Table-top accessory for bus telephones with colour monitor BFCV/BFSV 850-0 as well as BTVS/BFSV 850-03 for conversion from a wall to a table-top unit. Slip-proof console with 2 rubber feet but without telecom socket UAE 8/8. Connecting cable: 8-pole 3 m long

The table-top accessory is also available in black ZTCV 850-0 S.

Standard variant without panel	Order key white housing	
White	...W	
Design variants with panel	Order key translucent housing	Order key black housing
Stainless steel	...E/T	...E/S
Aluminium	...A/T	...A/S
High gloss white	...WH/T	...WH/S
High gloss black	...SH/T	...SH/S
Gold	...EG/T	...EG/S
Chrome	...EC/T	...EC/S
Wenge	...HW/T	...HW/S
Bamboo	...HB/T	...HB/S
Example BFSV 850-03 W		
Further execution on demand		



## Siedle Scope plug+play

**BNS 750-02**

Bus secondary signal unit in low-profile surface-mounted design with loud-speaker, volume control adjustable from the outside and electronic call generator, programmable in parallel to the BTS/BFS/BTC/BFC/BTSV/BFSV/BTCV/BFCV 850-...

Counts as a user within the limit of 465 units (users).

Call differentiation for storey and door calls.

Dimensions (mm) W x H x D:  
107 x 107 x 25

**S 850-0**

Siedle Scope mobile video call station and cordless landline telephone for the In-Home bus. Comprising a base station, cordless handset and charging tray. Scope unites the worlds of door communication and public network telephony, it is a comfort video in-house telephone and DECT telephone in one.

Performance features

- Exclusive design with high-grade materials and fine workmanship
- High range and excellent speech quality thanks to DECT standard
- ECO mode with reduced transmission output
- Energy-saving line rectifiers (max. 0.5 W no load)
- Range outdoors up to 300 m, indoors up to 50 m
- Video surveillance with digital zoom
- Door call forwarding, e.g. to a mobile phone, also for door calls including door release (PIN-protected)
- Control of house functions such as light, garage door or roller shutters
- Communication between Scope and all other In-Home devices in the same line
- Doormatic
- Upgradable: Up to 8 cordless handsets in parallel
- Compatible with DECT telephones of other makes in compliance with GAP profile
- Operation possible with and without telephone system

Cordless handset performance features

- Individual design concept with six design variants
- Large 5.5 cm colour display, 240 x 320 pixel, illuminated
- Illuminated keypad
- Hands-free function
- Charging cradle with illuminated control buttons (call acceptance and door release)
- 8 ringtones
- Phonebook for 50 entries
- Caller list including date and time
- Last number redial
- Optional menu language setting
- Date and time display
- Signal strength display
- Caller display (clip)
- Li polymer battery
- Battery life on standby up to 100 h

Ambient temperature: +5°C to +40°C

Protection system: IP 40

Dimensions (mm) W x H x D:

Base station 180 x 180 x 32,  
mobile section 50 x 170.5 x 25,  
charger tray 100 x 100 x 28

**SZM 850-0**

Siedle Scope supplementary cordless handset with charging tray and plug-in line rectifier. The SZM 850-... is a comfort video in-house telephone and DECT telephone in one, as an add-on for basic package S 850-...

Up to 8 cordless handsets can be logged into one base station.

Performance features

- Individual design concept with six design variants
- Large 5.5 cm colour display, 240 x 320 pixel, illuminated
- Illuminated keypad
- Handsfree function
- Charging tray with illuminated control keys (call acceptance and door release)
- 8 ring tones
- Telephone directory for 50 entries
- Caller list with 20 entries including date and time
- Last number redial
- Optional menu language setting
- Date and time display
- Signal strength display
- Caller display (clip)
- Li polymer battery
- Battery life on standby up to 100 h
- Energy-saving line rectifier (max. 0.5 W no load)

Ambient temperature: +5°C to +40°C

Dimensions (mm) W x H x D:

Mobile section 170.5 x 50 x 25,  
charger tray 100 x 100 x 28

**Siedle Scope cordless handset**

Purchase order code	Weight (kg)
E/S	0.26
EG/S	0.26
EC/S	0.26
A/S	0.19
WH/S	0.19
SH/S	0.19

For design variants, please see the table on page 222

## Supply/control units



### **BVNG 650-0 plug+play**

Bus video line rectifier for Siedle In-Home bus video in switch panel housing for power supply to the bus users. Optional plug-in facility for the bus supply unit accessory ZBVG 650-... and bus video line rectifier accessory ZBVNG 650-... as a video amplifier. Operating voltage: 230 V AC +/-10%, 50/60 Hz  
Output current: 1.2 A  
Output voltage: 29 V DC stabilized +/-5%  
Fusing: Primary thermal fuse, secondary short circuit proof  
Contact type: 2 n.o. contacts 24 V, 2 A  
Protection system: IP 30  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 9  
Dimensions (mm) W x H x D:  
162 x 89 x 60

### **BVNG 650-1 USA**

Operating voltage: 125 V +/-10%, 50/60 Hz  
For further technical details please see above.



### **ZBVNG 650-0**

Bus video line rectifier accessory as a plug-in card for installation in bus video line rectifier BVNG 650-... Required where attenuation within a line is > 45 dB or for the creation of a multiple-line system with more than one BVNG 650-...  
In the case of multiple line systems, the ZBVNG 650-... must be installed in each BVNG 650-...



### **ZBVG 650-0 plug+play**

Bus supply unit accessory as a plug-in card for integration in bus line rectifier BNG 650-... or bus video line rectifier BVNG 650-... with 8-pin Western socket for connection of the programming interface PRI 602-... USB. Is required in systems with more than one line or for programming the in-home bus via a Windows PC and PRI 602-... USB. Only one unit may be installed within the Siedle In-Home bus.



### **NG 602-01**

Line rectifier in switch panel housing for 1+n technology, and for power supply to supplementary components. Inclusive of function LEDs. Operating voltage: 230 V AC +/-10%, 50/60 Hz  
Typical current consumption: 41 VA  
Output voltage: 23.3 V DC, 12 V AC  
Output current: 0.3 A DC; 1.6 A AC  
Fusing: Primary, 200 mA T, secondary, thermal fusing  
Protection system: IP 20  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 6  
Dimensions (mm) W x H x D:  
107 x 89 x 60

### **NG 602-1 USA**

Operating voltage: 125 V +/-10%, 50-60 Hz 41 VA  
For further technical details please see above.

**TR 603-0**

Transformer in switch panel housing, to supply supplementary components.  
 Operating voltage: 230 V AC +/-10%, 50/60 Hz  
 Output voltage: 12 V AC  
 Output current: max. 1.3 A  
 Fusing: Secondary side with thermal fuse  
 Protection system: IP 30  
 Ambient temperature: 0°C to +40°C  
 Horizontal pitch (HP): 3  
 Dimensions (mm) W x H x D:  
 53.5 x 89 x 60

**BIM 650-02**

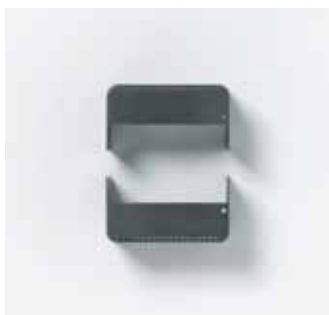
Bus interface module in switch panel housing, used for connection between Siedle Vario bus and Siedle In-Home bus. It is always required when a bus door loudspeaker has to be equipped with a COM 611-... or DRM 611-... and call controller RC 602-... in addition to or instead of direct call buttons.  
 For programming, the PC can be connected via the BIM 650-... and PRI 602-...  
 Horizontal pitch (HP): 3  
 Dimensions (mm) W x H x D:  
 53.5 x 89 x 60

**BVD 650-0**

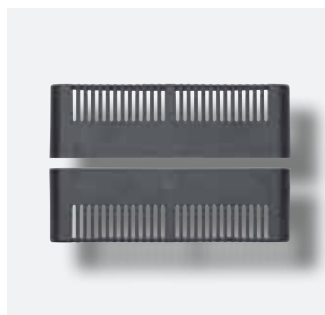
The bus video demodulator converts the video signal from the In-Home bus into an FBAS signal, so that customarily available video monitors, video surveillance systems and TVs (with AV input) can display the picture.  
 As long as control voltage is applied at the control input, the FBAS video signal is available at the video output. In addition, the potential-free output is closed for this period. No continuous monitoring is possible in the In-Home bus for system-related reasons.  
 Operating voltage: 12 V AC, max. 300 mA  
 Control voltage/current:  
 4–30 V DC, max. 10 mA  
 4–20 V AC, max. 5 mA  
 Contact type:  
 n.o. contact max. 30 V AC/DC, 2 A  
 Protection system: IP 20  
 Ambient temperature: 0°C to +40°C  
 Horizontal pitch (HP): 6  
 Dimensions (mm) W x H x D:  
 107 x 89 x 60

**ZAP 3-0**

Terminal cover accessory for surface-mounting.  
 Horizontal pitch (HP): 3  
 Dimensions (mm) W x H x D:  
 53.5 x 50 x 60

**ZAP 6-0**

Terminal cover accessory for surface-mounting.  
 Horizontal pitch (HP): 6  
 Dimensions (mm) W x H x D:  
 110 x 50 x 60

**ZAP 9-0**

Terminal cover accessory for surface-mounting.  
 Horizontal pitch (HP): 9  
 Dimensions (mm) W x H x D:  
 164 x 50 x 60

Switch panel units	(GU) Grid units/ surface-mount cover
NG 602-0	6 (ZAP 6-0)
TR 603-0	3 (ZAP 3-0)
BVNG 650-0	9 (ZAP 9-0)
BIM 650-02	3 (ZAP 3-0)
BSM 650-02	3 (ZAP 3-0)
IEIB 600-0	3 (ZAP 3-0)

## Distributors/separating filters



### BSM 650-02

Bus switching module in switch panel housing with 4 integrated relays, each with one potential-free work contact. Programmed functions can be actuated using the programmable buttons of the system users or in parallel to a door call button to actuate an external signalling device.

Operating voltage: 12 V AC  
Operating current: max. 240 mA  
Contact type:  
4 n.o. contacts, max. 24 V, 2 A  
Switching time: Adjustable from 1 to 10 sec.  
Horizontal pitch (HP): 3  
Dimensions (mm) W x H x D:  
53.5 x 89 x 60



### BSE 650-0

Bus switching unit with bistable relay, suitable for mounting in a 55 junction box.

Actuation possible via BEM, using the programmable buttons of the system users or in parallel to a door call button. Power supply via the In-Home bus  
Admissible switching output:

- Light bulbs max. 1300 W
- Fluorescent lamps max. 800 W
- Twin fluorescent lamps max. 1200 W
- Parallel compensated fluorescent lamps max. 400 W

Contact type: Changeover switch  
max. 250 V AC, 6 A  
Switching time: adjustable from 0.4 secs. to 19 mins. 59 secs. / switching on and off  
Protection system: IP 20  
Ambient temperature: 0°C to +40°C  
Dimensions (mm) dia. x H: 51 x 23



### BEM 650-0

Bus input module for mounting in a 55 junction box with an input for tripping switching functions/transmitting messages at the In-Home bus.

Activation possible via potential-free contact or 4–30 V DC, 10 mA.  
Power supply via the In-Home bus  
Protection system: IP 20  
Ambient temperature: 0°C to +40°C  
Dimensions (mm) dia. x H: 51 x 23



### BVVS 650-0

Symmetrical bus video distributor with 2 outputs, suitable for mounting in a 55 junction box, for creation of a tree structure or in the case of several risers.

Protection system: IP 20  
Ambient temperature: 0°C to +40°C  
Dimensions (mm) dia. x H: 51 x 23



### BVVU 650-0

Asymmetrical bus video distributor, suitable for mounting in 55 junction box, for coupling one bus video transmitter BVS 650-.../BCMC 650-... each

Protection system: IP 20  
Ambient temperature: 0°C to +40°C  
Dimensions (mm) dia. x H: 51 x 23



### BAA 650-0

Bus audio decoupler, suitable for mounting 55 junction box, for connection of pure audio components to the In-Home Video bus, e.g. BTS, BFS, BTC, BFC, BTLM/BTLE without video, BNS, BSM, BIM etc.

Protection system: IP 20  
Ambient temperature: 0°C to +40°C  
Dimensions (mm) dia. x H: 51 x 23



### PRI 602-01 USB

The programming interface PRI 602-... USB in a switch panel housing connects a Windows PC via the USB port to the Siedle In-Home bus.

Connection to the line rectifiers BNG 650-... and BVNG 650-... via ZBVG 650-...

The bus programming software BPS 650-... is included in the scope of delivery. Interface to the Siedle In-Home bus via 8-pin Western socket or via screw terminals.

Only one PRI 602-... USB can be connected to a PC.

System requirements: Windows PC, Win 2000, Win XP/Vista (32 Bit)  
Operating voltage: 10–15 V AC or 10–30 V DC

Protection system: IP 20  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 3  
Dimensions (mm) W x H x D:  
53.5 x 89 x 60

**ZHSB 650-0**

Top hat rail fixture accessory for switch panel mounting of BSE/BEM 650-..., BVVS/BVVU/BAA 650-... etc.

Set of 5 pcs.

Dimensions (mm) W x H x D:

18 x 60 x 20

**BPS 650-0 V2.xx**

Bus programming software for programming the In-Home bus system.

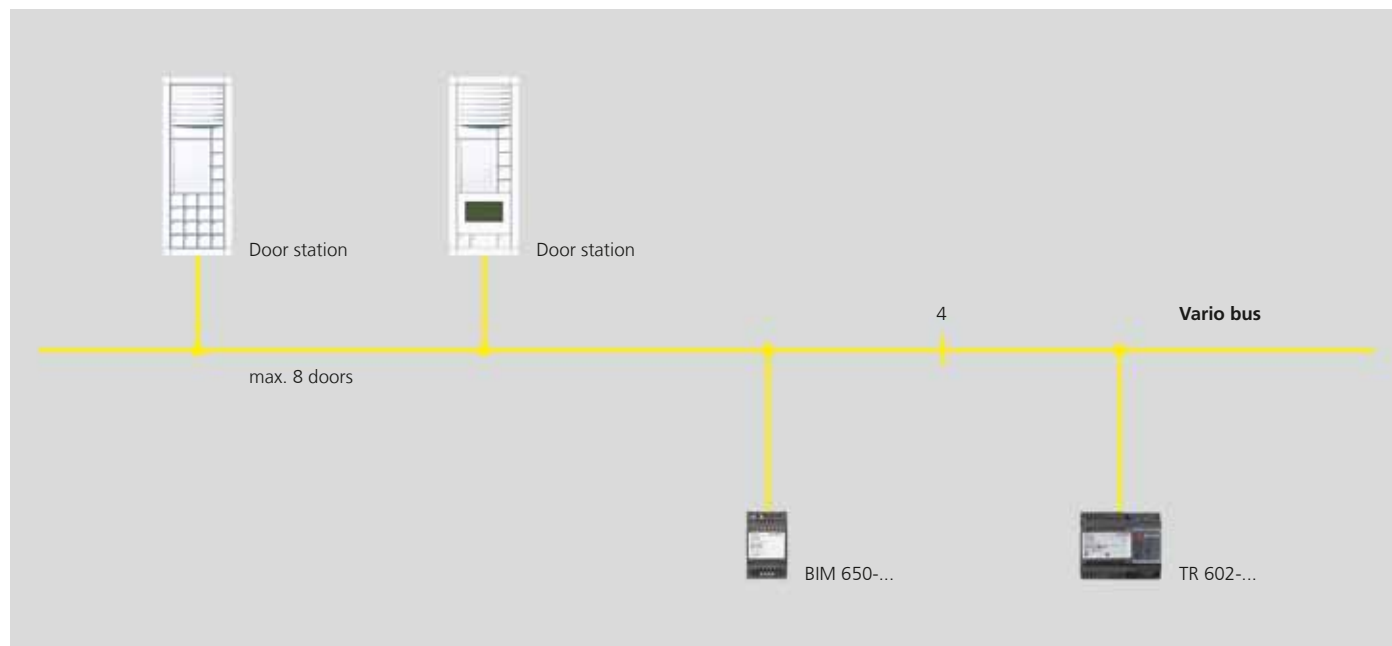
For this, programming interface

PRI 602-... USB is required.

System requirements: Windows PC,

Win 2000, Win XP/Vista (32 Bit)

### Digital call input at the In-Home bus



A variety of input and control devices can be connected to the Siedle Vario bus comprising 4 wires.

Connected telephones are called by means of the code lock or display call module (electronic name list). For this the BIM 650-02 is required in the Siedle In-Home bus.

## Control units, supply and programming accessories

**TR 602-01**

Transformer in switch panel housing, to supply supplementary components.  
 Operating voltage: 230 V AC  $\pm 10\%$ , 50/60 Hz  
 Output voltage: 12 V AC  
 Output current: max. 2.5 A  
 Fusing: Secondary side with thermal fuse  
 Protection system: IP 20  
 Ambient temperature: 0°C to +40°C  
 Horizontal pitch (HP): 6  
 Dimensions (mm) W x H x D:  
 107 x 89 x 60

**BIM 650-02**

Bus interface module in switch panel housing, used for connection between Siedle Vario bus and Siedle In-Home bus. It is always required when a bus door loudspeaker has to be equipped with a COM 611-... or DRM 611-... and call controller RC 602-... in addition to or instead of direct call buttons. For programming, the PC can be connected via the BIM 650-... and PRI 602-...  
 Horizontal pitch (HP): 3  
 Dimensions (mm) W x H x D:  
 53.5 x 89 x 60

**PRI 602-0**

The programming interface connects an IBM-compatible Windows PC with the Vario bus system.  
 The electronic conversion circuit is equipped with a bilateral connecting cable from Sub-D plug to 6-pin telecom/Western connector (total length appr. 3.5 m). The relevant programming software PRS 602-.../BPS 650-... is provided. A 6-pin telecom/Western socket (ZWA 640-... recommended) must be provided in conjunction with the Vario bus system.  
 System requirements: Windows PC, Win 2000, Win XP/Vista (32 Bit)  
 Operating voltage: 10–15 V AC  
 Protection system: IP 30  
 Ambient temperature: 0°C to +40°C  
 Horizontal pitch (HP): 3  
 Dimensions (mm) W x H x D:  
 90 x 65 x 25

**PRI 602-01 USB**

The programming interface PRI 602-... USB in a switch panel housing connects a Windows PC via the USB port to the Siedle In-Home bus. Connection to the line rectifiers BNG 650-... and BVNG 650-... via ZBVG 650-...  
 The bus programming software BPS 650-... is included in the scope of delivery. Interface to the Siedle In-Home bus via 8-pin Western socket or via screw terminals.  
 Only one PRI 602-... USB can be connected to a PC.  
 System requirements: Windows PC, Win 2000, Win XP/Vista (32 Bit)  
 Operating voltage: 10–15 V AC or 10–30 V DC  
 Protection system: IP 20  
 Ambient temperature: 0°C to +40°C  
 Horizontal pitch (HP): 3  
 Dimensions (mm) W x H x D:  
 53.5 x 89 x 60

**PRS 602-01**

Programming software suitable for programming the Vario bus components. The CD contains the following software, drivers and documents:

- Call controller and call controller extension RC/RCE 602-...
- Entrance controller and entrance controller extension EC/ECE 602-...
- FPM 611-... firmware update
- All necessary drivers, documentation of the display call module DRM 611-... and fingerprint module FPM 611-...

System requirements: Windows PC, Win 2000, Win XP, Win Vista Home/Ultimate, Win 7 Home Premium/Professional (32 Bit)

**Siedle In-Home bus: Video with Vario surface-mount system**

	1 RU	2 RU	3 RU	4 RU	6 RU	8 RU
Door loudspeaker module	1 BTLM 650-04	1 BTLM 650-04	1 BTLM 650-04	1 BTLM 650-04	1 BTLM 650-04	1 BTLM 650-04
Camera module	1 BCMC 650-0	1 BCMC 650-0	1 BCMC 650-0	1 BCMC 650-0	1 BCMC 650-0	1 BCMC 650-0
Call button module	1 BTM 650-01	1 BTM 650-02	1 BTM 650-03	1 BTM 650-04	2 BTM 650-03	2 BTM 650-04
Dummy module						
Surface-mount housing	1 GA 612-3/1-0	1 GA 612-3/1-0	1 GA 612-3/1-0	1 GA 612-3/1-0	1 GA 612-4/1-0	1 GA 612-4/1-0
Mounting frame	1 MR 611-3/1-0	1 MR 611-3/1-0	1 MR 611-3/1-0	1 MR 611-3/1-0	1 MR 611-4/1-0	1 MR 611-4/1-0
Current supply	1 BVNG 650-0	1 BVNG 650-0	1 BVNG 650-0	1 BVNG 650-0	1 BVNG 650-0	1 BVNG 650-0
	1 TR 603-0	1 TR 603-0	1 TR 603-0	1 TR 603-0	1 TR 603-0	1 TR 603-0
Video distributor*		2 BVVU 650-0	3 BVVU 650-0	4 BVVU 650-0	6 BVVU 650-0	8 BVVU 650-0
Pilfer safeguard	2 ZDS 601-0	2 ZDS 601-0	2 ZDS 601-0	2 ZDS 601-0	2 ZDS 601-0	2 ZDS 601-0
	1 DSC 602-0	1 DSC 602-0	1 DSC 602-0	1 DSC 602-0	1 DSC 602-0	1 DSC 602-0
Bus telephone						
Standard with colour monitor	1 BTSV 850-03 W	2 BTSV 850-03 W	3 BTSV 850-03 W	4 BTSV 850-03 W	6 BTSV 850-03 W	8 BTSV 850-03 W
Bus telephone						
Comfort with colour monitor**	1 BTCV 850-03 W	2 BTCV 850-03 W	3 BTCV 850-03 W	4 BTCV 850-03 W	6 BTCV 850-03 W	8 BTCV 850-03 W
Handsfree bus telephone						
Standard with colour monitor	1 BFSV 850-03 W	2 BFSV 850-03 W	3 BFSV 850-03 W	4 BFSV 850-03 W	6 BFSV 850-03 W	8 BFSV 850-03 W
Handsfree bus telephone						
Comfort intercom with colour monitor**	1 BFCV 850-02 W	2 BFCV 850-02 W	3 BFCV 850-02 W	4 BFCV 850-02 W	6 BFCV 850-02 W	8 BFCV 850-02 W
Siedle Scope						
	1 S 850-0 E/S	2 S 850-0 E/S	3 S 850-0 E/S	4 S 850-0 E/S	6 S 850-0 E/S	8 S 850-0 E/S

**Siedle In-Home bus: Video with Vario flush-mount system**

	1 RU	2 RU	3 RU	4 RU	6 RU	8 RU
Door loudspeaker module	1 BTLM 650-04	1 BTLM 650-04	1 BTLM 650-04	1 BTLM 650-04	1 BTLM 650-04	1 BTLM 650-04
Camera module	1 BCMC 650-0	1 BCMC 650-0	1 BCMC 650-0	1 BCMC 650-0	1 BCMC 650-0	1 BCMC 650-0
Call button module	1 BTM 650-01	1 BTM 650-02	1 BTM 650-03	1 BTM 650-04	2 BTM 650-03	2 BTM 650-04
Dummy module						
Flush-mount housing	1 GU 611-3/1-0	1 GU 611-3/1-0	1 GU 611-3/1-0	1 GU 611-3/1-0	1 GU 611-4/1-0	1 GU 611-4/1-0
Mounting frame	1 MR 611-3/1-0	1 MR 611-3/1-0	1 MR 611-3/1-0	1 MR 611-3/1-0	1 MR 611-4/1-0	1 MR 611-4/1-0
Combination frame	1 KR 611-3/1-0	1 KR 611-3/1-0	1 KR 611-3/1-0	1 KR 611-3/1-0	1 KR 611-4/1-0	1 KR 611-4/1-0
Current supply	1 BVNG 650-0	1 BVNG 650-0	1 BVNG 650-0	1 BVNG 650-0	1 BVNG 650-0	1 BVNG 650-0
	1 TR 603-0	1 TR 603-0	1 TR 603-0	1 TR 603-0	1 TR 603-0	1 TR 603-0
Video distributor*		2 BVVU 650-0	3 BVVU 650-0	4 BVVU 650-0	6 BVVU 650-0	8 BVVU 650-0
Pilfer safeguard	2 ZDS 601-0	2 ZDS 601-0	2 ZDS 601-0	2 ZDS 601-0	2 ZDS 601-0	2 ZDS 601-0
	1 DSC 602-0	1 DSC 602-0	1 DSC 602-0	1 DSC 602-0	1 DSC 602-0	1 DSC 602-0
Bus telephone						
Standard with colour monitor	1 BTSV 850-03 W	2 BTSV 850-03 W	3 BTSV 850-03 W	4 BTSV 850-03 W	6 BTSV 850-03 W	8 BTSV 850-03 W
Bus telephone						
Comfort with colour monitor**	1 BTCV 850-03 W	2 BTCV 850-03 W	3 BTCV 850-03 W	4 BTCV 850-03 W	6 BTCV 850-03 W	8 BTCV 850-03 W
Handsfree bus telephone						
Standard with colour monitor	1 BFSV 850-03 W	2 BFSV 850-03 W	3 BFSV 850-03 W	4 BFSV 850-03 W	6 BFSV 850-03 W	8 BFSV 850-03 W
Handsfree bus telephone						
Comfort intercom with colour monitor**	1 BFCV 850-02 W	2 BFCV 850-02 W	3 BFCV 850-02 W	4 BFCV 850-02 W	6 BFCV 850-02 W	8 BFCV 850-02 W
Siedle Scope						
	1 S 850-0 E/S	2 S 850-0 E/S	3 S 850-0 E/S	4 S 850-0 E/S	6 S 850-0 E/S	8 S 850-0 E/S



**Siedle In-Home bus: Video with Siedle Classic**

	1 RU	2 RU	3 RU	4 RU
Door station	1 CL V 01 B-02	1 CL V 02 B-02	1 CL V 03 B-02	1 CL V 04 B-02
Current supply	1 BVNG 650-0	1 BVNG 650-0	1 BVNG 650-0	1 BVNG 650-0
	1 TR 602-01	1 TR 602-01	1 TR 602-01	1 TR 602-01
Video distributor*		2 BVVU 650-0	3 BVVU 650-0	4 BVVU 650-0
Pilfer safeguard	1 ZDS/CL	1 ZDS/CL	1 ZDS/CL	1 ZDS/CL
Bus telephone				
Standard with colour monitor	1 BTSV 850-03 W	2 BTSV 850-03 W	3 BTSV 850-03 W	4 BTSV 850-03 W
Bus telephone				
Comfort with colour monitor**	1 BTCV 850-03 W	2 BTCV 850-03 W	3 BTCV 850-03 W	4 BTCV 850-03 W
Handsfree bus telephone				
Standard with colour monitor	1 BFSV 850-03 W	2 BFSV 850-03 W	3 BFSV 850-03 W	4 BFSV 850-03 W
Handsfree bus telephone				
Comfort intercom with colour monitor**	1 BFCV 850-02 W	2 BFCV 850-02 W	3 BFCV 850-02 W	4 BFCV 850-02 W
Siedle Scope	1 S 850-0 E/S	2 S 850-0 E/S	3 S 850-0 E/S	4 S 850-0 E/S

\* Only required with Siedle Scope

\*\* To use the video memory function,  
an additional power supply is required.



## Intercom systems

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**The specialist decides!  
But always: on a project-  
specific basis!**

For new installations, Siedle offers three systems: wire-saving 1+n technology, the modern in-home bus and the IP system Siedle Access. Every technology has its own specific strengths and benefits. The specialist installer must decide by an inspection of circumstances on site which system is most suitable for each concrete

application. The tables on these pages are designed to help you make this decision. If you still have unanswered questions, please do not hesitate to contact your local Siedle Exhibition and Training Centre or the headquarters in Furtwangen direct – we will be pleased to help.

Application area			
	1+n technology	In-Home bus	Access
<b>New installation</b>			
• Simple one / two-family home	++	+	0
• Upmarket one / two-family home	+	++	+
• Simple multiple-family home	++	+	0
• Upmarket multiple-family home	+	++	++
• Functional building	0	++	++
<b>Renovation/reconstruction</b>			
• Unknown conductor quality	++	0	0
• Existing bell system	++	+	0
• Existing bell / DR system	+	++	0
• Existing multiple-wire system	+	++	0
• Existing CAT5 installation	0	0	++

0 Well suited  
+ Very well suited  
++ Ideally suited

**System benefits**

**1+n technology**

- Low-cost maintenance/inspection
- High degree of servicing/inspection convenience
- Fail-safe design: In case of a system failure in individual apartments, the remaining system generally remains up and running
- Fast, simple troubleshooting even in case of locked apartments, generally possible without problems from the door loudspeaker
- Devices can be exchanged without loss of programming
- Commissioning without programming effort

**In-Home bus**

- Low-cost installation
- High degree of installation reliability by polarity-free bus-technology
- Individual solution opportunities with a wide scope of functions
- Optimum flexibility in case of later function upgrades
- Commissioning by Plug+Play \* without programming
- Convenient system configuration - documentation and more by PC software

**Access**

- Compatible to international network standards
- Flexible and scalable IP communication system
- Project specifically extendable functional scope
- Fast, simple planning
- More than 1.000 users
- Up to 50 simultaneous speech and video devices can be connected to the system
- Complex switching and control functions, also over KNX
- Comprehensive concierge and surveillance functions
- Connection to external systems via the server
- Remote maintenance and updates possible

\* This applies to the assignment of the in-house telephones to the call buttons. Extensions of the basic functions, e.g. parallel call or switch and control functions, can be programmed in addition manually or by PC.

System performance features	Siedle In-Home bus	1+n technology	Access
Technology	2-wire bus technology	1+n technology	Structured wiring in accordance with DIN EN 50173
Wiring	Bus installation	Star formation installation	Structured wiring in accordance with DIN EN 50173
Exchangeable cores	•	–	–
Low current conductor YR	• (as per specifications)	•	min. CAT5
<b>Equipment of Siedle indoor devices</b>			
Door release / Light button	•	•	•
Audio privacy function	•	•	•
Storey call with call differentiation	•	•	•
Call differentiation door call/storey call/internal call	•	•	•
Gong signal	BTS/BTSV/BTC/BTCV/BFS/BFSV/BFC/BFCV	HTC	AHT/AHF/AHTV/AHFV/ASHT/ASC
Call silencing	•	•	•
Call volume control from the outside	•	•	•
Video actuation and video privacy device	•	–	•
Table mounting with accessories	•	•	•
<b>System functions</b>			
Speech volume control	Steplessly at the BTLM, in 5 steps at the BFS/BFSV/BFC/BFCV	Steplessly at the TLM	In 5 steps at the AHT/AHF/AHTV/AHFV/ATLM/ATLE
Door release switching duration	Fixed at 3 secs	Fixed at 3 secs	Freely configurable (3 secs. default setting)
Light actuation	No supplementary installation	No supplementary installation	No supplementary installation
Function: Door release and light	At any time	At any time	At any time
Parallel operation of in-house telephones	max. 4 devices max. 8 units with additional supply	max. 2 units in the side circuit max. 6 units with GC	Any optional number
Secondary signal - own unit	BNS	NS	–
- accessory to actuate external signal	•	•	•
Storey door loudspeaker with call differentiation	•	• with HTC	•
Internal communication	max. 31 devices	max. 6 devices	Any optional number
Switching/control functions without supplementary installation	•	with HTC	•
Status display with LEDs (via separate installation)	BTC/BFC/BTCV/BFCV 8 units –	HTC 2 units	AHT/AHF/AHTV/AHFV –
Direct door dialling without door call	•	–	•
<b>Intercom functions</b>			
Internal communication/collective call	•	–	•
Doormatic function	BTC/BFC/BTCV/BFCV	–	AHT/AHF/AHTV/AHFV/ASHT/ASC
Call forwarding	–	–	ASC
Rerouting	BTC/BFC/BTCV/BFCV	–	AHT/AHF/AHTV/AHFV/ASHT/ASC
Automatic call pick-up	BFC/BFCV	–	–
Callback	BFC/BFCV	–	–
Paging announcement	BFC/BFCV	–	–
<b>Mounting and commissioning</b>			
Programming necessary on - commissioning	•	no	•
- unit exchange	•	no	•
Plug+Play programming *	•	–	–
Programming support	Acoustic	Not required	Not required
One-man commissioning	•	•	•
<b>System upgrading</b>			
No. of door stations	max. 225	max. 8	Any optional number
Switchover in multiple-door systems	Without supplementary units	Without supplementary units	Without supplementary units
Max. no. of users	465	500	Over 1000
Speech channels (if appl. with suppl. units)	max. 15 (1 per line)	1 (plus 1 per ETC + GC)	>10 (dependent on bandwidth)
Video channels (if appl. with suppl. units)	max. 15 (1 per line)	–	>10 (dependent on bandwidth)
Audio range (with 0.8 mm dia.)	300 m per line 900 m across lines	500 m	Unlimited
Video range (with 0.8 mm dia.)	150 m per branch with IY(St)Y 300 m across lines	–	Unlimited
Laid cable in the system	1500 m per line	2500 m	Unlimited
<b>System interlinking</b>			
with Siedle Video	BTSV/BTCV/BFSV/BFCV	–	AHTV/AHFV/ASHT/ASC
Connection to TC systems	• via DCA 650-...	• via DCA 612-...	
Interlinking with Siedle Vario	•	•	•
Programming documentation on the PC	•	–	•
Connection to PC networks	via DCIP 650-...	–	•



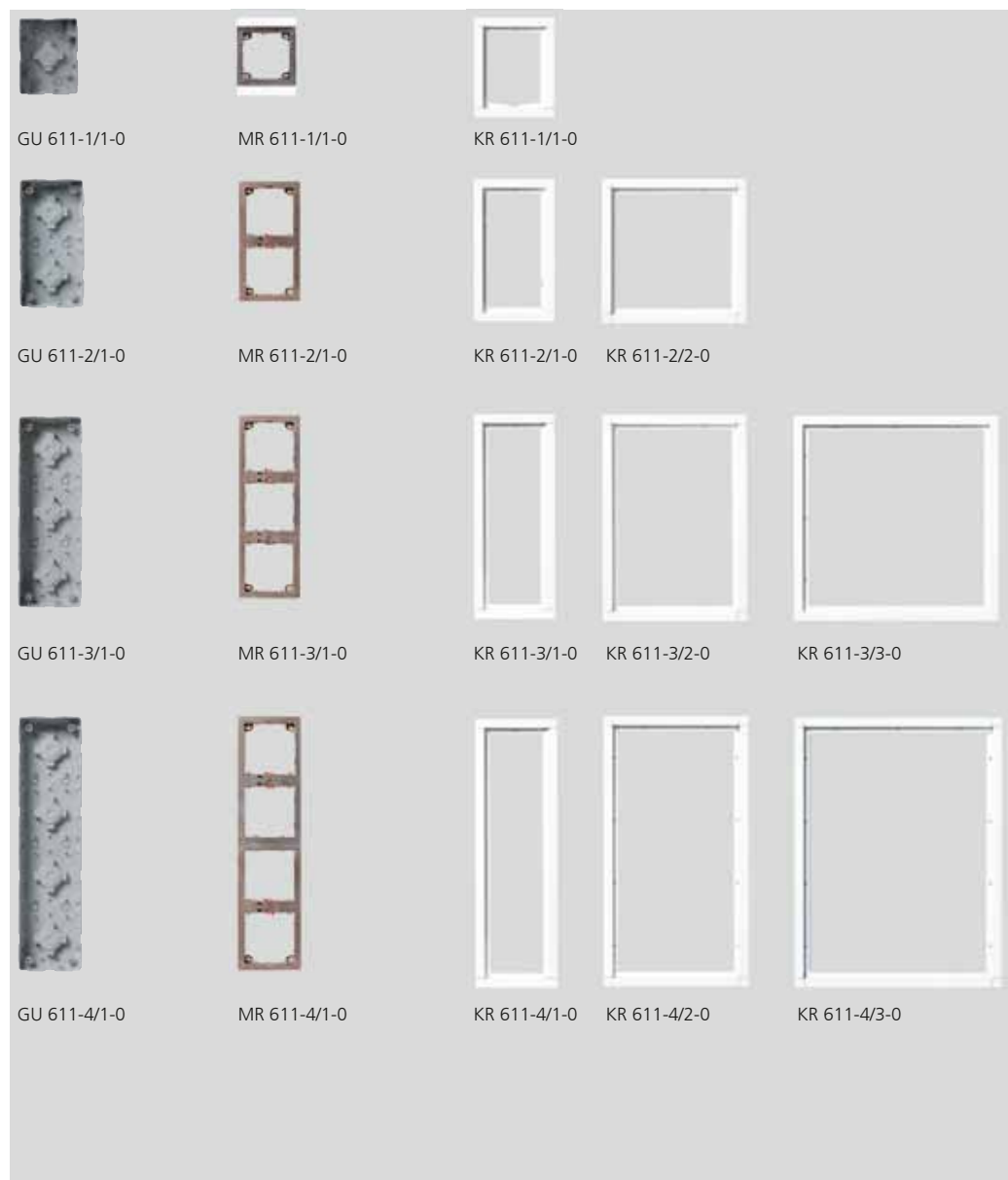
## **Intercom systems 1+n technology**

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## Siedle Vario modules

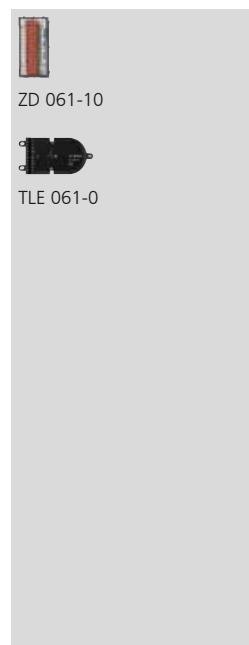


## Frame and housing Flush-mounting

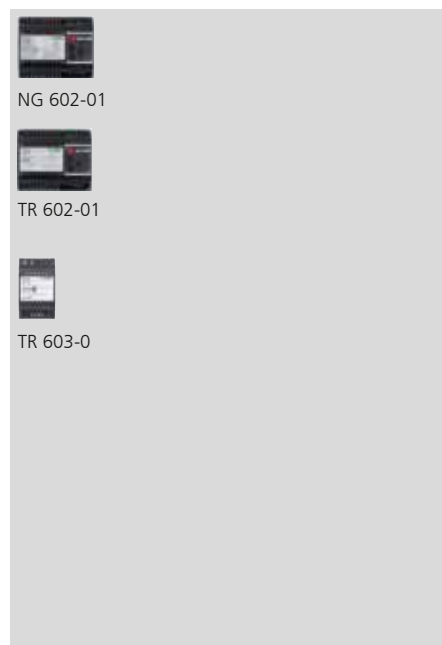


## Functions

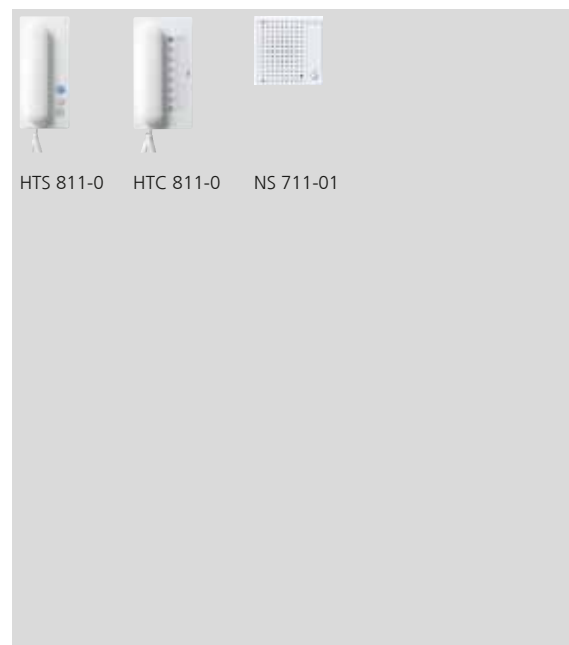
### Custom-fit door loudspeaker



### Mains power supply

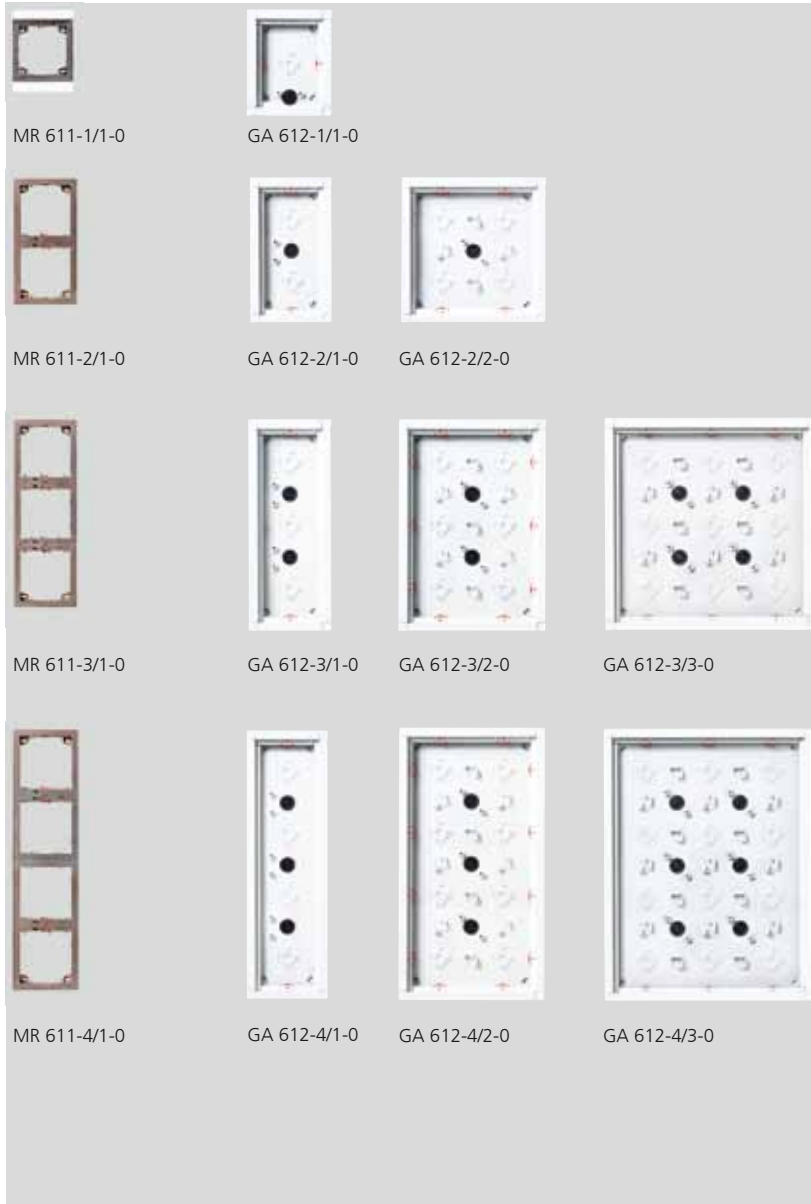


### Indoor call stations












## Frame and housing Surface-mounting



## Controlling and switching

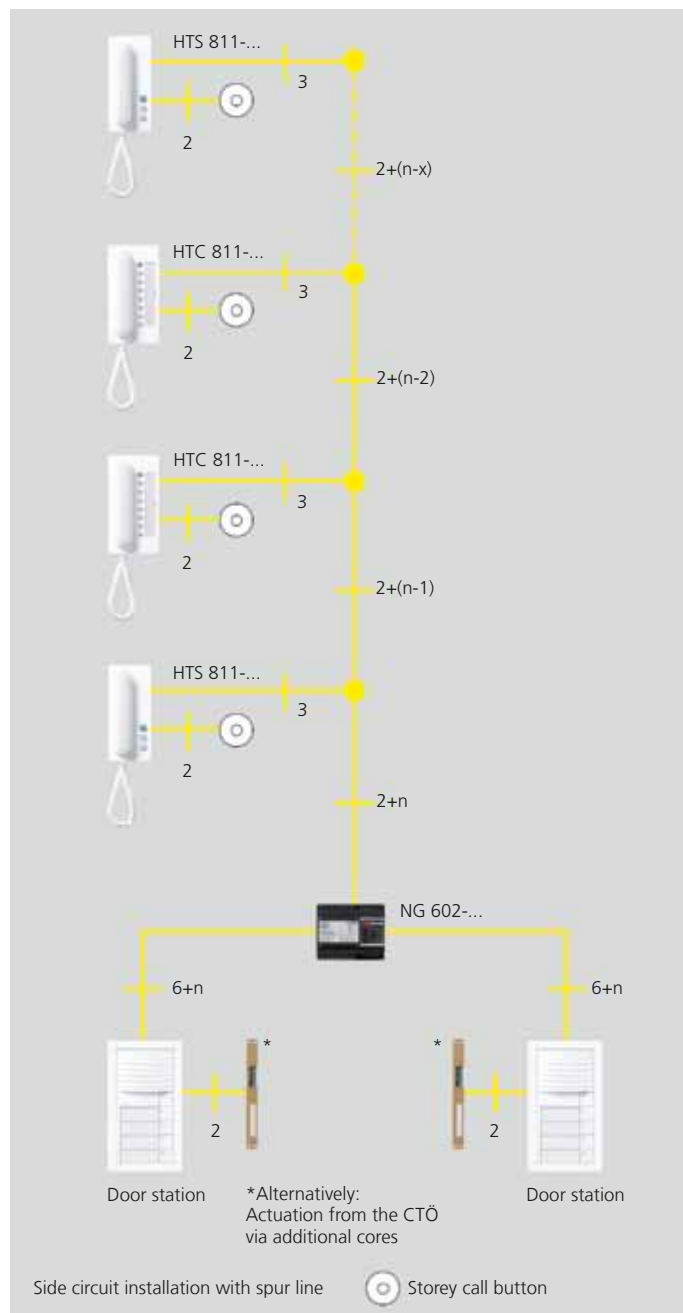
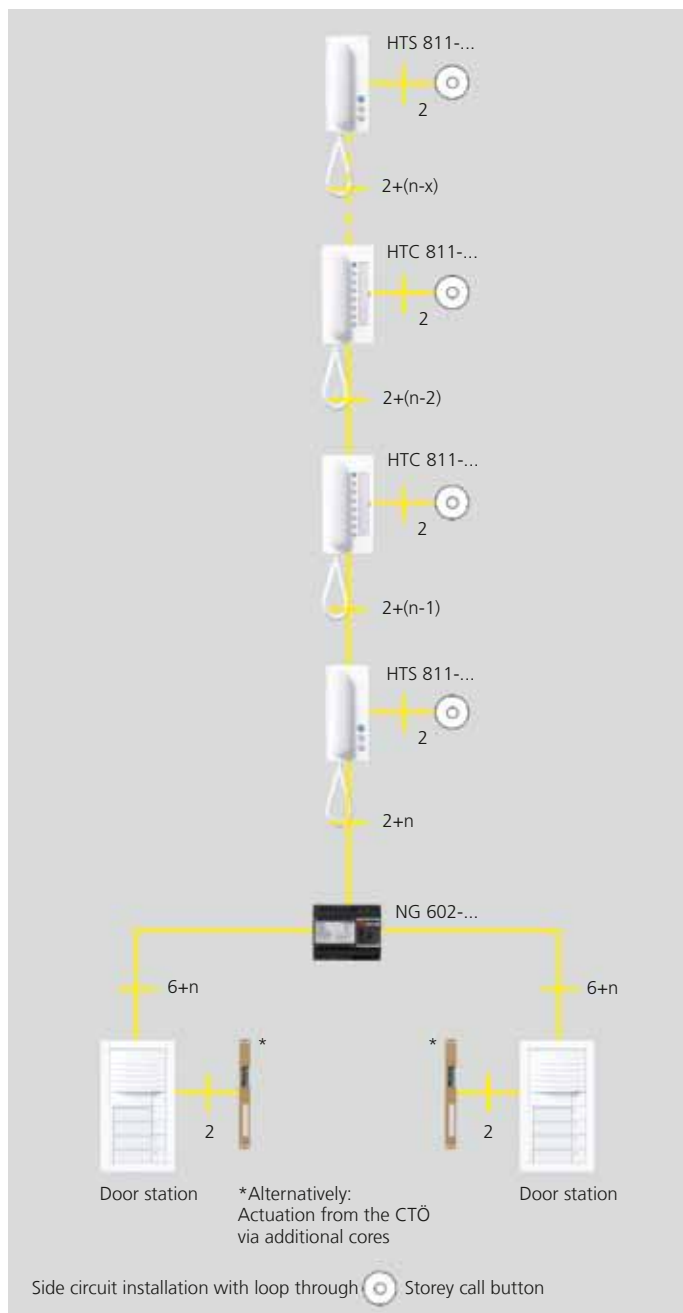
	Storey controller for connection to storey door stations, separate NG 602-01 required.
ETC 602-0	
	Group controller for internal speech communication max. 6 x HTC 811-0
GC 612-0	
	Entrance controller as electronic evaluating circuit for switching functions in conjunction with modules COM 611-02, ELM 611-01 and FPM 611-02*
EC 602-03 TR 603-0	
	Door release controller for security reasons to actuate the door release from the subdistribution
CTÖ 602-0	
	Switching/remote controller for execution of max. 4 switching/control functions
SFC 602-0	
	Secondary signal controller for actuation of existing on-site bell systems.
NSC 602-0	

## Telephone link

	For connection of existing on-site PBX systems with an analogue telephone connection in accordance with TBR-21
DCA 612-0	

\*FPM 611-02 programming only possible at the PC, accessories required.

## System house/performance features



### General

- Installation optionally with loop through or spur line
- 1+n installation
- YR warranty
- Central troubleshooting, generally from the door station
- No programming work required
- Device exchange without reprogramming
- Simple retrofitting of existing bell/intercom systems
- Free selection of door station (Siedle Vario, Steel or Classic)
- Siedle Individual: In-house telephones in 17 design variants

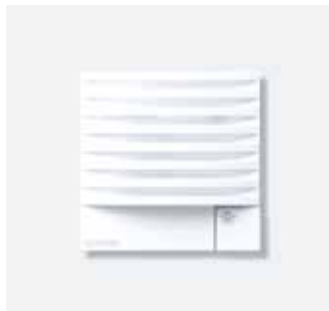
### System functions

- Maximum of 500 users
- Public telephone network connection via DoorCom Analog
- Optional speech channels (with supplementary device)
- Multiple door systems (up to 8 doors) without additional devices
- Internal communication with up to 6 HTC 811 telephones via GC 612
- Storey door loudspeaker with call differentiation
- Switching/control functions without additional installation in the side circuit (with HTC 811)
- Parallel switching of up to 2 HTS/HTC 811 in-house telephones

### Equipment of internal units:

- Call volume and call silencing by means of rotary controller
- Storey call with call differentiation
- Optionally as a surface or table-mounted variant
- 8 integrated function keys for door release, internal calls or switching/control commands (HTC 811)
- 2 display LEDs via separate installation (HTC 811)

## Door loudspeakers and call button modules



### TLM 612-02

Door loudspeaker module for the wire-saving 1+n system. Front louvre made of weather- and UV-proof polycarbonate, tropicalized loudspeaker, long-life electret microphone with volume controller for loudspeaker. With integrated switching unit for automatic synchronization of several door loudspeakers, and floating contacts for door release and light. The module can be triggered directly from the in-house telephone via the wire-saving side circuit installation. connection facility for SFC 602-... and

### CTÖ 602-...

Acoustic feedback when pressing one of the call buttons at the TM 612-1 to -4  
Contact type:  
2 n.o. contacts 15 V AC/30 V DC, 2 A  
Switching time: DR, 3 secs.  
Ambient temperature: -20°C to +55°C  
Protection system: IP 54  
Height of structure (mm): 9  
Dimensions (mm) W x H x D:  
99 x 99 x 35



### TLE 061-0

Custom-fit door loudspeaker for wire-saving system with HTS/HTC for customer's intercom compartments, door designs, letterbox systems etc. With automatic synchronization of several door loudspeakers, and floating contacts for door release and light. Can be screwed directly onto louvre ZJ 051-... Loudspeaker with volume controller.  
Protection system: Dependent on the mounting conditions

Dimensions (mm) W x H x D:

124 x 60 x 31

Dimensions housing (mm) W x H x D:  
100 x 60 x 31



### TM 612-1

Call button module with nameplate pocket and 1 separate call button with bell symbol.  
Nameplate size (mm) W x H: 65 x 94  
Call button (mm) W x H: 24 x 49  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Dimensions (mm) W x H x D:  
99 x 99 x 27



### TM 612-2

Call button module with nameplate pocket, 2 nameplates, 2 separate call buttons with bell symbol.  
Nameplate size (mm) W x H: 65 x 44.5  
Call button (mm) W x H: 24 x 49  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Dimensions (mm) W x H x D:  
99 x 99 x 27



### TM 612-3

Call button module with nameplate pocket, 3 nameplates and 3 separate call buttons with bell symbol.  
Nameplate size (mm) W x H: 65 x 28  
Call button (mm) W x H: 24 x 32  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Dimensions (mm) W x H x D:  
99 x 99 x 27



### TM 612-4

Call button module with nameplate pocket, 4 nameplates and 4 separate call buttons with bell symbol.  
Nameplate size (mm) W x H: 65 x 19.5  
Call button (mm) W x H: 24 x 24  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Dimensions (mm) W x H x D:  
99 x 99 x 27



### ZD 061-10

The accessory diode must be used with wire-saving 1+n technology with HTS/HTC 811-... in conjunction with custom-fit loudspeaker TLE 061, for customer's bell panels. An accessory diode ZD 061-10 is required for each started group of 10 call buttons. The ZD 061-10 can be mounted in a row on all sides using guides for simpler installation. It can be inserted in the intercom/bell compartment, glued on a flat surface or fastened with 2 screws.

Dimensions (mm) W x H x D:  
35 x 70 x 20



### ZJ 051-0

Accessory louvre made of high-quality polycarbonate plastic for use as a speech grille and as protection for the TLE 061-..., BTLE 050-... and BTLE 051-... custom-fit door loudspeaker.  
Louvre fitted with screw mountings from the rear.  
Dimensions (mm) W x H x D:  
75 x 60 x 11



### ZTL 051-0

Universal mounting adapter for the TLE 061-..., BTLE 050-... and TLE 051-..., to fit the mounts for the previous TL 001 and TL 011 custom-fit door loudspeakers and for the M5 speaker and microphone system. With accessory lamp.

## In-house telephones and accessories



### HTS 811-0

Standard in-house telephone for 1+n technology in high-grade plastic. With the basic functions calling, speech, door release, light and storey call.

Performance features:

- Door release and light button integrated
  - Hearing protection, audio privacy function integrated
  - Parallel switching of max. 2 telephones without internal communication
  - Electronic call generator with 3-tone call signal for door call, 2-tone call signal for storey call
  - Call silencing by means of volume controller (turned completely to the left, lock-in position)
  - Call volume accessible from outside
  - Door release/light function at any time
  - Plug-in spiral cable for simple installation
  - Call tones when connecting: to side circuit installation
  - Door call: 3-tone call signal, storey call: 2-tone call signal
  - To ETC 602-... Front / storey door loudspeaker: 3-tone call signal, storey call: 2-tone call signal
  - Call volume up to max. 83 dB(A)
  - Can be used as a table-top unit using table-top accessory ZTS 800-...
- Dimensions (mm) W x H x D:  
91 x 201 x 46



### ZTS 800-01

Table-top accessory for telephones BTS/BFS/BFC 850-... and HTS 811-... for conversion from a wall to a table-top unit. Slip-proof console with 2 rubber feet but without UAE 8 junction box. Connecting cable: 8-pole 3 m long

The table-top accessory is also available in black ZTS 800-01 S.



### HTC 811-0

Comfort in-house telephone for 1+n technology in high-grade plastic. With the functions calling, speech, door release, light, storey call/switching and control functions and internal communication.

Performance features:

- Door release and light button integrated
  - Hearing protection, audio privacy function integrated
  - Parallel switching of max. 2 telephones without internal communication
  - Electronic call generator with 3-tone call signal for door call, 2-tone call signal for storey call
  - Call silencing by means of volume controller (turned completely to the left, lock-in position)
  - Door release/light function at any time
  - Plug-in spiral cable for simple installation
  - Internal communication with max. 6 telephones via GC 612-...
  - Call volume accessible from outside
  - 2 LEDs for display (e.g. door open) separately wired
  - 6 integrated function keys, can be used without additional installation as:
    - Call buttons
    - To actuate control and switching functions in conjunction with SFC 602-...
    - Integrated inscription panel for function keys
  - 2 keys for use as potential-free buttons
  - Call differentiation for internal calls
  - Call tones when connecting: to side circuit installation
- Door call: 3-tone call signal (without G connection) or chime (with G connection), storey call: 2-tone call signal
- to GC 612-..., Door call: Chime
  - internal call: 3-tone call signal, storey call: 2-tone call signal
  - to ETC 602-... main / side circuit door loudspeaker: 3-tone call signal, storey door loudspeaker: 3-tone chime, storey call: 2-tone call signal
  - Call volume up to max. 83 dB(A)
  - Can be used as a table-top unit using table-top accessory ZTC 800-...
- Dimensions (mm) W x H x D:  
106 x 201 x 46



### ZTC 800-0

Table-top accessory for the telephone BTC 850-... and HTC 811-... for conversion from a wall to a table-top unit. Slip-proof console with 2 rubber feet but without UAE 8 junction box. Connecting cable: 2 x 8-pole 3 m long

The table-top accessory is also available in black ZTC 800-0 S.

**NS 711-01**

Secondary signal unit in a low-profile surface-mounting design with loud-speaker, externally adjustable volume control and electronic call generator. Can be connected to HTS/HTC 811-... . Call tones: Door call, 3-tone call signal (without G connection) or chime (with terminal G), storey call, 2-tone call signal. Call volume up to max. 86 dB(A) Protection system: IP 20 Dimensions (mm) W x H x D: 107 x 107 x 25

Standard variant without panel	Order key white housing	
White	...W	
Design variants with panel	Order key translucent housing	Order key black housing
Stainless steel	...E/T	...E/S
Aluminium	...A/T	...A/S
High gloss white	...WH/T	...WH/S
High gloss black	...SH/T	...SH/S
Gold	...EG/T	...EG/S
Chrome	...EC/T	...EC/S
Wenge	...HW/T	...HW/S
Bamboo	...HB/T	...HB/S
* Example HTS 811-0 W		
Further execution on demand		

## Supply/control units



### NG 602-01

Line rectifier in switch panel housing for 1+n technology, and for power supply to supplementary components. Inclusive of function LEDs.

Operating voltage: 230 V AC +/-10%, 50/60 Hz

Typical current consumption: 41 VA

Output voltage: 23.3 V DC, 12 V AC

Output current: 0.3 A DC; 1.6 A AC

Fusing: Primary, 200 mA T, secondary, thermal fusing

Protection system: IP 20

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 6

Dimensions (mm) W x H x D:

107 x 89 x 60



### NG 602-1 USA

Operating voltage: 125 V +/-10%,

50 –60 Hz 41 VA

For further technical details please see above.



### TR 603-0

Transformer in switch panel housing, to supply supplementary components.

Operating voltage: 230 V AC +/-10%, 50/60 Hz

Output voltage: 12 V AC

Output current: max. 1.3 A

Fusing: Secondary side with thermal fuse

Protection system: IP 30

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

53.5 x 89 x 60



### CTÖ 602-0

Controller door release in switch panel housing for actuation of a door release in conjunction with the wire-saving 1+n system. For security reasons this should not be connected directly to the door loudspeaker.

Operating voltage: 12 V AC

Operating current: max. 70 mA

Contact type: n.o. contacts, max. 24 V, 2 A

Switching time: Fixed at 3 secs.

Protection system: IP 20

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

53.5 x 89 x 60



### AR 402-0

Interfacing relay in switch panel housing for special circuits with 4 changeover contacts.

Control voltage / current:

6–12 V AC/DC, 100 mA

Contact type: 4 changeover switch 24 V, 1 A

Protection system: IP 20

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

53.5 x 89 x 60



### ZR 502-0

Time relay ZR 502 in switch panel housing with electronic control, particularly suitable as a light time switch, with LED function display, switch for continuous light ON and 2 floating switchover contacts.

Suitable for fluorescent lamps up to 600 W. No parallel compensated fluorescent lamps may be used.

Operating voltage: 10–15 V AC/DC

Contact type: 1 changeover switch

max. 230 V AC, 5 A

1 changeover switch 24 V AC/DC, 5 A

Switching time: 15 secs. to 12 mins.

run-on time

Control voltage / current: 230 V AC and/

or 10–15 V AC/DC, galvanically isolated

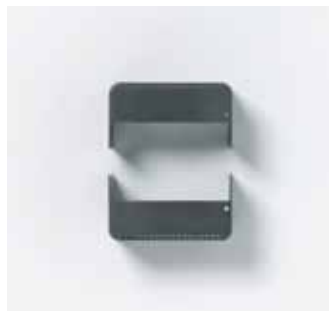
Protection system: IP 20

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

53.5 x 89 x 60



### ZAP 6-0

Terminal cover accessory for surface-mounting.

Horizontal pitch (HP): 6

Dimensions (mm) W x H x D:

110 x 50 x 60



### ZAP 3-0

Terminal cover accessory for surface-mounting.

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

53.5 x 50 x 60

**ETC 602-0**

Storey controller in switch panel housing for connection of an additional storey door loudspeaker to the relevant system telephones HTS/HTC 811-... Several storey controllers can be used in one system. Several calls are possible simultaneously, e.g. from the main entrance door loudspeaker to an in-house telephone and simultaneously from the storey door loudspeaker to a connected in-house telephone. Potential-free changeover contact WT/W0/WE e.g. for switchover from the door to the storey camera. Separate power supply via NG 602-... Storey controller for connection to storey door stations, separate NG 602-01 required.

Operating voltage: 24 V DC

Operating current: max. 60 mA

Contact type: Changeover switch  
24 V, 2 A

Ambient temperature: 0°C to +40°C

Protection system: IP 20

Horizontal pitch (HP): 6

Dimensions (mm) W x H x D:

107 x 89 x 60

**NSC 602-0**

Secondary signal controller for door calls, suitable for mounting in a 55 junction box, for connection of a secondary signal unit with its own power supply to the HTS/HTC 811-..., with screw-type terminals.

Secondary signal controller for actuation of existing on-site bell systems.

Contact type: Changeover contact,  
max. 24 V, 2 A

Protection system: IP 20

Dimensions (mm) dia. x H: 51 x 23

**SFC 602-0**

Switching/remote controller in switch panel housing for execution of max.

4 central switching/control functions (connection to DL) or 4 local switching/control functions (connection GC 612-... or door loudspeaker of the ETC 602-...).

1 relay with changeover contact and 3 relays with 1 working contact each.

Actuation takes place from buttons 1-5, light and door release of the HTC 811-...

From the HTS 811-..., only the light and door release buttons can be used. Function of buttons 1-5 can be set via DIL

switches as switches or buttons. For use

as timer, e.g. to trigger a heavy current

relay for staircase lighting. Connection

facility to ETC 602-..., GC 612-...,

TLE 061-... and TLM 612-...

Operating voltage: 12 V AC

Operating current: max. 250 mA

Contact type:

1 changeover switch 24 V DC/AC, 2 A,

3 n.o. contacts 24 V DC/AC, 2 A

Switching time:

2 x adjustable from 3 secs. to 20 mins

and 2 x fixed at 3 secs.

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

53.5 x 89 x 60

**GC 612-0**

Group controller in switch panel housing for internal speech operation, for connection of max. 6 in-house telephones HTC 811-... and speech connection to the door loudspeaker. Door calls can be selectively assigned.

Operating voltage: 24 V DC

Operating current: max. 300 mA

Contact type: n.o. contact 24 V, 2 A

Ambient temperature: 0°C to +40°C

Protection system: IP 20

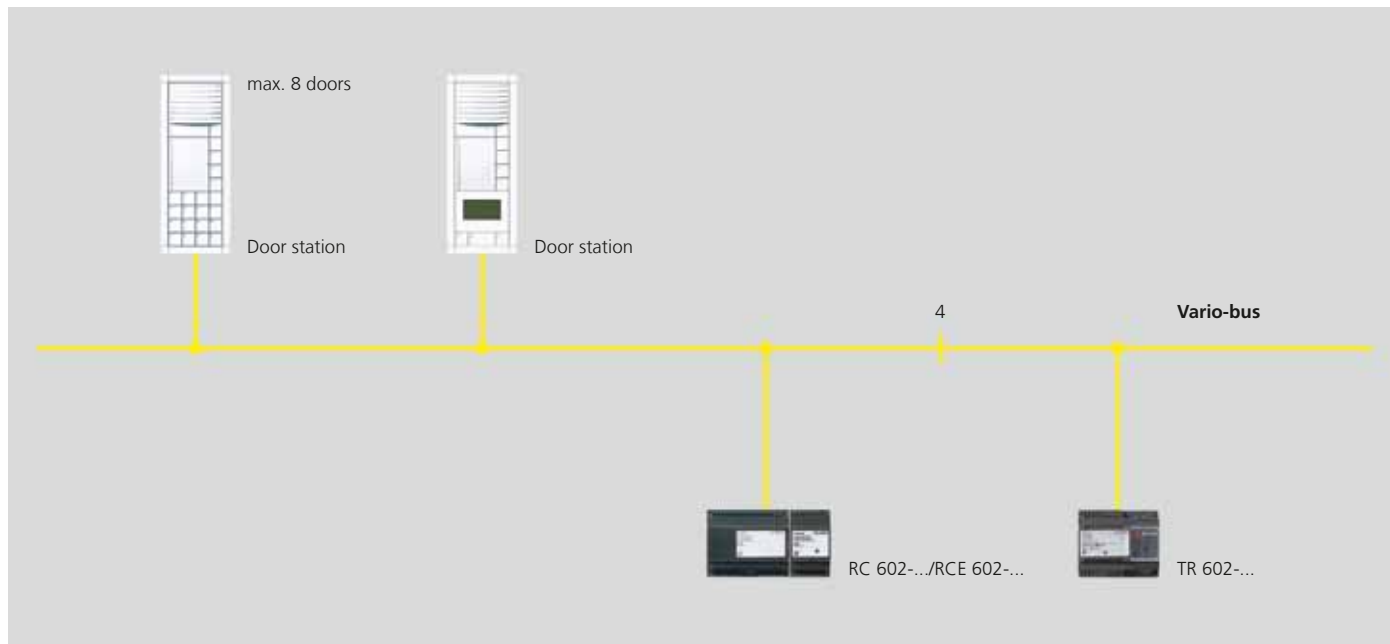
Horizontal pitch (HP): 6

Dimensions (mm) W x H x D:

107 x 89 x 60

Switch panel units	(GU) Grid units/ surface-mount cover
AR 402-0	3 (ZAP 3-0)
CTÖ 602-0	3 (ZAP 3-0)
ETC 602-0	6 (ZAP 6-0)
GC 612-0	6 (ZAP 6-0)
NG 602-01	6 (ZAP 6-0)
PRI 602-01 USB	3 (ZAP 3-0)
RC 602-0	6 (ZAP 6-0)
RCE 602-0	3 (ZAP 3-0)
SFC 602-0	3 (ZAP 3-0)
TR 602-01	6 (ZAP 6-0)
TR 603-0	3 (ZAP 3-0)
ZR 502-0	3 (ZAP 3-0)

## Digital call input



A variety of input and control devices can be connected to the Siedle Vario bus comprising 4 wires.

Connected telephones are called by means of the code lock or display call module (electronic name list). For this, the call controller RC 602-... is required in the 1+n system.

## Digital call input, control units, supply and programming accessories



### RC 602-0

Call controller in switch panel housing, for the conversion of coded calls to switching contacts in conjunction with the code lock module COM 611-... or display call module DRM 611-... Up to 8 Siedle Vario door loudspeakers for code calls can be connected to an RC 602-... The call can be initiated either at the keypad of a code lock module COM 611-... or at the display call module DRM 611-... from a door loudspeaker. The RC 602-... converts the code calls and makes available 8 call outputs for 8 users. By series connection with up to 31 RCE 602-... units, a maximum of 504 call outputs/users can be connected. At the door loudspeaker, direct calls can also be placed using call buttons. Programming of the RC 602-... is also possible using the Siedle programming service (Tel. +49 7723 63-434) or using a Windows PC with PRI 602-... on site. Operating voltage: 12 V AC  
Operating current: max. 180 mA  
Contact type: 8 contacts, 24 V, 1 A  
Ambient temperature: 0°C to +40°C  
Protection system: IP 20  
Horizontal pitch (HP): 6

Dimensions (mm) W x H x D:  
107 x 89 x 60



### RCC 602-0

The call controller card is used as a storage medium for customer-specific data from the RC 602-... The data can be stored using an IBM-compatible PC and a chip card terminal connected via an RS232 interface. The necessary software PRS 602-... is not included in the scope of supply.



### RCE 602-0

Call controller extension in switch panel housing, for extension of the call controller RC 602-... in systems with more than 8 users. The RCE 602-... makes available further 16 call outputs. Up to 31 RCE 602-... units can be series connected to an RC 602-..., so permitting the connection of max. 504 call outputs. Connection to the RC 602-... is created using the provided ribbon cable. Contact type: 16 contacts, 24 V, 1 A  
Protection system: IP 20  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 3  
Dimensions (mm) W x H x D:  
53.5 x 89 x 60





#### PRI 602-01 USB

The programming interface PRI 602-... USB in a switch panel housing connects a Windows PC via the USB port to the Siedle In-Home bus. Connection to the line rectifiers BNG 650-... and BVNG 650-... via ZBVG 650-...

The bus programming software BPS 650-... is included in the scope of delivery. Interface to the Siedle In-Home bus via 8-pin Western socket or via screw terminals.

Only one PRI 602-... USB can be connected to a PC.

System requirements: Windows PC, Win 2000, Win XP/Vista (32 Bit)

Operating voltage: 10–15 V AC or 10–30 V DC

Protection system: IP 20

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

53.5 x 89 x 60



#### PRI 602-0

The programming interface connects an IBM-compatible Windows PC with the Vario bus system.

The electronic conversion circuit is equipped with a bilateral connecting cable from Sub-D plug to 6-pin telecom/Western connector (total length appr. 3.5 m). The relevant programming software PRS 602-.../BPS 650-... is provided. A 6-pin telecom/Western socket (ZWA 640-... recommended) must be provided in conjunction with the Vario bus system.

System requirements: Windows PC, Win 2000, Win XP/Vista (32 Bit)

Operating voltage: 10–15 V AC

Protection system: IP 30

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

90 x 65 x 25



#### PRS 602-01

Programming software suitable for programming the Vario bus components. The CD contains the following software, drivers and documents:

- Call controller and call controller extension RC/RCE 602-...
- Entrance controller and entrance controller extension EC/ECE 602-...
- FPM 611-... firmware update
- All necessary drivers, documentation of the display call module DRM 611-... and fingerprint module FPM 611-...

System requirements: Windows PC, Win 2000, Win XP, Win Vista Home/Ultimate,

Win 7 Home Premium/Professional (32 Bit)



#### ZRCE 602-0

Ribbon cable, each with plug at either end (appr. 35 cm long). For connection of extension units CCE/RCE/ECE 602-... with the relevant upstream unit with a line skip in the distribution.



#### TR 602-01

Transformer in switch panel housing, to supply supplementary components.

Operating voltage: 230 V AC +/-10%, 50/60 Hz

Output voltage: 12 V AC

Output current: max. 2.5 A

Fusing: Secondary side with thermal fuse

Protection system: IP 20

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 6

Dimensions (mm) W x H x D:

107 x 89 x 60

### Siedle 1+n technology audio with Vario surface-mounted system

	1 RU	2 RU	3 RU	4 RU	6 RU	8 RU
Door loudspeaker module	1 TLM 612-02	1 TLM 612-02	1 TLM 612-02	1 TLM 612-02	1 TLM 612-02	1 TLM 612-02
Call button module	1 TM 612-1	1 TM 612-2	1 TM 612-3	1 TM 612-4	2 TM 612-3	2 TM 612-4
Surface-mount housing	1 GA 612-2/1-0	1 GA 612-2/1-0	1 GA 612-2/1-0	1 GA 612-2/1-0	1 GA 612-3/1-0	1 GA 612-3/1-0
Mounting frame	1 MR 611-2/1-0	1 MR 611-2/1-0	1 MR 611-2/1-0	1 MR 611-2/1-0	1 MR 611-3/1-0	1 MR 611-3/1-0
Current supply	1 NG 602-01	1 NG 602-01	1 NG 602-01	1 NG 602-01	1 NG 602-01	1 NG 602-01
Standard in-house telephone	1 HTS 811-0 W	2 HTS 811-0 W	3 HTS 811-0 W	4 HTS 811-0 W	6 HTS 811-0 W	8 HTS 811-0 W
Comfort in-house telephone	1 HTC 811-0 W	2 HTC 811-0 W	3 HTC 811-0 W	4 HTC 811-0 W	6 HTC 811-0 W	8 HTC 811-0 W

### Siedle 1+n technology audio with Vario flush-mounted system

	1 RU	2 RU	3 RU	4 RU	6 RU	8 RU
Door loudspeaker module	1 TLM 612-02	1 TLM 612-02	1 TLM 612-02	1 TLM 612-02	1 TLM 612-02	1 TLM 612-02
Call button module	1 TM 612-1	1 TM 612-2	1 TM 612-3	1 TM 612-4	2 TM 612-3	2 TM 612-4
Flush-mount housing	1 GU 611-2/1-0	1 GU 611-2/1-0	1 GU 611-2/1-0	1 GU 611-2/1-0	1 GU 611-3/1-0	1 GU 611-3/1-0
Mounting frame	1 MR 611-2/1-0	1 MR 611-2/1-0	1 MR 611-2/1-0	1 MR 611-2/1-0	1 MR 611-3/1-0	1 MR 611-3/1-0
Combination frame	1 KR 611-2/1-0	1 KR 611-2/1-0	1 KR 611-2/1-0	1 KR 611-2/1-0	1 KR 611-3/1-0	1 KR 611-3/1-0
Current supply	1 NG 602-01	1 NG 602-01	1 NG 602-01	1 NG 602-01	1 NG 602-01	1 NG 602-01
Standard in-house telephone	1 HTS 811-0 W	2 HTS 811-0 W	3 HTS 811-0 W	4 HTS 811-0 W	6 HTS 811-0 W	8 HTS 811-0 W
Comfort in-house telephone	1 HTC 811-0 W	2 HTC 811-0 W	3 HTC 811-0 W	4 HTC 811-0 W	6 HTC 811-0 W	8 HTC 811-0 W

### Siedle 1+n technology audio with Siedle Classic

	1 RU	2 RU	3 RU	4 RU	6 RU	8 RU
Door station	CL A 01 N-02	CL A 02 N-02	CL A 03 N-02	CL A 04 N-02	CL A 06 N-02	CL A 08 N-02
Current supply	1 NG 602-01	1 NG 602-01	1 NG 602-01	1 NG 602-01	1 NG 602-01	1 NG 602-01
Standard in-house telephone	1 HTS 811-0 W	2 HTS 811-0 W	3 HTS 811-0 W	4 HTS 811-0 W	6 HTS 811-0 W	8 HTS 811-0 W
Comfort in-house telephone	1 HTC 811-0 W	2 HTC 811-0 W	3 HTC 811-0 W	4 HTC 811-0 W	6 HTC 811-0 W	8 HTC 811-0 W

**Siedle 1+n technology audio with custom-fit door loudspeaker**

	1 RU	2 RU	3 RU	4 RU	6 RU	8 RU
Custom-fit door loudspeaker	1 TLE 061-0	1 TLE 061-0	1 TLE 061-0	1 TLE 061-0	1 TLE 061-0	1 TLE 061-0
Diode accessory	1 ZD 061-10	1 ZD 061-10	1 ZD 061-10	1 ZD 061-10	1 ZD 061-10	1 ZD 061-10
Current supply	1 NG 602-01	1 NG 602-01	1 NG 602-01	1 NG 602-01	1 NG 602-01	1 NG 602-01
Standard in-house telephone	1 HTS 811-0 W	2 HTS 811-0 W	3 HTS 811-0 W	4 HTS 811-0 W	6 HTS 811-0 W	8 HTS 811-0 W
Comfort in-house telephone	1 HTC 811-0 W	2 HTC 811-0 W	3 HTC 811-0 W	4 HTC 811-0 W	6 HTC 811-0 W	8 HTC 811-0 W





## New Siedle Access

IP-based door communication	280
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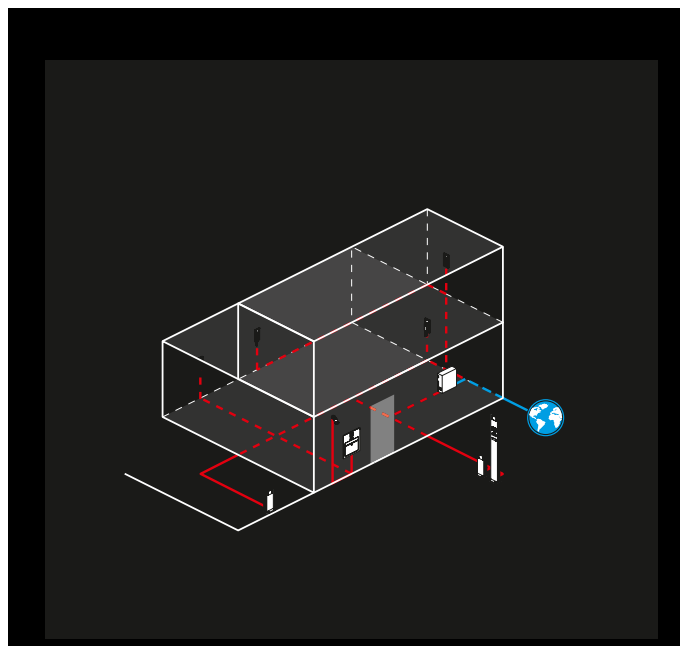
### **IP-based door communication**

Siedle Access makes door communication part of the IP world. From the door controller to the call station, every device is compatible with the international standard for infrastructure in communication and data networks, structured wiring. Access integrates seamlessly into an IP network, adding the whole functional scope of Siedle system technology, from speech connection using video and intercom through to complex switching and control functions.

The traditional strengths of Siedle systems are brought fully to bear also in the new, digital world. Security comes first. Because at the threshold which represents the border between private and public space, the most stringent requirements apply. This is why Siedle never routes a network or IP protocol to the outside. Added to security come flexibility and individuality.

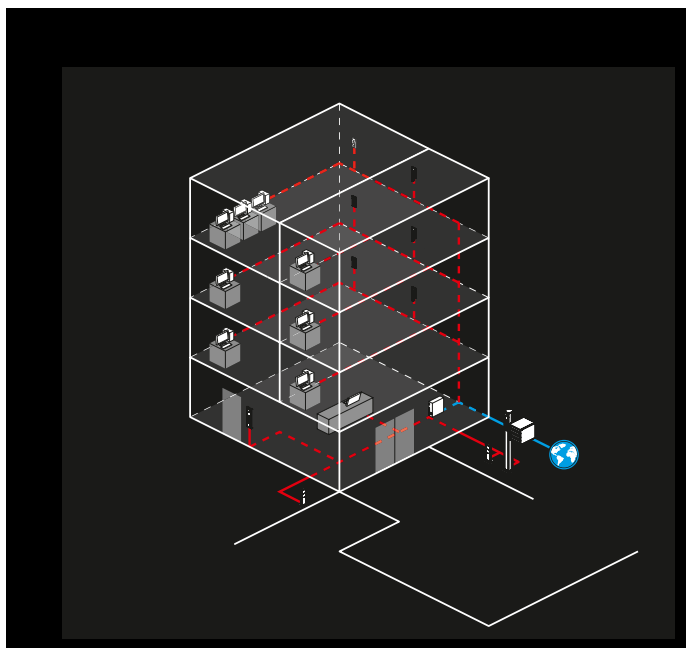
Siedle Access is not limited to certain product types; At the door, the system allows for a wide choice between the Vario, Steel and Classic design lines. Inside, the enormous diversity offered by Siedle intercom systems is extended to include a virtual in-house telephone, concierge software, selected non-Siedle devices and also, from 2012, Siedle Apps for iPhones and iPads.

### **Fields of application**



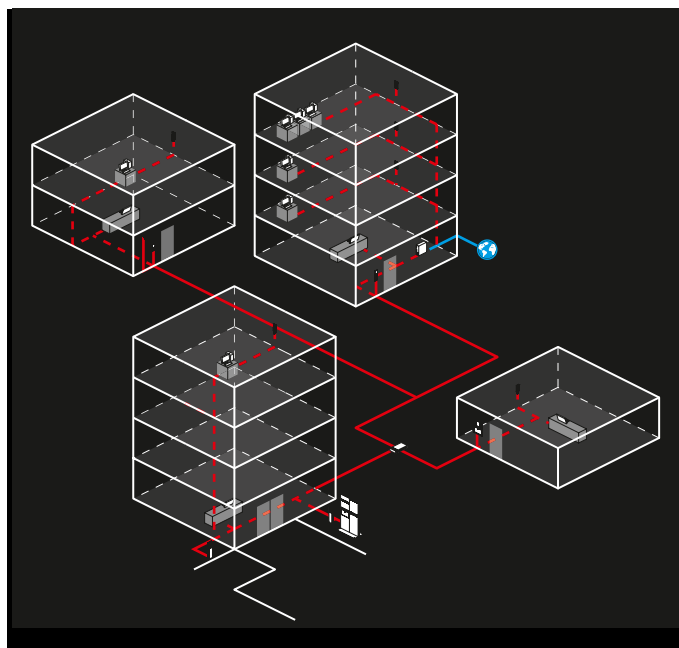
#### **Detached family home**

The convenience which is a key aspect of sophisticated modern living is provided by complex, increasingly networked automation and media control systems. IP-based networking is the common platform for all these applications. In today's digital world, building communication with Siedle Access fits in seamlessly from the planning stage through installation to operation. The many technical benefits are underpinned by the excellent quality of the materials, workmanship and prize-winning design which defines Siedle products. For discerning private property owners, good design and a sophisticated impression often play a decisive role.



### Multiple occupancy buildings

The system benefits of Siedle Access are brought fully to bear in large and complex properties. Whether in terms of the maximum conductor length, the number of doors, the users or the speech channels – Access is almost unlimited from every aspect. The opposite applies to the wiring. Where in the past thick bunched cable cores had to be laid, today a simple network cable is sufficient. There is complete flexibility about which terminal devices are connected up to the network cable. Whether classical or virtual video call stations, concierge software or non-Siedle devices: Everything is possible, everything can be changed – also at a later date. This makes planning with Access simple, speedy and therefore affordable: Wherever the IP infrastructure is available, Access is able to respond flexibly to users' needs.



### More than one location

For use in several geographically separated locations, Siedle Access offers the ideal solution. In the same way that a local area network or LAN operates internally within a building, an overarching wide-area network, WAN, can provide the basis for the system. Whether you require central surveillance and management using the concierge software, remote communication or joint administration: Siedle Access links locations across almost any required distances. The central server simplifies overall system management and enhances system efficiency by central data storage.

## **System benefits**

### **Security**

- Reliable door concept: No access to the internal network in accessible entrance area
- Secured data transmission
- Authentication mechanisms and access protection to configurations
- Device and conductor surveillance: Status and error signals and status reports can be accessed via the administrator interface.
- Use of high-performance, reliable and failsafe hardware

### **Simple planning**

- Minimal Siedle-specific knowledge is required, planning takes place on the basis of known network standards
- Device, group and call list assignments can be adjusted at any time
- PoE supply to terminals eliminates the need for additional power supply planning

### **Efficient data transmission**

- More than 1.000 users
- No relevant range restriction
- The number of simultaneous connections is only limited by the network bandwidth
- Efficient video transmission (H.264 standard for video encoding)
- Natural speech quality for audio transmission (G.711 audio coding)
- A bandwidth of only 1 Mbit/s is required per connection
- Parallel switching and group formation without supplementary components

### **Server-based system**

- Extensive central configuration with storage facility and client capability also via web browser (no SW installation required)
- Direct access to all devices via the central server
- Efficient communication functions (e.g. group formation) can be implemented
- Optimum location networking
- Efficient service functionality through central software updates, troubleshooting and backup facility
- Central monitoring
- Links centrally available to external systems
- Landline telephony also for in-house telephones



**Call station flexibility**

- Large number of different call stations for all fields of application
- Door stations from the Vario, Classic or Steel design lines with their wide functional, mounting and design scope
- Calls placed using call button module, display call module or dialling keypad (code lock)
- Audio or video Siedle indoor call stations, with receiver or handsfree, on the wall or in a table-top version, in a wide selection of design variants through to special paintwork finishes or for branding with applied logos
- Virtual in-house video telephone in the form of PC software
- Concierge software
- Siedle App for iPhone and iPad

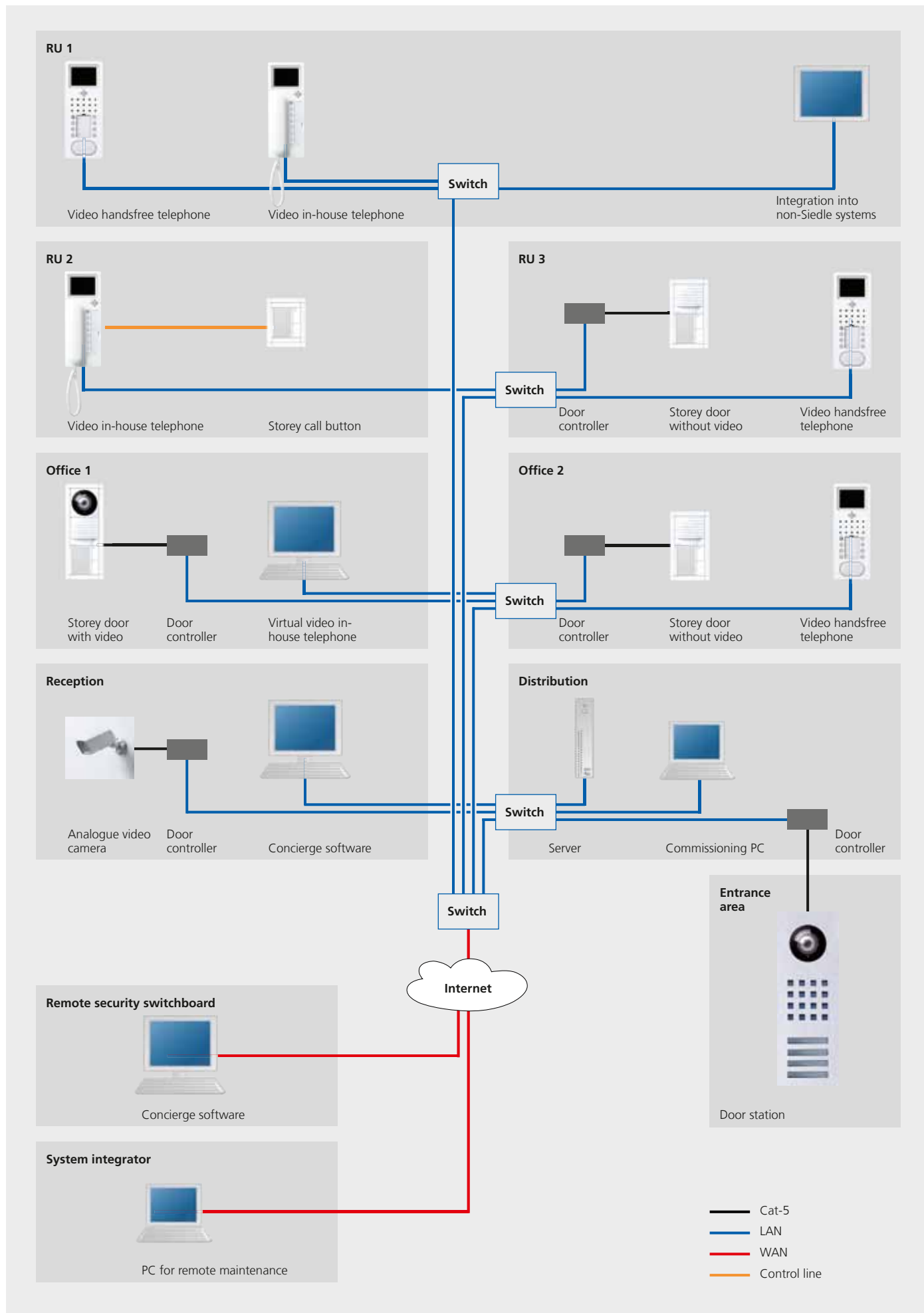
**Integration capability**

- Integration of VoIP telephones with and without video
- Integration of analogue surveillance cameras
- Connection to telephone systems (analogue, SIP, S0) – without supplementary components
- Linkup with KNX automation systems
- Integration of IP control devices

**Extension and upgrade capability**

- The system can be upgraded at any point of the network at any time
- Function upgrades by means of updates or licences
- All devices can be updated via the central server
- Updates are made available as a complete package (not individually for each device type)

## System house



**Overview of functions****Communication**

- Internal calls, internal speech connections
- Audio privacy/video privacy device
- Door calls and door speech connections with video
- Direct door calls with video
- Storey call
- Echo compensation
- Active background noise suppression
- Last number redial
- Call list with history (sorting possible according to categories)
- Sending and receiving text messages
- Voice mail (concierge and SW telephone)

**Video**

- Central video memory
- Automatic capture of camera images following a door call
- Selective capture of camera images
- Selective display and deletion of images
- Camera dialling via contact list or in video area
- Scan mode

**Telephony functions**

- Link-up of a TC system to the Access server
- Dialling public network numbers from the contact list or by direct dial (only with software call stations)
- Calls to the public telephone network via code lock module
- Call on hold, call brokering
- Music on hold
- Call rerouting (manual, if absent or engaged)
- Call forwarding attended, unattended (software call stations)
- Display of user status

**Automation****(switching/control)**

- Doormatic function (destination, door or connection oriented) with status display
- Support for binary KNX functions

**Commissioning**

- PC-supported commissioning
- Central management and configuration of users and devices
- Group management
- Several administrators with different user rights
- Remote configuration via the server's web interface

**Servicing**

- Configuration backup
- Remote maintenance and updates
- Monitoring and logging of system capacity utilization
- Manual line / user monitoring
- Management of software statuses in the server
- Detailed logging for Siedle support and developers

**Interfaces**

- Link to IP telephone systems conforming to the standard
- Integration of a/b converters
- Linkup of external analogue cameras
- KNX
- Simple macro programming for automation of functions
- Access control via Vario bus

**Please note:**

Siedle Access is continuously maintained and updated. Current information is available at [www.siedle.com/access](http://www.siedle.com/access).

## Door loudspeaker, call button and call modules



### ATLM 670-0

Access door loudspeaker module in 611 Vario design.  
Complete module with loudspeaker, microphone and light button with LED illuminated light symbol.  
Up to max. 48 call button modules can be connected in any optional combination, allowing up to max. 192 users.  
Acoustic feedback when actuating the call button at the BTM 650-01 to -04 optional.  
Ambient temperature: -25° C to +55°C  
Protection system: IP 54  
Height of structure (mm): 9  
Dimensions (mm) W x H x D:  
99 x 99 x 35



### ATLE 670-0

Access custom-fit door loudspeaker with bus call button matrix for mounting in a loudspeaker compartment, door constructions, letterboxes etc. 12 of the client's own call buttons can be directly connected at the bus call button matrix BRMA 050-...  
Control output for external camera, connection of existing buttons via BRMA 050-...  
Protection system: Dependent on the mounting conditions  
Dimensions (mm) W x H x D:  
124 x 60 x 31  
Dimensions housing (mm) W x H x D:  
100 x 60 x 31



### BRMA 050-01

Bus call button matrix for the connection of existing call buttons to the custom-fit door loudspeaker BTLE 050-.../  
ATLE 670-...  
Max. 14 BRMA 050-... can be connected to 1 BTLE 050-...  
Max. 16 BRMA 050-... can be connected to 1 ATLE 670-...  
Dimensions (mm) W x H x D:  
53 x 100 x 17



### ATLC/NG 670-0

Access door loudspeaker controller with line rectifier in switch panel housing as an interface for the connection and power supply of door components to the Access network.  
Switch contact for door release and freely programmable switching input.  
Operating voltage: 100-240 V AC  
+/-10%, 50/60 Hz  
Operating current: 1 A-0,5 A  
Output voltage: ANG 600-..., 48 V DC  
ATLC 670-..., 10-16 V AC/DC  
Output current: ANG 600-..., 800 mA  
ATLC 670-..., AC/DC max. 700/300 mA  
Fusing: Primary, T 2 A, secondary short circuit proof  
Contact type: ANG 600-... changeover switch max. 250 V AC, 6 A,  
ATLC 670-..., n.o. contact 30 V, 2 A  
Protection system: IP 30  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 2 x 6  
Dimensions (mm) W x H x D:  
2 x 107 x 89 x 60



Examples of door stations from the Steel family are featured on page 176.  
Please get in touch with us to discuss the many varied possibilities available.



Examples of door stations from the Classic family are featured on page 159.  
Please get in touch with us to discuss the many varied possibilities available.

**BTM 650-01**

Bus call button module with nameplate pocket and 1 separate call button with bell symbol.

Nameplate size (mm) W x H: 65 x 94

Call button (mm) W x H: 24 x 49

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27

**BTM 650-02**

Bus call button module with 2 nameplate pockets and 2 separate call buttons with bell symbol.

Nameplate size (mm) W x H: 65 x 44.5

Call button (mm) W x H: 24 x 49

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27

**BTM 650-03**

Bus call button module with 3 nameplate pockets and 3 separate call buttons with bell symbol.

Nameplate size (mm) W x H: 65 x 28

Call button (mm) W x H: 24 x 32

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27

**BTM 650-04**

Bus call button module with 4 nameplate pockets and 4 separate call buttons with bell symbol.

Nameplate size (mm) W x H: 65 x 19.5

Call button (mm) W x H: 24 x 24

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27

**DRM 611-01**

Display call module as an input device with 4-line display for placing door calls. Indication of names in the display in alphabetical order.

The DRM 611-... can also be used in combination with the COM 611-... in order to display the input via the COM 611-...

Operating voltage: 12 V AC

Operating current: max. 200 mA

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27

**COM 611-02**

Code lock module as an input device for the placement of door calls and control functions in conjunction with Access and the Siedle access control system.

- With keypad for making calls or
- For controlling in conjunction with the Easikey controller EC 602...

- C button for cancelling incorrect inputs

- DR button for direct door release via the EC 602-...

Operating voltage: 12 V AC

Operating current: max. 100 mA

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 27

## Cameras and accessories



### ACM 670-0

Access camera module for mounting in Siedle Vario 611-housing.

Performance features:

- Integrated heating with 2-stage temperature control
  - Infrared lighting and control electronics
  - Colour system PAL
  - Image pick-up CCD sensor 8.4 mm (1/3") 752 x 582 pixel (horizontal/vertical)
  - Lens attachment 2.9 mm
  - Automatic day/night switchover at approx. 4 lux (from colour to monochrome) for optimized quality
  - Pick-up angle vertical 60°, horizontal 80°
  - Additional mechanical adjustment range 30° horizontal and vertical
  - Horizontal resolution 450 lines
- Protection system: IP 54, IK 10  
Ambient temperature: -20°C to +40°C  
Height of structure (mm): 32  
Dimensions (mm) W x H x D: 99 x 99 x 58

### ACM 670-1 USA

Access camera module for mounting in Siedle Vario 611-housing.

- Colour system NTSC
- Resolution horizontal 768 lines, vertical 494 pixel
- For further technical details, see above



### CEC 612-0

Day/night CCD video camera for external mounting, in weather-proof housing and wall arm with ball head, internal cable routing.

- Image pick-up colour CCD sensor 8.4 mm (1/3"); 752 (H) x 582 (V) 440,000 pixel
  - Zoom-lens attachment 3.8–9.5 mm, F 1,2, with IR filter, automatic swivel action
  - Pick-up angle 74°–30°
  - Light sensitivity 0.5 Lux in colour mode and 0.24 Lux in monochrome mode, each at F 1.2
  - Backlight compensation
  - Automatic white balance
  - Resolution horizontal 480 TV lines
  - Video signal 1 Vpp, FBAS, at 75 Ohm
- Operating voltage: 10.5–30 V DC  
Operating current: max. 250 mA  
Protection system: IP 65  
Ambient temperature: -20°C to +40°C  
Dimensions (mm) W x H x D: 62 x 96.5 x 187.5



### KA/WG 950-0 C

Day/night CCD video camera for external mounting, with weather-proof housing and sun shade, wall arm with ball head and internal wiring.

- Image pick-up colour CCD sensor 6.3 mm (1/4"); 752 (H) x 582 (V) 400,000 pixel
  - Lens attachment 3.9–85.9 mm without IR filter
  - Pick-up angle 50°–2.5°
  - Light sensitivity 0.8 Lux at F 1,2
  - Resolution horizontal 480 TV lines
  - Video signal 1 Vpp at 75 Ohm
  - Connecting cable in wall arm
- Operating voltage: 20–30 V DC  
Operating current: max. 250 mA  
Protection system: IP 65  
Ambient temperature: -20°C to +40°C  
Dimensions (mm) dia. x H: 113 x 420.5



### ZNF 950-0

Line rectifier foot accessory for the camera KA/WG 950-..., for supplying from the 230 V network.

The cameras are connected by plug-in connections.

Operating voltage: 230 V +6%–10%, 50 Hz

Operating current: max. 160 mA

Protection system: IP 65

Dimensions (mm) dia. x H: 90 x 65

**AIVS 670-0**

Access analog video standard interface in surface-mount housing for connection of an analog camera to the ATLC 670-...

Following a door call, the picture from the analog camera automatically appears on the Access indoor call station. Manual selection of the door is also possible. The camera cannot be controlled.

Protection system: IP 65

Ambient temperature: -20° to +55°C

Dimensions (mm) W x H x D:

122 x 122 x 56

Dimensions housing (mm) W x H x D:

93 x 93 x 56

## Indoor devices and accessories

### Audio



#### AHT 870-0

Access in-house telephone with door release button and 7 additional buttons with 2-colour status LED. All buttons are freely programmable. The display shows the graphic menu interface, but not a camera image. It is possible to upgrade to a fully functional video station.

With the functions calling, speech, door release, light, remote switching and call silencing.

With the additional purchase of licence ALUV 270-..., the AHT 870-... can be converted into a fully functional indoor video device.

Performance features:

- Display 8.8 cm
- Entrance for storey calls
- Exit freely programmable
- Call differentiation between door calls, storey calls, indoor calls and concierge calls
- Switching functions
- Status indications
- Can be used with table-top accessory AZTV 870-... as a table-top device

Operating voltage:

PoE in accordance with 802.3af

Ambient temperature: 0° C to +40° C

Dimensions (mm) W x H x D:

106 x 278 x 51



#### AHF 870-0

Access handsfree telephone with speech / control button, door release button and 7 additional buttons with 2-colour status LED. All buttons are freely programmable. The display shows the graphic menu interface, but not a camera image. It is possible to upgrade to a fully functional video station.

With the functions calling, speech, door release, light, remote switching and call silencing.

With the additional purchase of licence ALUV 270-... the AHF 870-... can be converted into a fully functional indoor video device.

Performance features:

- Display 8.8 cm
- Entrance for storey calls
- Exit freely programmable
- Call differentiation between door calls, storey calls, indoor calls and concierge calls
- Switching functions
- Status indications
- Can be used with table-top accessory AZTV 870-... as a table-top device

Operating voltage:

PoE in accordance with 802.3af

Ambient temperature: 0° C to +40° C

Dimensions (mm) W x H x D:

106 x 278 x 32

### Video



#### AHTV 870-0

Access in-house telephone video with door release button and 7 additional buttons with 2-colour status LED. All buttons are freely programmable. The display shows the camera image and the graphic menu interface.

With the functions calling, speech, door release, light, remote switching and call silencing.

Performance features:

- Display 8.8 cm
- Entrance for storey calls
- Exit freely programmable
- Call differentiation between door calls, storey calls, indoor calls and concierge calls
- Switching functions
- Status indications
- Video memory function over licence ALZV 270-...

• Integrated 5-way control button for operation of the video memory, brightness, colour saturation etc.

• Can be used with table-top accessory AZTV 870-... as a table-top device

Operating voltage: PoE in accordance with 802.3af

Ambient temperature: 0° C to +40° C

Dimensions (mm) W x H x D:

106 x 278 x 51



#### AHFV 870-0

Access handsfree telephone video with speech / control button, door release button and 7 additional buttons with 2-colour status LED. All buttons are freely programmable. The display shows the camera image and the graphic menu interface.

With the functions calling, speech, door release, light, remote switching and call silencing.

Performance features:

- Display 8.8 cm
- Entrance for storey calls
- Exit freely programmable
- Call differentiation between door calls, storey calls, indoor calls and concierge calls
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• Integrated 5-way control button for operation of the video memory, brightness, colour saturation etc.

• Can be used with table-top accessory AZTV 870-... as a table-top device

Operating voltage: PoE in accordance with 802.3af

Ambient temperature: 0° C to +40° C

Dimensions (mm) W x H x D:

106 x 278 x 32



#### AZTV 870-0

Access table-top accessory for indoor call stations for converting from a wall to a table-top device. Slip-proof console.



#### AZA 870-0

Access surface-mount accessory, for professional surface mounting of Access indoor call stations. Comprises a connection adapter and 4 spacers. The raised height is increased by 8 mm. Due to the different lengths needed, the required patch cable does not form part of the scope of supply.

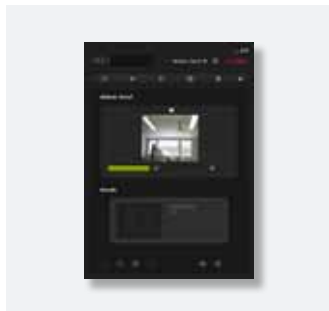


#### AZIO 870-0

Access input/output accessory as circuit board for integration in an indoor unit with an additional output/input.



## Software



### ASHT 170-0

Access in-house telephone software, which graphically depicts a virtual in-house telephone with video on a PC monitor.

- Door calls with video are possible to a Siedle door station.
- Indoor calls possible
- Execution of switching and control functions such as door release, light switching etc.

- Display of signals

Function overview:

- Call differentiation between door calls, storey calls, indoor calls and concierge calls
- Device and user overview
- Users, doors and devices can be selected from lists
- Global / private address books
- Video memory function over licence ALZV 270-...

- Status displays of switchgear
  - Switching functions for external relays
- System requirements:
- Microsoft® Windows XP (from SP3, 32 Bit)
  - Microsoft® Windows Vista Home Premium and Business (from SP1, 32/64 Bit)
  - Microsoft® Windows 7 Home Premium, Professional and Ultimate (32/64 Bit)
  - Intel® Pentium® IV from 2.0 GHz or compatible CPUs
  - min. 2 GB RAM
  - Graphics card with at least 128 MB RAM DirectX 9 support and 16 bit colour depth
  - Ethernet card 100 Mbit
  - Sound card including headset adapter
  - .NET Framework 4.0



### ASC 170-0

Access concierge software, the central interface at the reception desk. Due to the wide selection of possible control functions and statuses, and facility for supporting several calls and video links, this application is ideally suited as a communication switchboard.

Function overview:

- Several audio and video links can be depicted simultaneously
- Convenient forwarding functions
- Music-on-hold
- Status overview of all Doormatic door statuses, e.g. activation enabled day/night switchover
- Convenient switching/control and display functions
- Camera scan function
- Answering machine functions

System requirements:

- Microsoft® Windows XP (from SP3, 32 Bit)
- Microsoft® Windows Vista Home Premium and Business (from SP1, 32/64 Bit)
- Microsoft® Windows 7 Home Premium, Professional and Ultimate (32/64 Bit)
- Intel® Pentium® IV from 2.0 GHz or compatible CPUs
- min. 2 GB RAM
- Graphics card with at least 1280 x 720, 128 MB RAM, DirectX 9 support and 16 bit colour depth
- Ethernet card 100 Mbit
- Sound card including headset adapter
- .NET Framework 4.0

### ASM 170-0

Access software module for integration of Siedle Access in external systems, e.g. touch panels.

You will be kept up to date with the latest information by our Project Sales Department

## Siedle Apps



### Siedle App

The Siedle App functions as a mobile video call station, and at the same time permits switching functions. It is connected to the Access server via WLAN or mobile communication network.

The user interface offers fast, simple access to the building communication system. It can be downloaded from the App Store.

Function overview:

- Audio and video door calls
  - Internal calls with Access system users
  - Manual door dialling
  - Secure door release function
  - Doormatic function on/off
  - Video switchover between landscape and portrait format
  - Handsfree function
  - In-call volume adjustment possible
  - Microphone muting
  - Switching and control functions such as light, garage door or shutters
  - Personal address book (Access)
  - Access, display, copy or delete the video memory from the Access server
  - Manual video memory function on the Access Server
  - Delivery of images by e-mail
  - Different ringtones
  - Home page with individually collated functions
  - Multiple languages (German, English, French, Italian, Dutch, Danish, Swedish, Spanish, Polish, Russian)
- System conditions:
- Siedle Access intercom system
  - WLAN or mobile communication network
  - From iPhone 4
  - From iPad 2
  - From iOS version 5

## Licences

All licences can be purchased via your Access Certified Partner or the Siedle Access Service Center.

### ALFA 270-0

Access licence for non-Siedle audio device for connection of a VoIP audio telephone to the Access system. Using a VoIP-ATA adapter, it is also possible to connect an analog telephone.

### ALFV 270-0

Access licence for non-Siedle video device for connection of a VoIP video telephone to the Access system.

### ALFIO 270-0

Access licence for non-Siedle IP control unit for managing the inputs and outputs of an external control unit in the system.

A separate licence is required in the system per control unit.

### ALFC 270-0

Access licence for non-Siedle IP camera for connection of a network camera to the Access system.

### ALFS 270-0

The external smartphone Access licence permits connection to the Access server. A separate licence is required per device. The smartphone functions as a mobile indoor device with video. An additional App is required for operation. This must be purchased from the App Store.

### ALFT 270-0

The external tablet Access licence permits connection to the Access server. A separate licence is required per device. The tablet functions as a mobile indoor device with video. An additional App is required for operation. This must be purchased from the App Store.

### ALUV 270-0

Access video upgrade licence subsequently enables the video function in an audio device. This licence encompasses the upgrade for a device.

### ALZA 270-0

Access additional admin licence to create additional administrators with different authorization levels. The number is only limited by the server.

### ALT 270-0

Access telephony connection licence for utilization of an external connection channel.

A separate licence is required per channel.

The use of non-Siedle devices is subject to Siedle approval.

### ALKNX 270-0 <50

Access KNX connection licence for importing and managing KNX addresses. A maximum of 50 data points can be assigned. KNX telegrams can be sent and received.

### ALKNX 270-0 <300

Access KNX connection licence for importing and managing KNX addresses. A maximum of 300 data points can be assigned. KNX telegrams can be sent and received.

### ALKNX 270-0 >300

Access KNX connection licence for importing and managing KNX addresses. Any optional number of data points can be assigned. KNX telegrams can be sent and received.

### ALSP 270-0 S

The Access licence starter pack includes the licences ALN/ALZV/ALZA/ALT. This collection allows wide-ranging additional functionality for your Access system. The starter pack can only be used on an Access Server S.

The following licences have to be ordered to match the server.

Example:

Only one S licence can be entered for one AS 670-0 S server.

### ALN 270-0 S

### ALN 270-0 M

### ALN 270-0 L

Access message function licence for receiving texts and listening to stored messages.

At the device, it is possible to record, save and play back messages. The integrated answering machine accepts external calls and records them.

The size of the installed server determines the licence.

### ALZV 270-0 S

### ALZV 270-0 M

### ALZV 270-0 L

Access additional video functionality licence is an extension to include further-reaching video functions such as the video memory function at all indoor call stations.

The size of the installed server determines the licence.



## Supply units



### VNG 602-02

Video line rectifier in a switch panel housing for central supply of video door intercom systems.

Operating voltage: 230 V AC +/-10%, 50/60 Hz

Output voltage: 30 V DC

Output current: 1.1 A

Fusing: Si 1 T 200 mA, secondary side thermal fuse

Protection system: IP 20

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 10

Dimensions (mm) W x H x D:

180 x 89 x 60



### TR 603-0

Transformer in switch panel housing, to supply supplementary components.

Operating voltage: 230 V AC +/-10%, 50/60 Hz

Output voltage: 12 V AC

Output current: max. 1.3 A

Fusing: Secondary side with thermal fuse

Protection system: IP 30

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

53.5 x 89 x 60



### TR 602-01

Transformer in switch panel housing, to supply supplementary components.

Operating voltage: 230 V AC +/-10%, 50/60 Hz

Output voltage: 12 V AC

Output current: max. 2.5 A

Fusing: Secondary side with thermal fuse

Protection system: IP 20

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 6

Dimensions (mm) W x H x D:

107 x 89 x 60

## Server



### AS 670-0 S

Access Server in metal housing, suitable for top hat rail mounting, as a central unit for management of the entire Access system; Expansion possible up to 50 users.

More than 10 connections may exist at any one time in the system.

Commissioning takes place in the complete system.

Operating voltage: 90-264 V AC, 47-63 Hz

Typical current consumption: max. 45 W

Horizontal pitch (HP): 3 x 12

Ambient temperature: 10°C to +50°C

Dimensions (mm) W x H x D:

328 x 88.8 x 201



### AS 670-0 M

Access server in 19" housing as a central unit for managing the entire Access system. Expansion possible up to 500 users.

More than 10 connections may exist at any one time in the system.

Commissioning takes place in the complete system.

Operating voltage: 90-264 V AC, 47-63 Hz

Typical current consumption: max. 78 W

Ambient temperature: 10°C to +50°C

Dimensions (mm) W x H x D:

483 x 88 x 460



### AS 670-0 L

Access server in 19" housing as a central unit for managing the entire Access system. Expansion possible from 500 to over 1000 users.

More than 10 connections may exist at any one time in the system.

Commissioning takes place in the complete system.

Dimensions (mm) W x H x D:

483 x 88 x 460





## Elevator systems

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## Central intercom stations and accessories

Emergency call duplex intercom systems permit emergency calls and speech between elevators and a central pick-up station with call storage and selective optical call display.

For servicing purposes, communication is possible between the elevator and engine room. If required, door loudspeakers TLM 611-... with door releases can be integrated or systems with door loudspeakers and door releases can be realized.



### ZS 932-3 S

Central intercom station for communication with elevators. For wall mounting. Housing made of ABS plastic. Receiver with electret microphone, receiver capsule and spiral cord. With 3 display lamps and 3 line buttons, electronic buzzer. Mounting in a row for a further 5 elevators possible with one MFM 932-5 each. Dimensions (mm) W x H x D: 90 x 230 x 67



### ZS 932-0 S

Central intercom station in conjunction with multifunction module MFM 932-5 for 5 up to 20 elevator cars or as an engine room call station. Upgrading possible with max. 6 control or display elements. Housing made of ABS plastic. Receiver with electret microphone, receiver capsule and spiral cord with electronic buzzer. Dimensions (mm) W x H x D: 90 x 230 x 67



### MFM 932-5 S

Multifunction module for mounting in a row on ZS 932-0 or ZS 932-3 with 5 display lamps and 5 line buttons. Operating voltage: 8 - 14 V AC/DC. Operating current: max. 45 mA. Contact type: 5 n.o. contacts, 24 V, 0.5 A. Dimensions (mm) W x H x D: 62 x 230 x 35



### ZZS 932-0

Accessory central call station, electronic card for coordination and management of line buttons one under the other. Required where system telephone ZS 932-0 is used as a central call station. The card is mounted in system telephone ZS 932-0.



### ZSCH 611-0

Switch accessory with one contact for mounting in the central intercom station ZS 932-0. Contact type: Changeover switches 24 V, 250 A



### ZTA 611-0

Accessory button for mounting in central intercom unit ZS 932-0. Contact type: N.o. contact 24 V, 250 A



### ZLA 932-0

Accessory LED for mounting in central intercom unit ZS 932-0. Operating voltage: 12 V DC. Operating current: 30 mA



**ZT 932-01/24 S**

Table-top accessory for central intercom unit ZS 932-0, ZS 932-3 and 1 x MFM 932-5, for conversion from a wall to a table-top unit. Slip-proof console with 2 rubber feet.

Connecting cable: 24-core 2 m long

**ZMF 932-01/24 S**

Table-top accessories for MFM 932-5 for conversion from wall mounting to table-top unit mounting. Slip-proof console with 2 rubber feet, 24-core connecting cable for 2 MFM 932-5 units.

Connecting cable: 24-core 2 m long

**ZMF 611-10 S**

Table-top accessories for multifunction module MFM 932-5 for conversion from wall mounting to table-top unit. Slip-proof console with 2 rubber feet, without connecting cable.

**GE 611-0**

Housing end pieces or end pieces for possible mounting in a row, made of plastic for flush-mounting. For mounting a ZUR 611-... with moulded-on plaster guard. The two end pieces must be assembled with a housing.

Dimensions (mm) W x H x D:  
123 x 270 x 58

**GZ 611-1**

Housing spacer in plastic, for flush-mounting. As an extension of the GE 611-... or further GZ 611-... to accommodate ZUR 611/932-... with moulded-on plaster guard.

Dimensions (mm) W x H x D:  
63 x 270 x 58

**GZ 611-2**

Housing spacer in plastic, for flush-mounting. As an extension of the GE 611-... or further GZ 611-... to accommodate ZUR 611/932-... with moulded-on plaster guard.

Dimensions (mm) W x H x D:  
115 x 270 x 58

**GZ 611-3**

Housing spacer in plastic, for flush-mounting. As an extension of the GE 611-... or further GZ 611-... to accommodate ZUR 611/932-... with moulded-on plaster guard.

Dimensions (mm) W x H x D:  
25.4 x 270 x 58

**ZUR 611-01**

Flush-mounted frame to accommodate the ZS 932-0, ZS 932-3, including cover strips.

Cut-out (mm) W x H: 98 x 254  
Dimensions (mm) W x H x D:  
127 x 268 x 46

**ZUR 932-1**

Flush-mounted frame to accommodate the ZS 932-0, ZS 932-3 S with 1 MFM 932-5 including cover strips.

Cut-out (mm) W x H: 163 x 254  
Dimensions (mm) W x H x D:  
189 x 268 x 46

**ZUR 932-2**

Flush-mounted frame to accommodate the ZS 932-0, ZS 932-3 S with 2 MFM 932-5 including cover strips.

Cut-out (mm) W x H: 225 x 254  
Dimensions (mm) W x H x D:  
251 x 268 x 46

**ZUR 932-3**

Flush-mounted frame to accommodate the ZS 932-0, ZS 932-3 S with 3 MFM 932-5 including cover strips.

Cut-out (mm) W x H: 287 x 254  
Dimensions (mm) W x H x D:  
313 x 268 x 46

**ZUR 932-4**

Flush-mounted frame to accommodate the ZS 932-0, ZS 932-3 S with 4 MFM 932-5 including cover strips.

Cut-out (mm) W x H: 349 x 254  
Dimensions (mm) W x H x D:  
375 x 268 x 46

**ZHB 611-0**

Hollow wall mounting accessory for fastening flush-mounted frame accessory ZUR into hollow walls or panels.

## Engine room call stations



### ZS 932-0 S

Engine room call station as a system telephone for wall mounting.  
Dimensions (mm) W x H x D:  
90 x 230 x 67



### MT 932-0 S

Engine room call station, handset with spiral cord, 1.8 m long (extended length), with Telecom plug, N-coded without connecting junction box.



### MH 932-0 S

Handset carrier for wall mounting for use with MT 932-...  
Dimensions (mm) W x H x D:  
90 x 230 x 35

## Elevator car call stations



### TLE 051-01

Custom-fit door loudspeaker for non-Siedle telecommunication systems with PVG 402-..., or for elevator systems as elevator car call stations. Integration in customer-supplied intercom compartment, door construction, letterbox system etc. possible.

Easy to mount through universal fixing facility, when using louvre ZJ 051-... can be screwed on directly. Volume controller for microphone and loudspeaker. Protection system: Dependent on the mounting conditions

Dimensions (mm) W x H x D:

124 x 60 x 25

Dimensions housing (mm) W x H x D:

100 x 60 x 25



### ZJ 051-0

Accessory louvre made of high-quality polycarbonate plastic for use as a speech grille and as protection for the TLE 061-..., BTLE 050-... and BTLE 051-... custom-fit door loudspeaker. Louvre fitted with screw mountings from the rear.

Dimensions (mm) W x H x D:

75 x 60 x 11



### ZTL 051-0

Universal mounting adapter for the TLE 061-..., BTLE 050-... and TLE 051-..., to fit the mounts for the previous TL 001 and TL 011 custom-fit door loudspeakers and for the M5 speaker and microphone system. With accessory lamp.



### TLM 611-02

Door loudspeaker module for 6+n technology or as elevator car call station. With front louvre made of weather and UV-resistant polycarbonate with illuminated, potential-free low voltage light button with light symbol, tropicalized loudspeaker, long-life electret microphone. Loudspeaker controller for loudspeakers.

Protection system: IP 54

Ambient temperature: -20°C to +55°C

Dimensions (mm) W x H x D:

99 x 99 x 35

## Switchboards and supply units



### SZ 911 A-2

Control unit for wall mounting, plastic housing. Relay circuit for 2 elevators for emergency call storage and activation of call connection.

Floating light current contact for external control. Does not comply with the standard DIN EN 81-28:2003 Lifts for the transport of persons and goods.

Operating voltage: 12 V DC

Contact type: n.o. contact 12 V, 1 A

Dimensions (mm) W x H x D:

236 x 170 x 97



### SZ 911 A-4

Control unit for wall mounting, plastic housing. Relay circuit for 4 elevators for emergency call storage and activation of call connection.

Floating light current contact for external control. Does not comply with the standard DIN EN 81-28:2003 Lifts for the transport of persons and goods.

Operating voltage: 12 V DC

Contact type: n.o. contact 12 V, 1 A

Dimensions (mm) W x H x D:

236 x 170 x 97



### NG 404-0

Line rectifier, in metal housing.

Operating voltage: 230 V AC, 50/60 Hz

Output voltage: 12 V DC

Output current: 3 A DC

Installation type: Surface-mounting

Protection system: IP 20

Ambient temperature: 0°C to +40°C

Dimensions (mm) W x H x D:

152 x 202 x 122



### NB 915-0

Mains storage battery set with automatic battery charge device in metal housing (excluding batteries).

VDE 0805/EN 60950/IEC 950 approved.

Prepared for mounting 2 batteries

(2 pcs. Panasonic LCR 6V 10 PA, 6 V

10 Ah).



### TR 603-0

Transformer in switch panel housing, to supply supplementary components.

Operating voltage: 230 V AC +/-10%, 50/60 Hz

Output voltage: 12 V AC

Output current: max. 1.3 A

Fusing: Secondary side with thermal fuse

Protection system: IP 30

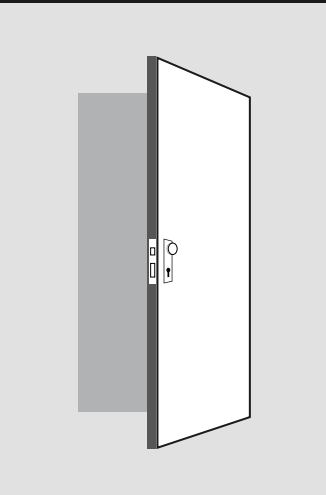
Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 3

Dimensions (mm) W x H x D:

53.5 x 89 x 60

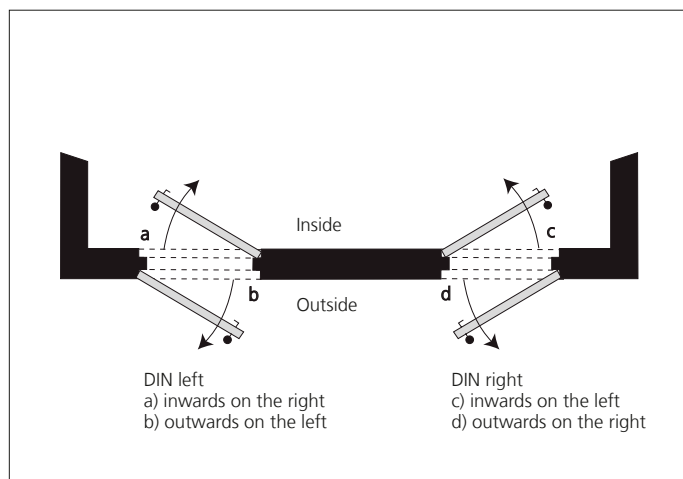




**Door release**

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Door release right opening according to DIN	305

## General function explanations



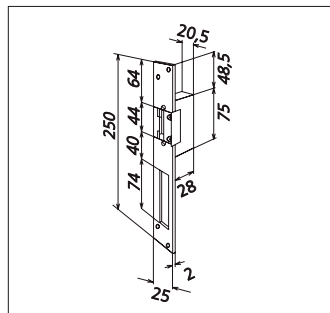
### Mechanical unlocking

(e.g. TÖ 618-0 E) The unlocking lever in the corner of the latch bolt recess switches off the door release function. The door release latch bolt is movable, the door can be opened as many times as required. Free passage through the door.

### Detent

(e.g. TÖ 619-0 A) The door latch controlled detent pin in the centre of the door release latch holds the door release unlocked also contacting until the door is opened. The door can be passed through once.

## Door release for left or right opening according to DIN



### TÖ 615-0

Recessed door release with flat striker plate, grey hammertone finish, for right or left opening doors according to DIN. Suitable for heavy front and internal doors, striker plate pre-drilled, release structured symmetrically. Catch bolt and cylinder adjustment possible after mounting. The release bolt can be adjusted in oval screw holes up to 4 mm on the horizontal.  
Operating voltage: 12 V AC  
Operating current: max. 400 mA  
Coil resistance: appr. 20 Ohm

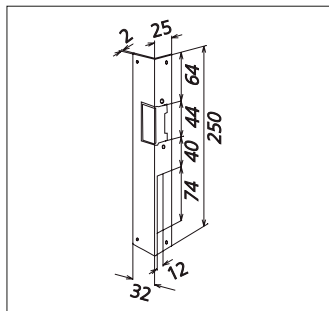
### TÖ 618-0 E

Recessed door release with flat striker plate, grey hammertone finish, for right or left opening doors according to DIN. Suitable for heavy front and internal doors, striker plate pre-drilled, release structured symmetrically. Mechanical release possible using toggle lever. Catch bolt and cylinder adjustment possible after mounting. The release bolt can be adjusted in oval screw holes up to 4 mm on the horizontal.  
Operating voltage: 12 V AC  
Operating current: max. 400 mA  
Coil resistance: appr. 20 Ohm

### TÖ 619-0 A

Recessed door release with flat striker plate, grey hammertone finish, for right or left opening doors according to DIN with detent. Suitable for heavy front and internal doors, striker plate pre-drilled, release structured symmetrically. Catch bolt and cylinder adjustment possible after mounting. The release bolt can be adjusted in oval screw holes up to 4 mm on the horizontal.  
Operating voltage: 12 V AC  
Operating current: max. 400 mA  
Coil resistance: appr. 20 Ohm

### Door release left opening according to DIN



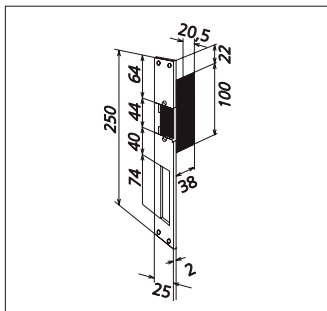
#### TÖ 614-0 L

Door release with angular striker plate, in gold hammertone finish, left opening doors according to DIN, particularly suitable for rebated doors. Catch bolt and cylinder adjustment possible after mounting. The release bolt can be adjusted in oval screw holes up to 4 mm on the horizontal. Case depth 28 mm, case height 21 mm, sheet metal thickness 2 mm.

Operating voltage: 12 V AC

Operating current: max. 400 mA

Coil resistance: appr. 20 Ohm



#### TÖ 616-0 L

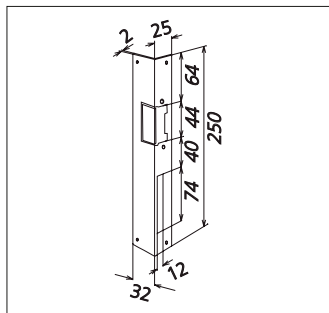
Recessed door release, watertight design, gold hammertone finish, suitable for all left opening doors according to DIN in exposed location. Watertight cable transition with rubber seal, rust-proof latch guides ensure functional reliability in outdoor installations. Striker plate pre-drilled.

Operating voltage: 12 V AC

Operating current: max. 400 mA

Coil resistance: appr. 20 Ohm

### Door release right opening according to DIN



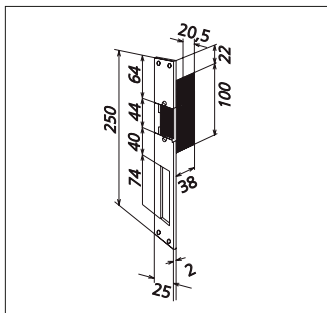
#### TÖ 613-0 R

Door release with angular striker plate, in gold hammertone finish, right opening doors according to DIN, particularly suitable for rebated doors. Catch bolt and cylinder adjustment possible after mounting. The release bolt can be adjusted in oval screw holes up to 4 mm on the horizontal. Case depth 28 mm, case height 21 mm, sheet metal thickness 2 mm.

Operating voltage: 12 V AC

Operating current: max. 400 mA

Coil resistance: appr. 20 Ohm



#### TÖ 616-0 R

Recessed door release, watertight design, gold hammertone finish, suitable for all right opening doors according to DIN in exposed location. Watertight cable transition with rubber seal, rust-proof latch guides ensure functional reliability in outdoor installations. Striker plate pre-drilled.

Operating voltage: 12 V AC

Operating current: max. 400 mA

Coil resistance: appr. 20 Ohm



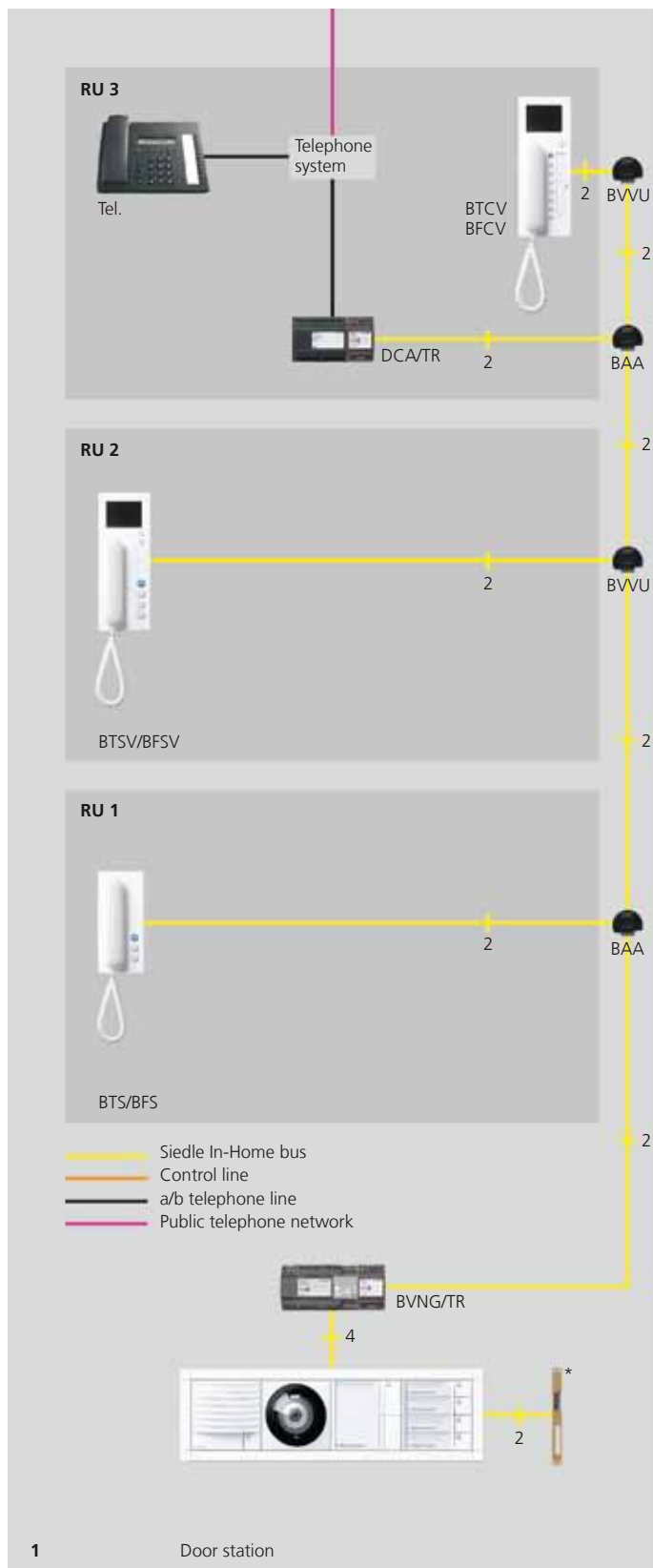




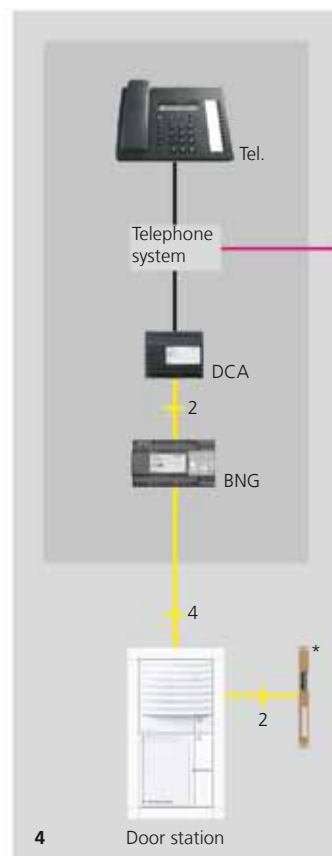
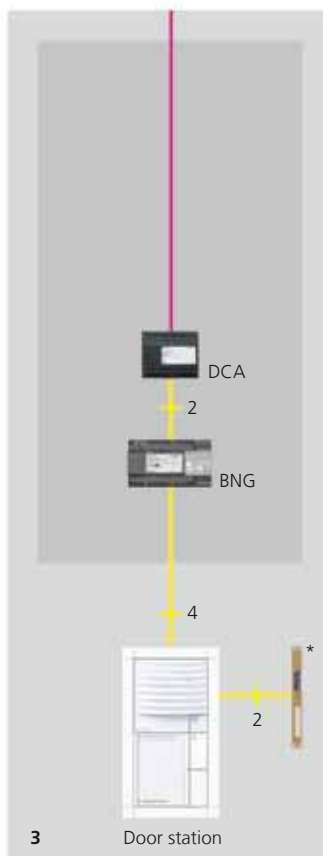
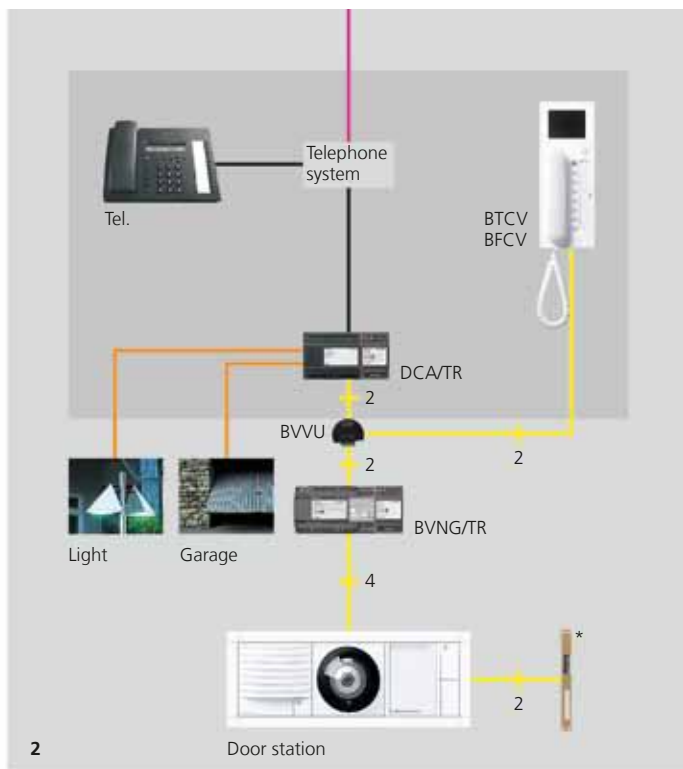
## Interfaces/DoorCom

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## Application/ System house



**2 One-family home with one or more door stations.** These can be linked to an existing telephone system via the DoorCom Analog. The connection must always take place at an a/b terminal. The telephones can then be used to execute up to 6 control functions using code numbers - for instance door release or switching on additional lighting. A combination with video is also possible here at any time.



\*Alternatively: Activation of BNG/BVNG by additional wires

In-Home bus technology can also be implemented using 1+n technology (with the exception of video functionality).

## Performance features/ Components

The DoorCom Analog is a universal a/b interface which connects the Siedle door and in-house telephony with the public network.

The DoorCom Analog is connected directly to the standardized a/b interface of the telephone network or at the relevant output of the telephone system (analogue or ISDN system with an analogue PBX extension). In conjunction with a simple subscriber's line, the DCA can be connected via a standard commercial "mini telephone system" to a public network telephone.

The DoorCom Analog is not a conventional PVG (P.O. amplifier unit) but a fully functional interface, for example with a link for an encoding or display module, i.e. for a Siedle Vario bus etc.

The DoorCom Analog is available for the Siedle In-Home bus and for the 1+n technology.

- DCA 650-... for the Siedle In-Home bus
- DCA 612-... for the 1+n technology



### DCA 650-02

DoorCom-Analog in switch panel housing as an interface for the Siedle In-Home bus links the door station to the public network.

- Between 1 and 31 call destinations
  - Max. 6 control functions can be executed via BSM/BSE 650-... by means of DTMF dialling corresponding to BTC 850...
  - Selective dialling of max. 3 door loudspeakers without supplementary installation
  - Selective dialling of the door to which the last call was placed
  - Two-line alphanumeric display with 16 characters per line
  - 6 buttons: convenient configuration
  - Same functions as a system telephone
  - The following call possibilities can be assigned (each max. 22 digits long)
    - Direct calls
      - Selective user call
      - Group calls (dep. on the telephone system)
      - Collective calls (dep. on the telephone system)
      - Calls to PBX extensions, to public network or mobile phones
    - Chain calls
      - In case of no answer or engaged
    - System functions door release and light using the DTMF dialling method
    - Doormatic function for 1 call input, with/without previous door call signal
    - Call rerouting to e.g. concierge
    - Day/night service to alternative call destinations (depending on customer's existing telephone system)
    - Switching from door intercom to telephone mode
    - Several DCA units possible in one intercom system/one telephone system
    - Adjustable call and connection time
    - Signalling of door calls prior to call acceptance
    - Call differentiation possible for doors or call inputs (max. 2)
    - PIN protection can be activated e.g. for programming, door release, switching functions and function activation
    - Time-controlled activation/deactivation of e.g. Doormatic, call rerouting, day and night service etc. possible via DCSF 600-... accessory and customer's time switches
    - Jack for HT 811-... servicing handset
- Operating voltage: 12 V AC  
Operating current: max. 100 mA  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 6  
Dimensions (mm) W x H x D:  
107 x 89 x 60



### DCA 612-0

DoorCom-Analog in switch panel housing as an interface for the 1+n technology links the door station to the public network.

- 3 door call inputs
  - Max. 6 control functions can be executed via SFC 602-... using DTMF dialling corresponding to HTC 811 -...
  - Selective dialling of max. 3 door loudspeakers when using interface DCSF 600-... and additional wiring
  - Two-line alphanumeric display with 16 characters per line
  - 6 buttons: convenient configuration
  - Same functions as a system telephone
  - The following call possibilities can be assigned (each max. 22 digits long)
    - Direct calls
      - Selective user call
      - Group calls (dep. on the telephone system)
      - Collective calls (dep. on the telephone system)
      - Calls to PBX extensions, to public network or mobile phones
    - Chain calls
      - In case of no answer or engaged
    - System functions door release and light using the DTMF dialling method
    - Doormatic function for 1 call input, with/without previous door call signal
    - Call rerouting to e.g. concierge
    - Day/night service to alternative call destinations (depending on customer's existing telephone system)
    - Switching from door intercom to telephone mode
    - Several DCA units possible in one intercom system/one telephone system
    - Adjustable call and connection time
    - Signalling of door calls prior to call acceptance
    - Call differentiation possible for doors or call inputs (max. 2)
    - PIN protection can be activated e.g. for programming, door release, switching functions and function activation
    - Time-controlled activation/deactivation of e.g. Doormatic, call rerouting, day and night service etc. possible via DCSF 600-... accessory and customer's time switches
    - Jack for HT 811-... servicing handset
- Operating voltage: 12 V AC  
Operating current: max. 100 mA  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 6  
Dimensions (mm) W x H x D:  
107 x 89 x 60



### DCSF 600-0

DoorCom switching and remote control interface, for use in DCA 612-... and DCA 650-...

- 3 potential-free freely programmable outputs e.g. for
    - Decentral door release, light
    - Secondary signal unit/timer-dependent video control (In-Home bus)
    - Buttons or switches
    - Selective door dialling using the 1+n system
    - Monitor interfacing (direct assignment to the call inputs)
  - 3 freely programmable floating inputs e.g. for:
    - Code inputs to:
      - Trip switching functions, door release/light via BSM/BSE/SFC in the Siedle system
      - Video/light interfacing via BMM etc.
    - Activation/deactivation of functions e.g. via the customer's own time switch, such as
      - Chain call, doormatic, concierge, day/night service etc.
    - Dialling of call numbers to signal events with signal tones:
      - Selective user call
      - Group call (depending on customer's telephone system)
      - Collective call (depending on customer's telephone system)
      - Calls to PBX extensions, public network or mobile phones
      - Facility for combining code and call number functions
- Operating current: max. 100 mA

### Please note:

The facility to utilize individual performance features may differ depending on the telephone system used. Please enquire with the manufacturer of your telephone system.

- Direct door call acceptance can be programmed.
- In this case, a chain call function is no longer possible.
- When dialling users, use the DTMF dialling method.
  - The dialled users must have DTMF dialling capability.

## Possibilities



DoorCom IP creates a link to the world of data networks - and so to a dynamic market. Complete networking has long been the norm in office buildings, and networks are also making significant inroads into the private domestic sector. DoorCom IP links Siedle communication technology to two essential standards with wide-spread application in this rapid-growth technological sector: It turns the Ethernet into a transmission channel for door communication and the PC into a call station.

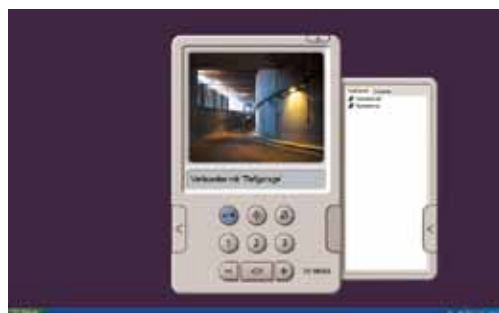
The door station feeds its call, audio and video signals via the DoorCom IP to the Ethernet. Here, they are transmitted to network PCs, received by the Client Software and displayed on the monitor. The computer assumes all the functions of an indoor call station including video transmission, picture control and switching functions. An additional in-house telephone is no longer required - but can be added at any time. Because DoorCom IP is both flexible and scalable.

In a mixed-use building, for instance, a doctor's surgery or lawyer's chambers can fulfil all

its door communication needs using the PC and software, while the residential apartments are still fitted with classic in-house telephones. And DoorCom opens up another form of work division in the home office, too: The video image is displayed at the PC while the public network telephone assumes both speech communication and the door release function. This combination can also completely replace the conventional in-house telephone.

DoorCom IP adjusts door communication to both individual user needs and the existing infrastructure. These benefits make it the ideal basis for individually tailored quotations for complex and sophisticated projects.

## DCIP Software Client



### DoorCom IP Software Client

- Simulation of telephone/monitor function at the PC user interface
- The software offers similar functional diversity to comfort in-house telephone
- Door release/light by mouse click
- 3 freely assignable control functions can be actuated directly at the monitor
- Dialling of the door which placed the last call
- Direct dialling of any optional door
- Call capability of the accessible in-house telephones
- Camera control possible
- Text messages directly at the monitor
- Status overview possible in separate status window
- Switching and control functions possible in a separate function window
- Call signal and speech volume adjustable by software
- Individual call tones can be loaded as \*.WAV files
- Identification of the calling door by plain text display (configurable)
- Call control (acceptance, push-to-talk, disconnection) directly via the monitor by mouse click or finger pressure
- Call silencing with optical display
- When using the optional speech connection via the DCA 740-..., the software can be used as a video monitor.
- Simultaneous connection to several separate Siedle systems

### System requirements for DoorCom IP Software Client

- Windows XP operating system or Windows 2000 (only with DCA 740-...)
- Computer Pentium IV from 1.8 GHz with
- Storage capacity of at least 256 MB RAM,
- Graphic card with at least 1024x768, 16 bit colour depth and the latest driver updates Nvidia Geforce6600, Nvidia Quadro FX1400, ATI RADEON 9800/X600/X800,
- 100 MBit Ethernet card
- Sound card and
- Microsoft DirectX 9.0c.
- Microsoft® Internet Explorer® latest version to read the help



DoorCom turns PC-based building automation control panels or media control units into a call station for door communication. The Client Software from V. 1.2 has been optimized for the use of touch panels.

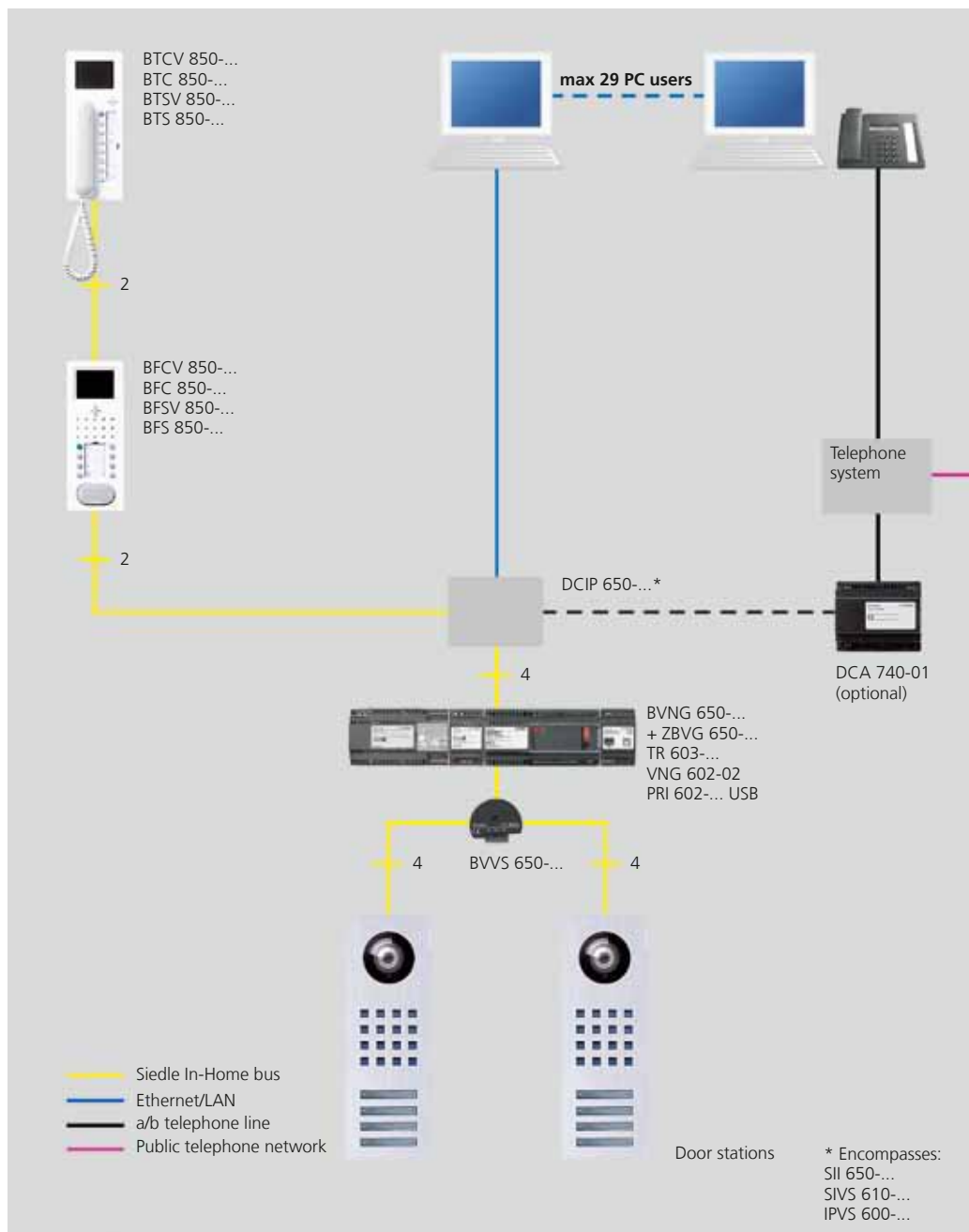
Picture: tci/Siedle

### Extended functionality

- Operation by finger pressure as an alternative to the mouse
- Remove control of the application
- Fixture of the monitor position
- List entries can be viewed in two sizes

Detailed information on the extended functions of the DoorCom IP Software Client is available from Siedle. See page 368

## DCIP 650 In-Home bus connection Application/System house



DoorCom-IP permits connection of the Siedle In-Home bus to PC networks. The PC assumes all the functions of an internal call station, either in parallel or alternatively door calls and speech connections can be routed via the public network telephone or via a conventional in-house telephone.

### Performance features

- Transfer of door calls with/without video via the Ethernet/Intranet to PC users
- Free combination of PC remote stations and Siedle In-Home bus terminals (also handsfree bus telephone)
- Optional: Audio transmission via the telephone network (DCA 740-01) in parallel with the video signal possible over Ethernet, ensuring an audio link in optimum TC quality
- Full duplex connection (i.e. no push-to-talk simplex communication) when using a headset
- Control commands such as door release and light are possible from the PC with a mouse click or finger pressure
- Transmitting/receiving up to 100 system functions / messages
- Video: MPEG-4 (ISO/IEC 14496) Codec, Audio: G.711; (300Hz - 3.4KHz) standard
- Per DCIP 650-... max. 29 different PC users can be selectively called
- Selective connection of door stations (audio and video)
- Selective connection of Siedle In-Home bus terminals (also handsfree bus telephones) internally within one line

- Parallel call to max. 10 PC users possible
- Parallel call to PC users and Siedle In-Home bus terminals possible
- Combination with code lock module COM 611-... or display call module DRM 611-... possible for direct calls to users
- A DCIP SC can be operated simultaneously at several DCIPs



## System components



### DCIP 650-0

The DoorCom IP links the Siedle door station to a TCP/IP network/Intranet. As a functional unit, the DCIP 650-... consists of the devices system interface In-Home bus SII 650-..., system interface video server SIVS 610-... and IP video server IPVS 600-...

Performance features

- The DCIP 650-... behaves in the same way as an In-Home bus system user
- One DCIP 650-... can be connected per line
- 4 software licences included in the scope of supply
- Further licences DCIP SC 600-... possible
- Max. 29 IP users (call destinations) can be called per DCIP 650-... (depending on the system configuration)
- Call possible via call button module, display call module DRM 611-... or codelock module COM 611-...
- Parallel calls possible to max. 10 users
- Door dialling from the PC with a mouse click or finger pressure (audio/video)
- Door release and light actuation from the PC with a mouse click or finger pressure

- Video image from the connected camera at the PC monitor
  - Optionally optimum speech connection via DCA 740-01 and a telephone systems to a public network telephone or to a PC with headset or receiver
  - Speech connection in full duplex mode (open interactive speech)
  - Receipt of up to 100 messages from the In-Home bus system (max. 50 BEM 650-... units)
  - Transmission of up to 100 control functions to the In-Home bus system (max. 100 BSE 650-... units)
  - For commissioning, the PRI 602-... USB and the bus programming software BPS 650 from V 2.5 are required.
- Scope of supply: SII 650-..., SIVS 600-..., IPVS 600-...
- Operating voltage: 24–30 V DC  
Operating current: max. 450 mA  
Installation type: Top hat rail mounting  
Dimensions (mm) W x H x D:  
SII 650-... 107 x 89 x 60,  
SIVS 600-0 144 x 130 x 55,  
IPVS 600-0 112 x 85 x 40

Prices and delivery periods on request



### DCA 740-01

DoorCom Analog DCA 740-01, in switch panel housing, can be connected to a universal a/b interface. In conjunction with the DCIP 600/650/740-... it serves as an alternative speech connection if no speech connection via PC is preferred. Connection takes place at the standardized a/b interface of a telephone system (analog PBX extension) or directly at the analog telephone network.

Operating voltage: 15 V DC  
Protection system: IP 20  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 6  
Dimensions (mm) W x H x D:  
107 x 89 x 60



### VNG 602-02

Video line rectifier in a switch panel housing for central supply of video door intercom systems.

Operating voltage: 230 V AC +/-10%, 50/60 Hz  
Output voltage: 30 V DC  
Output current: 1.1 A  
Fusing: Si 1 T 200 mA, secondary side thermal fuse  
Protection system: IP 20  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 10  
Dimensions (mm) W x H x D:  
180 x 89 x 60



### TR 603-0

Transformer in switch panel housing, to supply supplementary components.

Operating voltage: 230 V AC +/-10%, 50/60 Hz  
Output voltage: 12 V AC  
Output current: max. 1.3 A  
Fusing: Secondary side with thermal fuse  
Protection system: IP 30  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 3  
Dimensions (mm) W x H x D:  
53.5 x 89 x 60



### PRI 602-01 USB

The programming interface PRI 602-... USB in a switch panel housing connects a Windows PC via the USB port to the Siedle In-Home bus. Connection to the line rectifiers BNG 650-... and BVNG 650-... via ZBVG 650-...

The bus programming software BPS 650-... is included in the scope of delivery. Interface to the Siedle In-Home bus via 8-pin Western socket or via screw terminals.

Only one PRI 602-... USB can be connected to a PC.

System requirements: Windows PC, Win 2000, Win XP/Vista (32 Bit)  
Operating voltage: 10–15 V AC or 10–30 V DC  
Protection system: IP 20  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 3  
Dimensions (mm) W x H x D:  
53.5 x 89 x 60



### DCIP SC 600-0

DoorCom IP Software Client PC programm describing a virtual in-house telephone with video on a PC monitor. Door calls with video are possible to one or more Siedle door stations. Implementing switching and control functions e.g. door release, light switching or indication of messages on the PC monitor.

A licence of the DCIP SC 600-... is required for every installation of the Software Client on a PC.

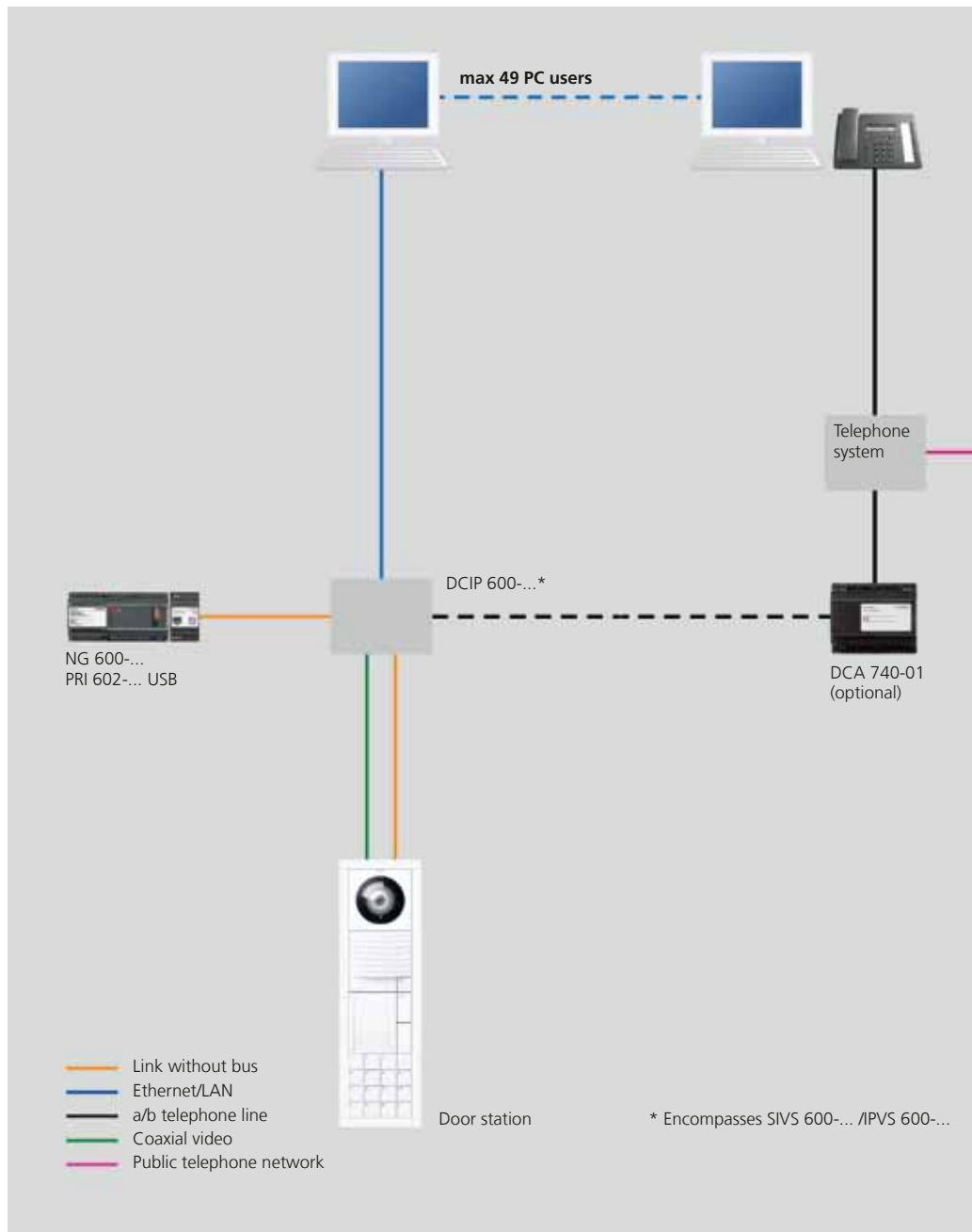
System conditions:

- Operating system Microsoft® Windows XP Professional (from SP2, 32 Bit), Microsoft® Windows Vista Home Premium and Business (from SP1, 32 Bit)
- Intel® Pentium® IV from 2.0 GHz or compatible CPUs
- min. 1 GB RAM
- Graphics card with at least 1024 x 768, 128 MB and 16 bit colour depth DirectX 9.0 support
- Ethernet card 100 Mbit
- Sound card including headset adapter
- Microsoft® DirectX® 9.0c
- Microsoft® Internet Explorer® latest version to read the help

### Please note:

For operating systems which are not listed, a prior compatibility test must be carried out.

## DCIP 600 system-free link Application/System house



In a system-free link, door communication no longer requires its own in-house call station. It eliminates the need for a separate installation system and the wiring that goes with it. Instead, the door station is connected to the Ethernet via DoorCom IP. Everything else is taken care of by the network and up to 49 connected PCs. The system can optionally be combined with another communication technology system already in place at each workstation: The public network telephone. In this case, the telephone provides both speech communication and the door release function. The video image from the door camera appears synchronously with the call tone on the PC monitor.

### Performance features

- Transfer of door calls with/without video via the Ethernet/Intranet to PC users
- Optional: Audio transmission via the telephone network (DCA 740-01) in parallel with the video signal possible over Ethernet, ensuring an audio link in optimum TC quality
- Full duplex connection (i.e. no push-to-talk simplex communication)
- Control commands such as door release and light are possible from the PC with a mouse click or finger pressure
- Video: MPEG-4 (ISO/IEC 14496) Codec, Audio: G.711; (300Hz - 3.4KHz) standard
- Max. 49 IP users (computers within the network) can be called from the door (depending on the system configuration)
- The DoorCom IP manages up to 49 PC users
- Parallel call to up to 10 PC users possible
- Combination with code lock module COM 611-... or display call module DRM 611-... possible for direct calls to users
- One DCIP SC can be operated simultaneously at several DCIPs



## System components



### DCIP 600-0

The DoorCom IP links the Siedle door station to a TCP/IP network/Intranet. As a functional unit, the DCIP 600-... consists of the devices system interface video server SIVS 600-... and IP video server IPVS 600.

Performance features

- 4 software licences included in the scope of supply
- Further licences DCIP SC 600-... possible
- Max. 49 IP users (computers within the network) can be called from the door (depending on the system configuration)
- Parallel calls possible to max. 10 users
- Video image from the connected camera at the PC monitor
- Optionally optimum speech connection via DCA 740-... and a telephone system to a public network telephone or to a PC with headset or receiver
- Speech connection in duplex mode (open interactive speech)
- Door release and light actuation from the PC with mouse click or finger pressure
- Door dialling from the PC with a mouse click or finger pressure (audio/video)

- TLM/LL 611-... required as door loudspeaker module
  - Call possible via call button module, display call module DRM 611-... or code lock module COM 611-...
  - The PRI 602-... USB is required for programming.
- Scope of supply: SIVS 600-..., IPVS 600-...
- Operating voltage: 24–30 V DC  
Operating current: max. 450 mA  
Installation type: Top hat rail mounting  
Dimensions (mm) W x H x D:  
SIVS 600-0 144 x 130 x 55,  
IPVS 600-0 112 x 85 x 40

Prices and delivery periods on request



### DCA 740-01

DoorCom Analog DCA 740-01, in switch panel housing, can be connected to a universal a/b interface. In conjunction with the DCIP 600/650/740-... it serves as an alternative speech connection if no speech connection via PC is preferred. Connection takes place at the standardized a/b interface of a telephone system (analog PBX extension) or directly at the analog telephone network.

Operating voltage: 15 V DC  
Protection system: IP 20  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 6  
Dimensions (mm) W x H x D:  
107 x 89 x 60



### NG 600-0

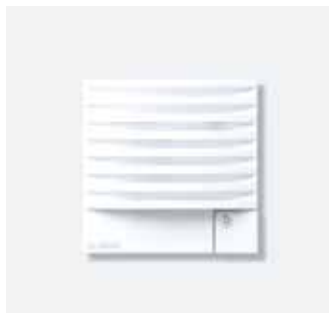
Line rectifier in switch panel housing for universal voltage supply.

Operating voltage: 230 V AC +/-10%, 50/60Hz

Typical current consumption: 46 VA  
Output voltage: 12 V AC, 24–28 V DC steplessly adjustable

Output current: 0.7 A DC; 1 A AC  
Fusing: Primary; T 250 mA; secondary: T 1 A AC, T 1 A DC

Protection system: IP 20  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 10  
Dimensions (mm) W x H x D:  
180 x 89 x 60



### TLM/LL 611-02

Door loudspeaker module in 611 Vario Design, for system-free installations, for interfacing at a symmetrical or asymmetrical line interface such as DoorCom IP systems, IP servers or IP telephone systems.

- With integrated electret microphone and loudspeaker.
  - Build in echo-compensation for full-duplex operation.
  - Potential-free light button with illumination capability and controllable volume.
  - Line-in 800 mVeff Impedance 2 kOhm
  - Line-out 100 mVeff Impedance 100 Ohm
- Operating voltage: 15–28 V DC  
Operating current: max. 100 mA  
Contact type: n.o. contact 24 V, 2 A  
Ambient temperature: -20°C to +55°C  
Dimensions (mm) W x H x D:  
99 x 99 x 35



### PRI 602-01 USB

The programming interface PRI 602-... USB in a switch panel housing connects a Windows PC via the USB port to the Siedle In-Home bus. Connection to the line rectifiers BNG 650-... and BVNG 650-... via ZBVG 650-...

The bus programming software BPS 650-... is included in the scope of delivery. Interface to the Siedle In-Home bus via 8-pin Western socket or via screw terminals.

Only one PRI 602-... USB can be connected to a PC.

System requirements: Windows PC, Win 2000, Win XP/Vista (32 Bit)  
Operating voltage: 10–15 V AC or 10–30 V DC  
Protection system: IP 20  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 3  
Dimensions (mm) W x H x D:  
53.5 x 89 x 60



### DCIP SC 600-0

DoorCom IP Software Client PC program describing a virtual in-house telephone with video on a PC monitor. Door calls with video are possible to one or more Siedle door stations. Implementing switching and control functions e.g. door release, light switching or indication of messages on the PC monitor.

A licence of the DCIP SC 600-... is required for every installation of the Software Client on a PC.

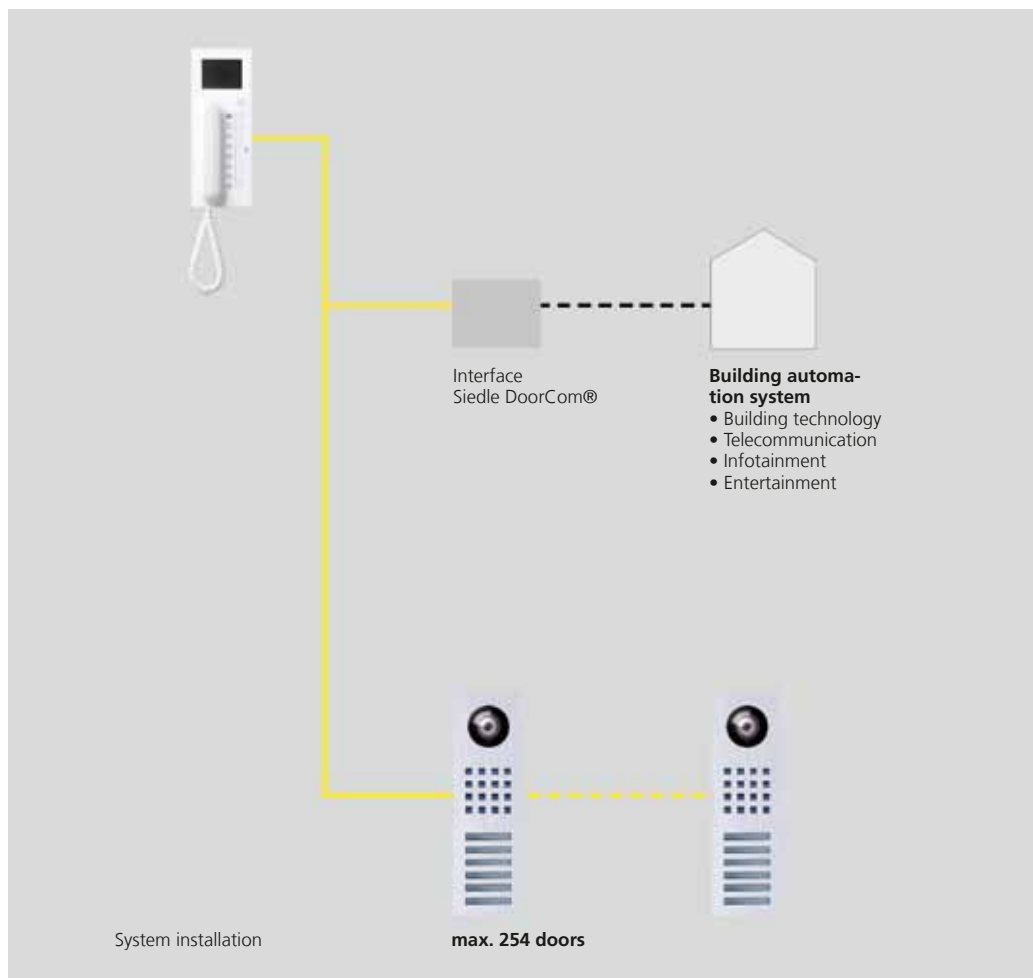
System conditions:

- Operating system Microsoft® Windows XP Professional (from SP2, 32 Bit), Microsoft® Windows Vista Home Premium and Business (from SP1, 32 Bit)
- Intel® Pentium® IV from 2.0 GHz or compatible CPUs
- min. 1 GB RAM
- Graphics card with at least 1024 x 768, 128 MB and 16 bit colour depth DirectX 9.0 support
- Ethernet card 100 Mbit
- Sound card including headset adapter
- Microsoft® DirectX® 9.0c
- Microsoft® Internet Explorer® latest version to read the help

### Please note:

For operating systems which are not listed, a prior compatibility test must be carried out.

**Intelligent living**  
**Interface to building automation**  
Application/System house



**“Smart Home”, the intel-  
ligent or networked home**

- this and similar terms are used to describe new forms of living and working for greater convenience and security. Siedle has a groundbreaking role to play with its core competence in this new technological field. A standardized interface provides a link to systems from leading manufacturers of building automation systems such as AMX or Crestron. The exchange of communication and control systems extends the scope of building automation to cover the entire functional capability of Siedle systems.

There is popular demand for connection of the door communication to systems which enhance convenience in the home. This interface does away with the need for improvised solutions. It creates an operationally reliable, tested link whose function and manufacturer warranty is fully valid.

**Official partnerships**

Siedle is a certified InConcert Partner to AMX and certified I2P Partner to Crestron.

For more information on the possibilities of linking to building automation systems, contact the Siedle System Integrators.  
See page 368







**Sets**

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Siedle Compact sets Audio	321
Siedle Compact sets Video	322

## Siedle Compact sets



### Specifications CA 812-...

Contact type: 2 n.o. contacts  
max. 15 V AC, 30 V DC, 2 A  
Protection system: IP 54  
Ambient temperature: -20°C to +55°C  
Dimensions (mm) W x H x D:  
82 x 226 x 28

### Specifications TR 603-...

Operating voltage: 230 V AC +/-10%,  
50/60Hz  
Protection system: IP 30  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 3  
Dimensions (mm) W x H x D:  
53.5 x 89 x 60

### Specifications TRS 711-1 USA

Operating voltage: 120 V AC, 50/60 Hz



### New

### Specifications CV 850-...

Contact type: 2 n.o. contacts  
max. 15 V AC, 30 V DC, 2 A  
Protection system: IP 54, IK 8  
Ambient temperature: -20°C to +40°C  
Dimensions (mm) W x H x D:  
82 x 226 x 35

- Colour system PAL
- Image pick-up CCD sensor 8.4 mm (1/3"), 510 x 582 pixel (horizontal/vertical)
- Lens 3.7 mm
- Horizontal pick-up angle appr. 60°, vertical appr. 50°
- Additional mechanical adjustment range by appr. 30° on the horizontal and vertical
- Horizontal resolution 380 lines
- Integrated LED lighting
- 2-step heating

### Specifications CV 850-... USA

- Colour system NTSC
  - Image pick-up CCD sensor 8.4 mm (1/3") 510 x 492 pixel (horizontal/vertical)
- for further technical specifications see above

### Specifications VSNG 850-0

Operating voltage: 230 V AC +/-10%,  
50/60Hz  
Protection system: IP 30  
Ambient temperature: 0°C to +40°C  
Horizontal pitch (HP): 9  
Dimensions (mm) W x H x D:  
162 x 89 x 60

### Specifications VSNG 850-1 USA

Operating voltage: 125 V AC, 50/60 Hz  
for further technical specifications see above

The low-cost, compact entry into top-class Siedle technology: Limited to essential technical functions but with the benefits of no-compromise engineering, quality and design.

- Uncomplicated surface-mounting inside and outside
- LED-illuminated buttons
- Video set optionally with in-house telephones or handsfree stations with no receiver
- For 1-4 (audio) / 1-2 (video) residential units
- Video set with colour camera and monitor
- Audio set 1+n-, video set using bus technology
- The sets are functionally coordinated and cannot be extended.
- Colours: The door station in brilliant silver, the indoor call station in white.

## Siedle Compact sets Audio



### SET CA 812-1 BS/W

Compact audio set for the 1-family home.

Door station for surface-mounting, transformer for switch panel mounting and standard in-house telephone for surface-mounting as a complete coordinated set. Basic functions calling, speech, door release and illuminated information panel.

### SET CA 812-11 BS/W USA



### SET CA 812-2 BS/W

Compact audio set for the 2-family home.

Door station for surface-mounting, transformer for switch panel mounting and 2 standard in-house telephones for surface-mounting as a complete coordinated set. Basic functions calling, speech, door release and illuminated information panel.

### SET CA 812-12 BS/W USA



### SET CA 812-3 BS/W

Compact audio set for the 3-family home.

Door station for surface-mounting, transformer for switch panel mounting and 3 standard in-house telephones for surface-mounting as a complete coordinated set. Basic functions calling, speech, door release and illuminated information panel.

### SET CA 812-13 BS/W USA

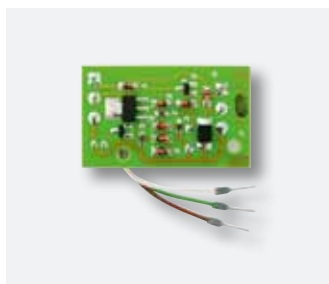


### SET CA 812-4 BS/W

Compact audio set for the 4-family home.

Door station for surface-mounting, transformer for switch panel mounting and 4 standard in-house telephones for surface-mounting as a complete coordinated set. Basic functions calling, speech, door release and illuminated information panel.

### SET CA 812-14 BS/W USA



### ZERT 811-0

Storey call accessory for mounting in the HTS 811-...

Permits the storey call function in 1+n installations without DC supply at the storey call button.

## Siedle Compact sets Video plug+play



### SET CV 850-01 BS/W

Compact video set for the 1-family home.

Door station with integrated colour CCD camera for surface-mounting, video line rectifier for switch panel mounting and standard bus telephone with colour monitor 8.8 cm for surface-mounting. The set is functionally coordinated. Basic functions calling, speech, vision and door release.

### SET CV 850-11 BS/W USA



### SET CVF 850-01 BS/W

Compact video set for the 1-family home.

Door station with integrated colour CCD camera for surface-mounting, video line rectifier for switch panel mounting and standard handsfree bus telephone with colour monitor 8.8 cm for surface-mounting. The set is functionally coordinated. Basic functions calling, speech, vision and door release.

### SET CVF 850-11 BS/W USA



### SET CV 850-02 BS/W

Compact video set for the 2-family home.

Door station with integrated colour CCD camera for surface-mounting, video line rectifier for switch panel mounting and 2 standard bus telephones with colour monitor 8.8 cm for surface-mounting. The set is functionally coordinated. Basic functions calling, speech, vision and door release.

### SET CV 850-12 BS/W USA



### SET CVF 850-02 BS/W

Compact video set for the 2-family home.

Door station with integrated colour CCD camera for surface-mounting, video line rectifier for switch panel mounting and 2 standard handsfree bus telephones with colour monitor 8.8 cm for surface-mounting. The set is functionally coordinated. Basic functions calling, speech, vision and door release.

### SET CVF 850-12 BS/W USA









## Replacement and modernization

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Replacement / upgrade HTA 811-0	338

## Overview



Sole condition: A bell system, in this example for a two-family home



Compact Audio set: Door station for surface-mounting, with illuminated call buttons and information sign. In-house telephone with door release, light button, differentiation between door and storey calls, and call silencing.

### From doorbell to communication system

The low-cost Compact sets are ideally suited for quick modernization. Due to trouble free surface-mounting inside and outside, no masonry work is generally required. For more information, see the chapter Sets.



All the video set requires: A simple doorbell



Compact Video set: Door station with colour camera and integrated LED lighting. Thanks to modern bus technology, the existing bell wires between the door and internal station are sufficient – also for the power supply.

### From doorbell to video system

Fast and uncomplicated: The video set generally runs using the wires of the existing bell system / door release system, and is simply screwed to the wall. For more information, see the chapter Sets.



Installed in millions of homes, successfully used over decades: Many tried and tested Siedle TL 111 series installations are now reaching the end of their life.



The retrofit version of Siedle Classic: Contemporary design and modern engineering in the metal look of the original. The screw fixture fits on the existing flush-mount housing. The button is alternatively also available in metal. For more details, go to page 135.



An adapter plate links the old housing with the Vario communication display. This opens up access to the complete Vario function spectrum.

### From old communication system to state-of-the-art technology

Some day even the enduring technology of an existing Siedle system will be due for an update. Special retrofit systems are designed to fit on the existing housing: This eliminates the need for masonry work.



Series 511 systems are generally still doing their job – but are unable to accommodate new technologies such as bus installation, fingerprint recognition or link-up to the public telephone network.



The successor models from the Vario 611 series fit on the existing housing and use the same conductor material.

### From Vario old to Vario new

Years of use under inhospitable conditions have taken their toll on a good few original Vario 511 series systems. An adapter permits simple replacement by the successor model, leaving the flush-mount housing in the wall.



### Turn age into beauty

The HTA 811 offers all the benefits of modern design: Contemporary styling, simple installation, easy handling and, importantly too, enormous design versatility. Consequently, a replacement can give rise not only to technical improvement but also bring a welcome facelift.

## Siedle Classic



A variant from the Siedle Classic product line was developed specifically as a replacement for one of its predecessors. Door loudspeakers of the TL 111 series were installed in their hundreds of thousands between the sixties and the eighties. Siedle Classic picks up this traditional styling concept: A metal front with loudspeaker grille, buttons and nameplates. The only differences from the standard version are the visible fastening screws and slightly different dimensions. The exchange version fits directly onto the existing housing without the need for an adapter, and in most cases even the same wires can continually be used.



TL 111 series door stations, which can be converted to Vario 511 using adapter plate FTL 101-0 A to FTL 103-0 C, can also be modernized using Siedle Classic.



LN7133b series door stations can also be updated in line with the latest developments using Siedle Classic. Prices and delivery periods on request. Please get in touch with us to discuss the many varied possibilities available. See page 368



6+n technology  
**CL 111-1 R-02**  
1+n technology  
**CL 111-1 N-02**  
In-Home bus  
**CL 111-1 B-02**

Door station with stainless steel front, V4A brushed, without housing for mounting on a flush-mount housing „size A“ of series TL 111. Door loudspeaker with 1 call button.  
Ambient temperature: -20°C to +55°C  
Dimensions front panel (mm) W x H x D:  
171 x 224 x 2



6+n technology  
**CL 111-2 R-02**  
1+n technology  
**CL 111-2 N-02**  
In-Home bus  
**CL 111-2 B-02**

Door station with stainless steel front, V4A brushed, without housing for mounting on a flush-mount housing „size B“ of series TL 111; door loudspeaker with 2 call buttons.  
Ambient temperature: -20°C to +55°C  
Dimensions front panel (mm) W x H x D:  
171 x 277 x 2



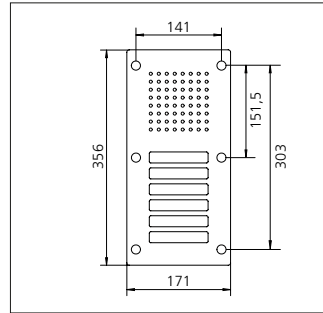
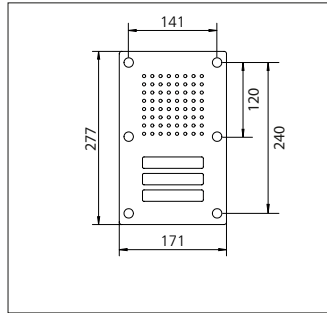
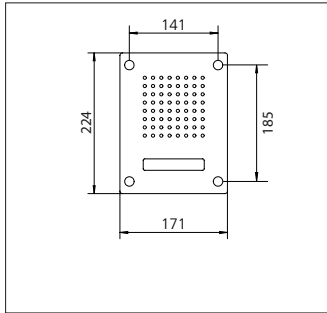
6+n technology  
**CL 111-3 R-02**  
1+n technology  
**CL 111-3 N-02**  
In-Home bus  
**CL 111-3 B-02**

Door station with stainless steel front, V4A brushed, without housing for mounting on a flush-mount housing „size B“ of series TL 111. Door loudspeaker with 3 call buttons.  
Ambient temperature: -20°C to +55°C  
Dimensions front panel (mm) W x H x D:  
171 x 277 x 2



6+n technology  
**CL 111-4 R-02**  
1+n technology  
**CL 111-4 N-02**  
In-Home bus  
**CL 111-4 B-02**

Door station with stainless steel front, V4A brushed, without housing for mounting on a flush-mount housing „size C“ of series TL 111. Door loudspeaker with 4 call buttons.  
Ambient temperature: -20°C to +55°C  
Dimensions front panel (mm) W x H x D:  
171 x 356 x 2



#### ZNSM/CL-02

Metal Classic accessory nameplate made of brushed stainless steel, without engraving, for exchange against standard installed backlit nameplate.

You can have your nameplate inscribed on site by an engraver.

Alternatively the button can be ordered ready engraved by our lettering service, optionally with black facing.



#### 6+n technology

##### CL 111-5 R-02

#### 1+n technology

##### CL 111-5 N-02

#### In-Home bus

##### CL 111-5 B-02

Door station with stainless steel front, V4A brushed, without housing for mounting on a flush-mount housing „size C“ of series TL 111. Door loudspeaker with 5 call buttons.

Ambient temperature: -20°C to +55°C

Dimensions front panel (mm) W x H x D:  
171 x 356 x 2

#### 6+n technology

##### CL 111-6 R-02

#### 1+n technology

##### CL 111-6 N-02

#### In-Home bus

##### CL 111-6 B-02

Door station with stainless steel front, V4A brushed, without housing for mounting on a flush-mount housing „size C“ of series TL 111. Door loudspeaker with 6 call buttons.

Ambient temperature: -20°C to +55°C

Dimensions front panel (mm) W x H x D:  
171 x 356 x 2

#### Market launch and delivery date

Door stations available from August 2012.

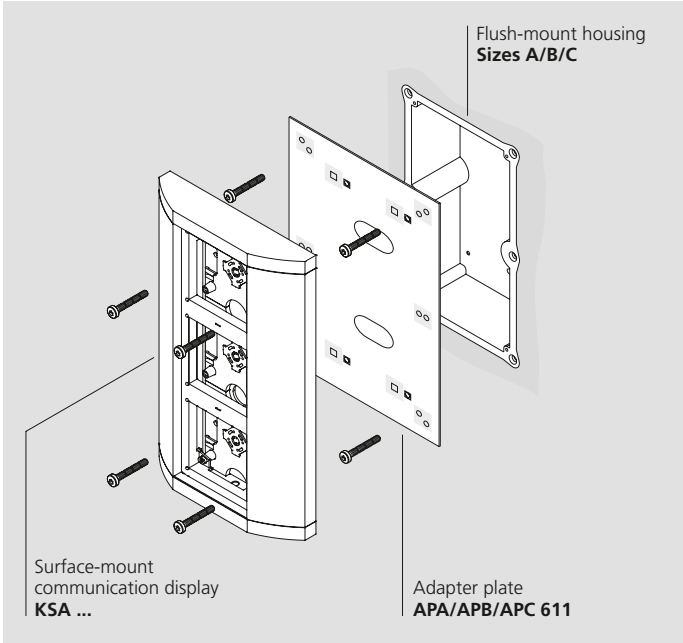
#### Overview of system components for modernization of existing Siedle systems TL 111-...

Existing door loudspeaker	Door station modernization	Modernization of the door station and internal and distribution units
TL 111	CL 111-... R	CL 111-... B*, N**
TL 111 with ZTL 056	Not possible	CL 111-... B*
TL 111 with ZTL 057	Not possible	CL 111-... B*
TL 111 with TLE 051-...	CL 111-... R	CL 111-... B*, N**

\* In-Home bus: Suitable internal and distribution units are featured from page 230

\*\*1+n technology: Suitable internal and distribution units are featured from page 264

Siedle Vario communication displays



When replacing a TL 111 by a Vario communication display, an adapter plate is used which fits on the hole pattern of the existing housing. This turns a flush-mounted system into a surface-mounted one. The main benefit of this variant is the scope it offers to turn a simple exchange into an up-grade – for example by adding video surveillance or electronic access control. Here too, the existing fixtures and wires are maintained, no masonry work is required.



**KSA 602-0**  
Surface-mount communication display for 2 function modules 611-... complete with mounting frame.  
Dimensions (mm) W x H x D:  
200 x 231 x 45,3



**KSA 603-0**  
Surface-mount communication display for 3 function modules 611-... complete with mounting frame.  
Dimensions (mm) W x H x D:  
200 x 331 x 45,3



**KSA 604-0**  
Surface-mount communication display for 4 function modules 611-... complete with mounting frame.  
Dimensions (mm) W x H x D:  
200 x 431 x 45,3



**KSA 605-0**  
Surface-mount communication display for 5 function modules 611-... complete with mounting frame.  
Dimensions (mm) W x H x D:  
200 x 531 x 45,3

Door station modernization		
1. Mechanical components		
Designation	For TL 111-...	Dimensions (mm) KSA WxHxD
KSA 602-0 + APA 611-0	TL 111-1A	200 x 231 x 45,3
KSA 603-0 + APB 611-0	TL 111-2B	200 x 331 x 45,3
KSA 603-0 + APB 611-0	TL 111-3B	200 x 331 x 45,3
KSA 604-0 + APC 611-0	TL 111-4C	200 x 431 x 45,3
KSA 604-0 + APC 611-0	TL 111-5C	200 x 431 x 45,3
KSA 604-0 + APC 611-0	TL 111-6C	200 x 431 x 45,3
2. Electrical components		
Designation	For TL 111-...	
TLM 611-0 and TM 612-...	TL 111-...	
Not possible	TL 111-... with ZTL 056	
Not possible	TL 111-... with ZTL 057	
TLM 611-0 and TM 612-...	TL 111-... with TLE 051-...	

**Please note:**  
All Vario modules, frames and housings are available in the six standard colours and also in non-standard paintwork finishes, see page 32-33.



**APA 611-0**

Adapter plate made of stainless steel, for mounting on a flush-mount housing "size A" of the former TL 111 series standard door loudspeaker. For retaining communication display KSA 602-0 compl. with mounting accessories. Dimensions (mm) W x H x D: 170 x 220 x 2

**APB 611-0**

Adapter plate made of stainless steel, for mounting on a flush-mount housing "size B" of the former TL 111 series standard door loudspeaker. For retaining communication display KSA 603-0 compl. with mounting accessories. Dimensions (mm) W x H x D: 170 x 275 x 2

**APC 611-0**

Adapter plate made of stainless steel, for mounting on a flush-mount housing "size C" of the former TL 111 series standard door loudspeaker. For retaining communication display KSA 604-0 or KSA 605-0 complete with mounting accessories. Dimensions (mm) W x H x D: 170 x 338 x 2

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**Modernization of the door station and internal and distribution units**


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Designation	for TL 111-...
In-Home bus* or 1+n technology**	TL 111-...
In-Home bus*	TL 111-... with ZTL 056
In-Home bus*	TL 111-... with ZTL 057
In-Home bus* or 1+n technology**	TL 111-... with TLE 051-...

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\* In-Home bus: BTLM 650-... and BTM 650-...

Suitable internal and distribution units are featured from page 230

\*\*1+n technology: TLM 612-... and TM 612-...

Suitable internal and distribution units are featured from page 264

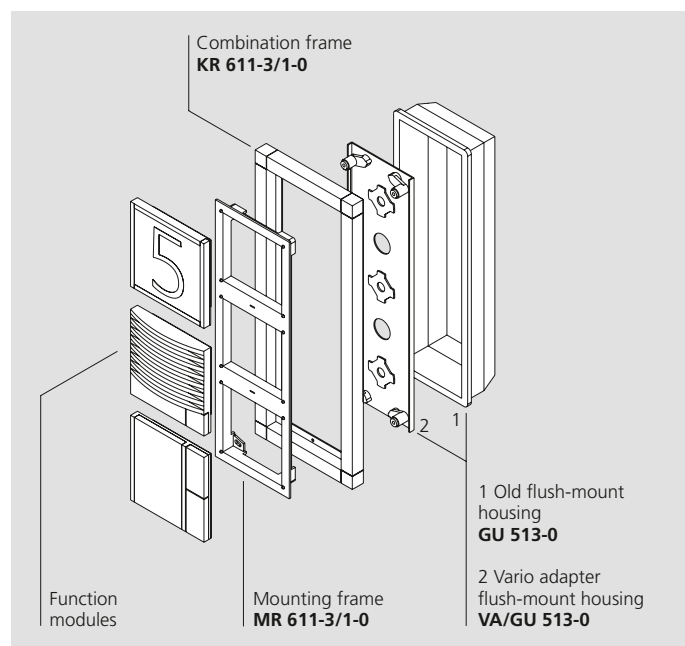
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## Flush-mounted door station



When replacing the first Vario series by its successor model, the mounting method remains precisely the same. An adapter plate is inserted in the existing housing and the existing wires are guided through the plate to the front.

This prepares the flush-mount housing for the mounting frame and function modules from the current Vario range.



By using a Vario adapter VA/GU 5..., an already plastered flush-mount housing GU 5... can be converted to take the new Siedle Vario system.



### Modernization of the flush-mounted door station

#### 1. Mechanical components

Designation	for flush-mounted housing	for mounting frame	for combination frames
VA/GU 511-...	GU 511-...	MR 611-1/1-...	KR 611-1/1 0
VA/GU 512-...	GU 512-...	MR 611-2/1-...	KR 611-2/1-0
VA/GU 524-...	GU 524-...	2 x MR 611-2/1-...	KR 611-2/2-0
VA/GU 513-...	GU 513-...	MR 611-3/1-...	KR 611-3/1-0
VA/GU 514-...	GU 514-...	MR 611-4/1-...	KR 611-4/1-0

Designation	Dimensions (mm) W x H x D	Weight (kg)
VA/GU 511-0	86 x 121 x 30	0.15
VA/GU 512-0	86 x 211 x 30	0.22
VA/GU 524-0	179 x 214 x 30	0.45
VA/GU 513-0	86 x 305 x 30	0.38
VA/GU 514-0	86 x 393 x 30	0.45

#### 2. Electrical components

Designation	for door loudspeaker
TLM 611-0 and TM 612-...	TLE 511-...
TLM 611-0 and TM 612-...	TLM 511-...
TLM 611-0 and TM 612-...	TLM/TK 511-...
TLM 612-... and TM 612-...	TLM 512-... with TM 511/ZD 512-4
Not possible	TLE or TLM 521-...
Not possible	TLM 522-...

### Door station modernization

Designation	for door loudspeaker
In-Home bus* or 1+n technology**	TLE 511-...
In-Home bus* or 1+n technology**	TLM 511-...
In-Home bus* or 1+n technology**	TLM/TK 511-...
In-Home bus*	TLE or TLM 521-...
In-Home bus*	TLM 522-...

\* In-Home bus: BTLM 650-... and BTM 650-...

Suitable internal and distribution units are featured from page 230

\*\* 1+n technology: TLM 612-... and TM 612-...

Suitable internal and distribution units are featured from page 264

#### Please note:

All Vario modules, frames and housings are available in the six standard colours and also in non-standard paintwork finishes, see page 32-33.

Surface-mounted door station



Surface-mounted series Vario 511 systems can be replaced with a minimum of fuss by our successor models from the 611 series. The necessary components and compatibility with the current installation systems are listed on this page.

Modernization of the surface-mounted door station		
1. Mechanical components		
for Vario 511	Surface-mount housing	for mounting frame
GA 511-0	GA 612-1/1-...	MR 611-1/1-...
GA 512-0	GA 612-2/1-...	MR 611-2/1-...
GA 513-0	GA 612-3/1-...	MR 611-3/1-...
GA 514-0	GA 612-4/1-...	MR 611-4/1-...
2. Electrical components		
Designation	for door loudspeaker	
TLM 611-0 and TM 612-...	TLE 511-...	
TLM 611-0 and TM 612-...	TLM 511-...	
TLM 611-0 and TM 612-...	TLM/TK 511-...	
TLM 612-... and TM 612-...	TLM 512-... with TM 511/ZD 512-4	
Not possible	TLE or TLM 521-...	
Not possible	TLM 522-...	

Door station modernization	
Designation	for door loudspeaker
In-Home bus* or 1+n technology**	TLE 511-...
In-Home bus* or 1+n technology**	TLM 511-...
In-Home bus* or 1+n technology**	TLM/TK 511-...
In-Home bus*	TLE or TLM 521-...
In-Home bus*	TLM 522-...
* In-Home bus: BTLM 650-... and BTM 650-...	
Suitable internal and distribution units are featured from page 230	
** 1+n technology: TLM 612-... and TM 612-...	
Suitable internal and distribution units are featured from page 264	

**Please note:**  
All Vario modules, frames and housings are available in the six standard colours and also in non-standard paintwork finishes, see page 32-33.

Communication pedestal  
 Communication pedestal with letterbox



Modernization of the free-standing door station	
Mechanical components	for SB/SRBK
APS 611-0 + KSF 6... or BG/KSF 6... or RG/KSF 6...	SB 511-SB 514
APS 611-0 + KSF 6... or BG/KSF 6... or RG/KSF 6...	SRBK 511

**APS 611-0**  
 Adapter plate in aluminium for mounting KSF 611 pedestals on the existing fixture for SB 511 or SRBK 511 from series Vario 511. Including mounting accessories.  
 Dimensions (mm) W x H x D:  
 228 x 209 x 12



### Systems with pass-through letterbox



### Systems with post removal from the front



**Turn age ...**  
Siedle Vario 511 with  
combination  
frame KR 513-3 (left)

**... into beauty:**  
Siedle Vario 611 with  
combination  
frame KR 613-3 (top)

#### Combination frame for modernization of letterbox systems

The housing remains in the wall: Special combination frames permit letterbox systems series Vario 511 to be simply replaced by current models of the Vario 611 system.

The frames are designed for integration of the letterboxes and functional modules of the current system into the existing grouted-in housing. When replacing, the existing installation and supply units can be retained.\*  
Benefit: A new system in the current design – without costly masonry and caulking work.



**Turn age ...**  
Siedle Vario 511 with  
combination  
frame KR 514-1/1 (left)

**... into beauty:**  
Siedle Vario 611 with  
combination  
frame KR 614-1/1 (top)

- Fast, simple exchange using the existing housing
- Less effort and lower costs
- Effortless changeover to the design\*\* and functional modules of the current system Vario 611
- Available for letterboxes with front removal and pass-through letterboxes in several finishes

\* Dependent on the installation system and required functional scope.

\*\* Due to the greater letterbox volume, the add-on height of the frame KR 614-1/1 is five centimeters.

#### Please note:

All Vario modules, frames and housings are available in the six standard colours and also in non-standard paintwork finishes, see page 32-33.

## Combination frame

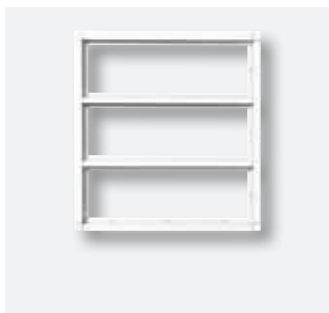


### KR 613-2

Combination frame as an adapter in aluminium for modernization of door station KR 513-2 to the current series Vario 611.

Combination frame to accommodate a letter flap module BE 611-3/1-0 and mounting frame MR 611-3/1-0 for function modules / info sign module or surface area light in the upper section. The necessary accessories for mounting on the existing flush-mount housing are enclosed with the mounting frame.

Dimensions (mm) W x H x D:  
331 x 242 x 15



### KR 613-3

Combination frame as an adapter in aluminium for modernization of door station KR 513-3 to the current series Vario 611.

Combination frame to accommodate a letter flap module BE 611-3/1-0 and mounting frame MR 611-3/1-0 for function modules / info sign module or surface area light in the upper section. The necessary accessories for mounting on the existing flush-mount housing are enclosed with the mounting frame.

Dimensions (mm) W x H x D:  
331 x 354 x 15



### KR 613-4

Combination frame as an adapter in aluminium for modernization of door station KR 513-4 to the current series Vario 611.

Combination frame to accommodate a letter flap module BE 611-3/1-0 and mounting frame MR 611-3/1-0 for function modules / info sign module or surface area light in the upper section. The necessary accessories for mounting on the existing flush-mount housing are enclosed with the mounting frame.

Dimensions (mm) W x H x D:  
331 x 465 x 15



### VA/GU 513-0

Vario adapter for flush-mount housing GU 513.

Adapter plate to accommodate one mounting frame MR 611-3/1 and combination frame KR 611-3/1 on flush-mount housing GU 513. Hot-dip galvanized sheet steel with fastening elements for simple mounting. Suitable for vertical or horizontal mounting.

Dimensions (mm) W x H x D:  
84 x 304 x 30



### KR 614-1/1

Combination frame as an adapter in aluminium for modernization of door station TL/BKGU 514-0 to the current series Vario 611.

Module housing to accommodate a letterbox or storage compartment module and a mounting frame MR 611-4/1-0 for function modules / information sign modules or surface area lights in the upper section. The necessary accessories for mounting on the existing flush-mount housing are enclosed with the adapter. Because of the increased capacity of the letterbox, the frame stands appr. 50 mm proud of the wall.

Dimensions (mm) W x H x D:  
431 x 542 x 50



## Product description



HTA 811-0



HT 401



HT 511



HT 611



HTA 711

**In-house telephone**  
**HTA 811-0 as a replacement for**  
**HT 401-...**  
**HT 511-...**  
**HT 611-...**  
**HTA 711-...**

### Applications

In-house telephone in a contemporary design for replacement / upgrading in almost all existing Siedle systems with TLM 521 or 6+n technology.

Door station

- TL 111-..., TL 121-...
- TLE 051-...
- TLM 511-...
- TLE 511-..., TLE/TLM 521-... and predecessors

The HTA 811-0 circuitry can be used as a replacement for Siedle in-house telephones without any additional accessories or conversion.

- LN 7145, LN 7150
- HT 111-02
- HT 211-02
- HT 311, HT 351
- HT 401a-01, HT 411-02
- HT 511-01
- HT 611-01
- HTA 711-01

In Siedle standard circuits according to

- AS-2/53-... (systems without audio privacy)
- AS-2/63-... (systems with audio privacy)
- AS-2/58-... and AS-2/59-... (systems without audio privacy)
- Not suitable for use in systems with internal speech communication (AS-2/73-.../AS-2/93-...) and in systems with TLM 522-0 according to AS-2/66a-1



## System components



### HTA 811-0

Analogue in-house telephone for door intercom systems in 6+n technology or wire-saving with TLM 521. With the basic functions calling, speech, door release and storey call. Electronic call generator with three-tone chime, alpha tone for door calls and continuous tone for storey calls.

Performance features

- Potential-free door release and light button
- Integrated audio privacy device for all applications (assignment if required)
- Electronic call signal with door / storey call differentiation, alpha and continuous tone
- Stepless call volume adjustment max. 83 dB(A)
- Plug-in handset for simple assembly
- Conversion for table-top mounting using suitable accessory

Contact type: 2 n.o. contacts, 24 V, 1 A

Dimensions (mm) W x H x D:  
91 x 201 x 46



### ZT 811-0

Table-top accessory ZT 811-0 with 3 m connecting cable, 16-pin plug and junction box.

For conversion from a wall mounting to a table-top device for the HTA 811-...

Connecting cable: 16-core 3 m long



### AD 711-0/16

Multiple junction box 16-pin for socket D=60, in conjunction with table-top accessory ZT/ZTV 840-..., ZT 811-0 or ZT 711-01/16

Dimensions (mm) W x H x D:  
80 x 80 x 38



### NS 511-01

Secondary signal unit with electronic three-tone chime, alpha and continuous tone.

Subtle low-profile design for surface-mounting. Volume adjustable from outside, appr. 86 dB(A), operation in 12 V bell systems.

Operating voltage: 12 V AC 16–20 V DC

Operating current: max. 200 mA

Dimensions (mm) W x H x D:

107 x 107 x 25

Standard variant without panel	Order key white housing	
White	...W	
Design variants with panel	Order key translucent housing	Order key black housing
Stainless steel	...E/T	...E/S
Aluminium	...A/T	...A/S
High gloss white	...WH/T	...WH/S
High gloss black	...SH/T	...SH/S
Gold	...EG/T	...EG/S
Chrome	...EC/T	...EC/S
Wenge	...HW/T	...HW/S
Bamboo	...HB/T	...HB/S
Example HTA 811-0 W		
Further execution on demand		



### NG 402-03

Line rectifier for 6+n technology and for P.O. amplifier unit PVG 402-...

Operating voltage:

230 V AC +/-10%, 50/60 Hz

Typical current consumption: 41 VA

Output voltage:

8.3 V DC stabilized, 12 V AC

Output current: 2 A AC, 0.4 A DC

Fusing: Primary, 200 mA L, secondary, thermal fusing

Protection system: IP 20

Ambient temperature: 0°C to +40°C

Horizontal pitch (HP): 6

Dimensions (mm) W x H x D:

107 x 89 x 60





**Siedle service**

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## Siedle lettering service



### **Cohesive appearance - optimum legibility**

Whether a name, company designation, logo or opening hours: On request, Siedle will be pleased to provide the lettering for your communication system.

Typography is part of the system design – which is why the Siedle lettering service guarantees a perfect, standardized appearance and easy legibility on buttons, panels or info signs. Siedle uses film or screen printing methods, and can print implementing graphic images such as logos, also in more than one colour.

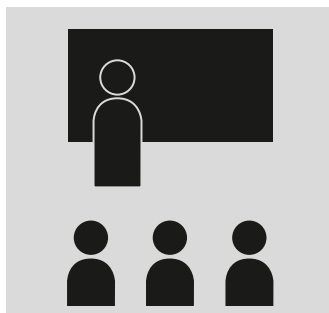
The metal surfaces of the Siedle Steel and Siedle Classic ranges can also be engraved. Siedle Steel also offers the option of laser cutting technology.

Within the framework of the Manufacture range, we also customize and inscribe indoor stations.

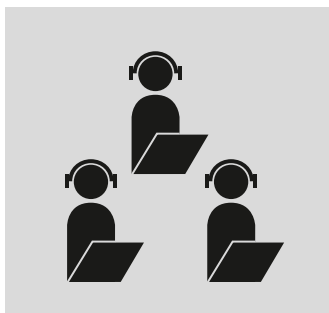
Your Siedle advisor or our lettering service will be pleased to help you in the selection of the optimum inscription.

Please contact Siedle or your local representative for inscription possibilities. See page 366-367.

## Training and instruction



Presence training



Online training

At Siedle, we attach great importance to training and instruction for our sales partners. This is why we offer a comprehensive modular program of seminars, also tailored to the needs of the trade, fitters and installers, planners and architects. For the complete range of offered seminars please contact Siedle or your local representative.

See pages 366-367.

## Sales promotion



A picture may say more than a thousand words, but there is no picture or brochure quite as effective as hands-on experience of the real product at work. This applies particularly to Siedle, as the quality of our devices is taken in by every one of the five senses. So take the very best argument there is with you when you visit your customers: The products themselves. Naturally with our support behind you.

For our sales promotion media please contact Siedle or your local representative.

See pages 366-367.

## Internet service



Please access [www.siedle.com](http://www.siedle.com) to find a whole range of current information. In case of questions, to request information or arrange an appointment, please simply e-mail us on [info@siedle.de](mailto:info@siedle.de).

## Discontinued articles, replacement/extension

Article designation	Article description	Colour
AD 332-0	Junction box	cream White
AEM 645-0 BG	Alphabetical input module	Micaceous amber
AEM 645-0 DG	Alphabetical input module	Micaceous dark grey
AEM 645-0 GM	Alphabetical input module	Graphite brown metallic
AEM 645-0 SH	Alphabetical input module	High gloss black
AEM 645-0 SM	Alphabetical input module	Silver metallic
AEM 645-0 TM	Alphabetical input module	Titanium metallic
AEM 645-0 W	Alphabetical input module	White
AEM 645-0 WH	Alphabetical input module	High gloss white
AFM 611-4/4-0 GM	Storage compartment module	Graphite brown metallic
AFM 611-4/4-0 TM	Storage compartment module	Titanium metallic
BCMC 650-0 GM	Bus camera module	Graphite brown metallic
BCMC 650-0 TM	Bus camera module	Titanium metallic
BCMM 650-0 BG	Bus monochrome camera module	Micaceous amber
BCMM 650-0 DG	Bus monochrome camera module	Micaceous dark grey
BCMM 650-0 GM	Bus monochrome camera module	Graphite brown metallic
BCMM 650-0 SH	Bus monochrome camera module	High gloss black
BCMM 650-0 SM	Bus monochrome camera module	Silver metallic
BCMM 650-0 TM	Bus monochrome camera module	Titanium metallic
BCMM 650-0 W	Bus monochrome camera module	White
BCMM 650-0 WH	Bus monochrome camera module	High gloss white
BE 611-3/1-0 GM	Letter flap module	Graphite brown metallic
BE 611-3/1-0 TM	Letter flap module	Titanium metallic
BE 611-4/1-0 GM	Letter flap module	Graphite brown metallic
BE 611-4/1-0 TM	Letter flap module	Titanium metallic
BFC 850-0 AS/T	Comfort handsfree bus telephone intercom	Aluminium black/Translucent
BFC 850-0 RL/T	Comfort handsfree bus telephone intercom	Ruby red/Translucent
BFCV 850-0 A/S	Comfort handsfree bus telephone intercom colour monitor	Aluminium/Black
BFCV 850-0 A/T	Comfort handsfree bus telephone intercom colour monitor	Aluminium/Translucent
BFCV 850-0 AS/T	Comfort handsfree bus telephone intercom colour monitor	Aluminium black/Translucent
BFCV 850-01 E/S	Comfort handsfree bus telephone intercom colour monitor	Stainless steel/Black
BFCV 850-01 E/T	Comfort handsfree bus telephone intercom colour monitor	Stainless steel/Translucent
BFCV 850-0 EC/S	Comfort handsfree bus telephone intercom colour monitor	Chrome/Black
BFCV 850-0 EC/T	Comfort handsfree bus telephone intercom colour monitor	Chrome/Translucent
BFCV 850-0 EG/S	Comfort handsfree bus telephone intercom colour monitor	Gold/Black
BFCV 850-0 EG/T	Comfort handsfree bus telephone intercom colour monitor	Gold/Translucent
BFCV 850-0 HB/S	Comfort handsfree bus telephone intercom colour monitor	Bamboo/Black
BFCV 850-0 HB/T	Comfort handsfree bus telephone intercom colour monitor	Bamboo/Translucent
BFCV 850-0 HW/S	Comfort handsfree bus telephone intercom colour monitor	Wenge/Black
BFCV 850-0 HW/T	Comfort handsfree bus telephone intercom colour monitor	Wenge/Translucent
BFCV 850-0 RL/T	Comfort handsfree bus telephone intercom colour monitor	Ruby red/Translucent
BFCV 850-0 SH/S	Comfort handsfree bus telephone intercom colour monitor	High gloss black/Black
BFCV 850-0 SH/T	Comfort handsfree bus telephone intercom colour monitor	High gloss black/Translucent
BFCV 850-0 W	Comfort handsfree bus telephone intercom colour monitor	White
BFCV 850-0 WH/S	Comfort handsfree bus telephone intercom colour monitor	High gloss white/Black
BFCV 850-0 WH/T	Comfort handsfree bus telephone intercom colour monitor	High gloss white/Translucent
BFS 850-02 AS/T	Standard bus handsfree telephone	Aluminium black/Translucent
BFS 850-02 RL/T	Standard bus handsfree telephone	Ruby red/Translucent

Article designation	Article description	Colour
BFSV 850-03 AS/T	Standard handsfree bus telephone with colour monitor	Aluminium black/Translucent
BFSV 850-03 RL/T	Standard handsfree bus telephone with colour monitor	Ruby red/Translucent
BG/KSF 611-10 G-R GM	Free-standing communication pedestal	Graphite brown metallic
BG/KSF 611-10 G-R TM	Free-standing communication pedestal	Titanium metallic
BG/KSF 611-12 H-R GM	Free-standing communication pedestal	Graphite brown metallic
BG/KSF 611-12 H-R TM	Free-standing communication pedestal	Titanium metallic
BG/KSF 611-20 G-R GM	Free-standing communication pedestal	Graphite brown metallic
BG/KSF 611-20 G-R TM	Free-standing communication pedestal	Titanium metallic
BG/KSF 611-22 D-R GM	Free-standing communication pedestal	Graphite brown metallic
BG/KSF 611-22 D-R TM	Free-standing communication pedestal	Titanium metallic
BG/KSF 611-44 H-R GM	Free-standing communication pedestal	Graphite brown metallic
BG/KSF 611-44 H-R TM	Free-standing communication pedestal	Titanium metallic
BG/SR 611-4/4-0 GM	Free-standing letterbox with upright columns	Graphite brown metallic
BG/SR 611-4/4-0 TM	Free-standing letterbox with upright columns	Titanium metallic
BG/SR 611-4/5-0 GM	Free-standing letterbox with upright columns	Graphite brown metallic
BG/SR 611-4/5-0 TM	Free-standing letterbox with upright columns	Titanium metallic
BG/SR 611-4/6-0 GM	Free-standing letterbox with upright columns	Graphite brown metallic
BG/SR 611-4/6-0 TM	Free-standing letterbox with upright columns	Titanium metallic
BG/SR 611-4/7-0 GM	Free-standing letterbox with upright columns	Graphite brown metallic
BG/SR 611-4/7-0 TM	Free-standing letterbox with upright columns	Titanium metallic
BG/SR 611-4/9-0 GM	Free-standing letterbox with upright columns	Graphite brown metallic
BG/SR 611-4/9-0 TM	Free-standing letterbox with upright columns	Titanium metallic
BG/SR 611-8/5-0 GM	Free-standing letterbox with upright columns	Graphite brown metallic
BG/SR 611-8/5-0 TM	Free-standing letterbox with upright columns	Titanium metallic
BGA 611-4/10-0 GM	Surface-mount letterbox module housing	Graphite brown metallic
BGA 611-4/10-0 TM	Surface-mount letterbox module housing	Titanium metallic
BGA 611-4/4-0 GM	Surface-mount letterbox module housing	Graphite brown metallic
BGA 611-4/4-0 TM	Surface-mount letterbox module housing	Titanium metallic
BGA 611-4/5-0 GM	Surface-mount letterbox module housing	Graphite brown metallic
BGA 611-4/5-0 TM	Surface-mount letterbox module housing	Titanium metallic
BGA 611-4/6-0 GM	Surface-mount letterbox module housing	Graphite brown metallic
BGA 611-4/6-0 TM	Surface-mount letterbox module housing	Titanium metallic

Article designation	Article description	Colour
BGA 611-8/9-0 GM	Surface-mount letterbox module housing	Graphite brown metallic
BGA 611-4/9-0 TM	Surface-mount letterbox module housing	Titanium metallic
BGA 611-8/10-0 GM	Surface-mount letterbox module housing	Graphite brown metallic
BGA 611-8/10-0 TM	Surface-mount letterbox module housing	Titanium metallic
BKM 611-4/4-0 GM	Letterbox module with pass-through flap	Graphite brown metallic
BKM 611-4/4-0 TM	Letterbox module with pass-through flap	Titanium metallic
BM 611-0 GM	Dummy module Vario 611	Graphite brown metallic
BM 611-0 TM	Dummy module Vario 611	Titanium metallic
BMM 611-0 GM	Movement sensor module	Graphite brown metallic
BMM 611-0 TM	Movement sensor module	Titanium metallic
BNS 640-0 W	Secondary signal unit	White
BSG 650-02	Bus control unit	Black
BTC 850-02 AS/T	Comfort bus telephone	Aluminium black/Translucent
BTC 850-02 RL/T	Comfort bus telephone	Ruby red/Translucent
BTCV 850-02 A/S	Comfort bus telephone with colour monitor	Aluminium/Black
BTCV 850-02 A/T	Comfort bus telephone with colour monitor	Aluminium/Translucent
BTCV 850-02 AS/T	Comfort bus telephone with colour monitor	Aluminium black/Translucent
BTCV 850-02 E/S	Comfort bus telephone with colour monitor	Stainless steel/Black
BTCV 850-02 E/T	Comfort bus telephone with colour monitor	Stainless steel/Translucent
BTCV 850-02 EC/S	Comfort bus telephone with colour monitor	Chrome/Black
BTCV 850-02 EC/T	Comfort bus telephone with colour monitor	Chrome/Translucent
BTCV 850-02 EG/S	Comfort bus telephone with colour monitor	Gold/Black
BTCV 850-02 EG/T	Comfort bus telephone with colour monitor	Gold/Translucent
BTCV 850-02 HB/S	Comfort bus telephone with colour monitor	Bamboo/Black
BTCV 850-02 HB/T	Comfort bus telephone with colour monitor	Bamboo/Translucent
BTCV 850-02 HW/S	Comfort bus telephone with colour monitor	Wenge/Black
BTCV 850-02 HW/T	Comfort bus telephone with colour monitor	Wenge/Translucent
BTCV 850-02 RL/T	Comfort bus telephone with colour monitor	Ruby red/Translucent
BTCV 850-02 SH/S	Comfort bus telephone with colour monitor	High gloss black/Black
BTCV 850-02 SH/T	Comfort bus telephone with colour monitor	High gloss black/Translucent
BTCV 850-02 W	Comfort bus telephone with colour monitor	White
BTCV 850-02 WH/S	Comfort bus telephone with colour monitor	High gloss white/Black
BTCV 850-02 WH/T	Comfort bus telephone with colour monitor	High gloss white/Translucent
BTLM 650-04 GM	Bus door loudspeaker module	Graphite brown metallic
BTLM 650-04 TM	Bus door loudspeaker module	Titanium metallic
BTM 650-01 GM	Bus call button module	Graphite brown metallic
BTM 650-01 TM	Bus call button module	Titanium metallic
BTM 650-02 GM	Bus call button module	Graphite brown metallic
BTM 650-02 TM	Bus call button module	Titanium metallic
BTM 650-03 GM	Bus call button module	Graphite brown metallic
BTM 650-03 TM	Bus call button module	Titanium metallic

Article designation	Article description	Colour
BTM 650-04 GM	Bus call button module	Graphite brown metallic
BTM 650-04 TM	Bus call button module	Titanium metallic
BTM 650-1 GM	Bus call button module	Graphite brown metallic
BTM 650-1 SM	Bus call button module	Silver metallic
BTM 650-1 TM	Bus call button module	Titanium metallic
BTM 650-1 W	Bus call button module	White
BTM 650-2 GM	Bus call button module	Graphite brown metallic
BTM 650-2 SM	Bus call button module	Silver metallic
BTM 650-2 TM	Bus call button module	Titanium metallic
BTM 650-2 W	Bus call button module	White
BTM 650-3 GM	Bus call button module	Graphite brown metallic
BTM 650-3 SM	Bus call button module	Silver metallic
BTM 650-3 TM	Bus call button module	Titanium metallic
BTM 650-3 W	Bus call button module	White
BTM 650-4 GM	Bus call button module	Graphite brown metallic
BTM 650-4 SM	Bus call button module	Silver metallic
BTM 650-4 TM	Bus call button module	Titanium metallic
BTM 650-4 W	Bus call button module	White
BTS 750-02 S	Standard bus telephone	Black
BTS 750-02 W	Standard bus telephone	White
BTS 850-02 AS/T	Standard bus telephone	Aluminium black/Translucent
BTS 850-02 RL/T	Standard bus telephone	Ruby red/Translucent
BTSV 850-03 AS/T	Standard bus telephone with colour monitor	Aluminium black/Translucent
BTSV 850-03 RL/T	Standard bus telephone with colour monitor	Ruby red/Translucent
BVE 650-01 S	Bus video receiver	Black
BVE 650-01 SM	Bus video receiver	Silver metallic
BVE 650-01 W	Bus video receiver	White
BVG 650-02	Bus supply unit	Black
BVS 650-0	Bus video transmitter	Grey
BVSM 650-0 GM	Bus video transmission module	Graphite brown metallic
BVSM 650-0 SM	Bus video transmission module	Silver metallic
BVSM 650-0 TM	Bus video transmission module	Titanium metallic
BVSM 650-0 W	Bus video transmission module	White
CC 602-0	Concierge controller	Black
CCE 602-0	Concierge controller extension	Black
CL 111-1 B-01	Siedle Classic door station	Stainless steel
CL 111-2 B-01	Siedle Classic door station	Stainless steel
CL 111-3 B-01	Siedle Classic door station	Stainless steel
CL 111-4 B-01	Siedle Classic door station	Stainless steel
CL 111-5 B-01	Siedle Classic door station	Stainless steel
CL 111-1 N	Siedle Classic door station	Stainless steel
CL 111-2 N	Siedle Classic door station	Stainless steel
CL 111-3 N	Siedle Classic door station	Stainless steel
CL 111-4 N	Siedle Classic door station	Stainless steel
CL 111-5 N	Siedle Classic door station	Stainless steel
CL 111-1 R	Siedle Classic door station	Stainless steel
CL 111-2 R	Siedle Classic door station	Stainless steel
CL 111-3 R	Siedle Classic door station	Stainless steel
CL 111-4 R	Siedle Classic door station	Stainless steel
CL 111-5 R	Siedle Classic door station	Stainless steel
CL A 01 B-01	Siedle Classic door station	Stainless steel
CL A 02 B-01	Siedle Classic door station	Stainless steel
CL A 03 B-01	Siedle Classic door station	Stainless steel
CL A 04 B-01	Siedle Classic door station	Stainless steel
CL A 05 B-01	Siedle Classic door station	Stainless steel

## Discontinued articles, replacement/extension

Article designation	Article description	Colour
CL A 06 B-01	Siedle Classic door station	Stainless steel
CL A 08 B-01	Siedle Classic door station	Stainless steel
CL A 01 N	Siedle Classic door station	Stainless steel
CL A 02 N	Siedle Classic door station	Stainless steel
CL A 03 N	Siedle Classic door station	Stainless steel
CL A 04 N	Siedle Classic door station	Stainless steel
CL A 05 N	Siedle Classic door station	Stainless steel
CL A 06 N	Siedle Classic door station	Stainless steel
CL A 08 N	Siedle Classic door station	Stainless steel
CL V 01 B C-01	Siedle Classic door station video	Stainless steel
CL V 02 B C-01	Siedle Classic door station video	Stainless steel
CL V 03 B C-01	Siedle Classic door station video	Stainless steel
CL V 04 B C-01	Siedle Classic door station video	Stainless steel
CL V 01 N C-01	Siedle Classic door station.video	Stainless steel
CL V 02 N C-01	Siedle Classic door station.video	Stainless steel
CL V 03 N C-01	Siedle Classic door station.video	Stainless steel
CL V 04 N C-01	Siedle Classic door station video	Stainless steel
CLK 740-0	Multi system clock Multi	Miscellaneous
CMC 611-03 GM	Colour camera module	Graphite brown metallic
CMC 611-03 SM	Colour camera module	Silver metallic
CMC 611-03 TM	Colour camera module	Titanium metallic
CMC 611-03 W	Colour camera module	White
CMC 612-0 BG	Colour camera module	Micaceous amber
CMC 612-0 DG	Colour camera module	Micaceous dark grey
CMC 612-0 GM	Colour camera module	Graphite brown metallic
CMC 612-0 RAL	Colour camera module	RAL
CMC 612-0 SH	Colour camera module	High gloss black
CMC 612-0 SM	Colour camera module	Silver metallic
CMC 612-0 TM	Colour camera module	Titanium metallic
CMC 612-0 W	Colour camera module	White
CMC 612-0 WH	Colour camera module	High gloss white
CMM 611-0 GM	Monochrome camera module	Graphite brown metallic
CMM 611-0 SM	Monochrome camera module	Silver metallic
CMM 611-0 TM	Monochrome camera module	Titanium metallic
CMM 611-0 W	Monochrome camera module	White
CMM 612-0 BG	Monochrome camera module	Micaceous amber
CMM 612-0 DG	Monochrome camera module	Micaceous dark grey
CMM 612-0 GM	Monochrome camera module	Graphite brown metallic
CMM 612-0 SH	Monochrome camera module	High gloss black
CMM 612-0 SM	Monochrome camera module	Silver metallic
CMM 612-0 TM	Monochrome camera module	Titanium metallic
CMM 612-0 W	Monochrome camera module	White
CMM 612-0 WH	Monochrome camera module	High gloss white
COM 611-02 GM	Code lock module	Graphite brown metallic
COM 611-02 TM	Code lock module	Titanium metallic
CVG 602-0	Concierge power supply unit	Black
DCA 740-01	DoorCom Analog	Black
DCA/IT 740-0 Set	DoorCom ISDN Set	Miscellaneous
DCIP 740-0	DoorCom IP Multi	Miscellaneous
DIM 640-0 GM	Display module	Graphite brown metallic
DIM 640-0 TM	Display module	Titanium metallic
DIM 640-0 BG	Display module	Micaceous amber
DIM 640-0 DG	Display module	Micaceous dark grey
DIM 640-0 SH	Display module	High gloss black
DIM 640-0 SM	Display module	Silver metallic
DIM 640-0 W	Display module	White
DIM 640-0 WH	Display module	High gloss white
DIM 642-0 W	Display module	White

Article designation	Article description	Colour
DRM 611-01 GM	Display call module	Graphite brown metallic
DRM 611-01 TM	Display call module	Titanium metallic
ELM 611-01 GM	Easikey read module	Graphite brown metallic
ELM 611-01 TM	Electronic-key reading module	Titanium metallic
ES 501-0	Electronic key	Black
ETC 640-01	Storey door release controller	Black
GE 611-0	Housing end pieces	Grey
GZ 611-1	Housing spacer	Grey
GZ 611-2	Housing spacer	Grey
GZ 611-3	Housing spacer	Grey
HT 611-01 S	In-House telephone	Black
HT 611-01 W	In-House telephone	White
HT 740-0 S	Multi telephone	Black
HT 740-0 SM	Multi telephone	Silver metallic
HT 740-0 W	Multi telephone	White
HT 840-0 A/T	Multi telephone	Aluminium/Translucent
HT 840-01 E/T	Multi telephone	Stainless steel/ Translucent
HT 840-0 W	Multi telephone	White
HTA 711-01 S	Analogue in-house telephone	Black
HTA 711-01 W	Analogue in-house telephone	White
HTA 811-0 AS/T	Analogue in-house telephone	Aluminium black/ Translucent
HTA 811-0 RL/T	Analogue in-house telephone	Ruby red/Translucent
HTC 711-0 S	Comfort in-house telephone	Black
HTC 711-0 SM	Comfort in-house telephone	Silver metallic
HTC 711-0 W	Comfort in-house telephone	White
HTC 811-0 AS/T	Comfort in-house telephone	Aluminium black/ Translucent
HTC 811-0 RL/T	Comfort in-house telephone	Ruby red/Translucent
HTS 711-01 S	Standard in-house telephone	Black
HTS 711-01 W	Standard in-house telephone	White
HTS 811-0 AS/T	Standard in-house telephone	Aluminium black/ Translucent
HTS 811-0 RL/T	Standard in-house telephone	Ruby red/Translucent
HTSV 840-0 A/T	Standard Multi telephone with colour monitor	Aluminium/Translucent
HTSV 840-01 E/T	Standard in-house telephone with colour monitor	Stainless steel/ Translucent
HTSV 840-0 W	Standard Multi telephone with colour monitor	White
HTV 840-0 A/T	Multi telephone with colour monitor	Aluminium/Translucent
HTV 840-01 E/T	Multi telephone with colour monitor	Stainless steel/Trans- lucent
HTV 840-0 W	Multi telephone with colour monitor	White
HVC 640-0	Horizontal vertical controller	Black
HVS 644-0	Modular router	Miscellaneous
IEIB 711-0 S	Interface EIB	Black
IEIB 711-0 SM	Interface EIB	Silver metallic
IEIB 711-0 W	Interface EIB	White
IM 611-0 GM	Information module	Graphite brown metallic
IM 611-0 SM	Information module	Silver metallic
IM 611-0 TM	Information module	Titanium metallic
IM 611-0 W	Information module	White



Article designation	Article description	Colour
IM 612-0 GM	Information module	Graphite brown metallic
IM 612-0 TM	Information module	Titanium metallic
IOB 611-10	Handsfree interface	Miscellaneous
ISM 611-12/1-0 GM	Info sign module	Graphite brown metallic
ISM 611-12/1-0 TM	Info sign module	Titanium metallic
ISM 611-12/2-0 GM	Info sign module	Graphite brown metallic
ISM 611-12/2-0 TM	Info sign module	Titanium metallic
ISM 611-12/3-0 GM	Info sign module	Graphite brown metallic
ISM 611-12/3-0 TM	Info sign module	Titanium metallic
ISM 611-12/4-0 GM	Info sign module	Graphite brown metallic
ISM 611-12/4-0 TM	Info sign module	Titanium metallic
ISM 611-2/1-0 GM	Info sign module	Graphite brown metallic
ISM 611-2/1-0 TM	Info sign module	Titanium metallic
ISM 611-2/2-0 GM	Info sign module	Graphite brown metallic
ISM 611-2/2-0 TM	Info sign module	Titanium metallic
ISM 611-3/1-0 GM	Info sign module	Graphite brown metallic
ISM 611-3/1-0 TM	Info sign module	Titanium metallic
ISM 611-3/2-0 GM	Info sign module	Graphite brown metallic
ISM 611-3/2-0 TM	Info sign module	Titanium metallic
ISM 611-3/3-0 GM	Info sign module	Graphite brown metallic
ISM 611-3/3-0 TM	Info sign module	Titanium metallic
ISM 611-4/1-0 GM	Info sign module	Graphite brown metallic
ISM 611-4/1-0 TM	Info sign module	Titanium metallic
ISM 611-4/2-0 GM	Info sign module	Graphite brown metallic
ISM 611-4/2-0 TM	Info sign module	Titanium metallic
ISM 611-4/3-0 GM	Info sign module	Graphite brown metallic
ISM 611-4/3-0 TM	Info sign module	Titanium metallic
ISM 611-4/4-0 TM	Info sign module	Titanium metallic
ISM 611-4/4-0 GM	Info sign module	Graphite brown metallic
ISM 611-6/1-0 GM	Info sign module	Graphite brown metallic
ISM 611-6/1-0 TM	Info sign module	Titanium metallic
ISM 611-6/2-0 GM	Info sign module	Graphite brown metallic
ISM 611-6/2-0 TM	Info sign module	Titanium metallic
ISM 611-6/3-0 GM	Info sign module	Graphite brown metallic
ISM 611-6/3-0 TM	Info sign module	Titanium metallic
ISM 611-6/4-0 GM	Info sign module	Graphite brown metallic
ISM 611-6/4-0 TM	Info sign module	Titanium metallic
ISM 611-8/1-0 GM	Info sign module	Graphite brown metallic
ISM 611-8/1-0 TM	Info sign module	Titanium metallic
ISM 611-8/2-0 GM	Info sign module	Graphite brown metallic
ISM 611-8/2-0 TM	Info sign module	Titanium metallic
ISM 611-8/3-0 GM	Info sign module	Graphite brown metallic
ISM 611-8/3-0 TM	Info sign module	Titanium metallic
ISM 611-8/4-0 GM	Info sign module	Graphite brown metallic
ISM 611-8/4-0 TM	Info sign module	Titanium metallic
ISM 611-9/1-0 GM	Info sign module	Graphite brown metallic
ISM 611-9/1-0 TM	Info sign module	Titanium metallic
ISM 611-9/2-0 GM	Info sign module	Graphite brown metallic
ISM 611-9/2-0 TM	Info sign module	Titanium metallic

Article designation	Article description	Colour
ISM 611-9/3-0 GM	Info sign module	Graphite brown metallic
ISM 611-9/3-0 TM	Info sign module	Titanium metallic
ISM 611-9/4-0 GM	Info sign module	Graphite brown metallic
ISM 611-9/4-0 TM	Info sign module	Titanium metallic
IT 611-5	Interface door	Miscellaneous
IT 612-5	Interface door	Miscellaneous
KLC 640-0	Card reading controller	Black
KR 611-1/1-0 GM	Combination frame	Graphite brown metallic
KR 611-1/1-0 TM	Combination frame	Titanium metallic
KR 611-2/1-0 GM	Combination frame	Graphite brown metallic
KR 611-2/1-0 TM	Combination frame	Titanium metallic
KR 611-2/2-0 GM	Combination frame	Graphite brown metallic
KR 611-2/2-0 TM	Combination frame	Titanium metallic
KR 611-3/1-0 GM	Combination frame	Graphite brown metallic
KR 611-3/1-0 TM	Combination frame	Titanium metallic
KR 611-3/2-0 GM	Combination frame	Graphite brown metallic
KR 611-3/2-0 TM	Combination frame	Titanium metallic
KR 611-3/3-0 GM	Combination frame	Graphite brown metallic
KR 611-3/3-0 TM	Combination frame	Titanium metallic
KR 611-4/1-0 GM	Combination frame	Graphite brown metallic
KR 611-4/1-0 TM	Combination frame	Titanium metallic
KR 611-4/2-0 GM	Combination frame	Graphite brown metallic
KR 611-4/2-0 TM	Combination frame	Titanium metallic
KR 611-4/3-0 GM	Combination frame	Graphite brown metallic
KR 611-4/3-0 TM	Combination frame	Titanium metallic
KR 611-4/4-0 GM	Combination frame	Graphite brown metallic
KR 611-4/4-0 TM	Combination frame	Titanium metallic
KR 611-5/3-0 GM	Combination frame	Graphite brown metallic
KR 611-5/3-0 TM	Combination frame	Titanium metallic
KR 611-5/4-0 GM	Combination frame	Graphite brown metallic
KR 611-5/4-0 TM	Combination frame	Titanium metallic
KR 611-8/8-0 GM	Combination frame	Graphite brown metallic
KR 611-8/8-0 TM	Combination frame	Titanium metallic
KR 611-9/4-0 A GM	Combination frame	Graphite brown metallic
KR 611-9/4-0 A TM	Combination frame	Titanium metallic
KR 611-9/8-0 A GM	Combination frame	Graphite brown metallic
KR 611-9/8-0 A TM	Combination frame	Titanium metallic
KSA 602-0 GM	Surface-mount communication display	Graphite brown metallic
KSA 602-0 TM	Surface-mount communication display	Titanium metallic
KSA 603-0 GM	Surface-mount communication display	Graphite brown metallic
KSA 603-0 TM	Surface-mount communication display	Titanium metallic
KSA 604-0 GM	Surface-mount communication display	Graphite brown metallic
KSA 604-0 TM	Surface-mount communication display	Titanium metallic
KSA 605-0 GM	Surface-mount communication display	Graphite brown metallic
KSA 605-0 TM	Surface-mount communication display	Titanium metallic

## Discontinued articles, replacement/extension

Article designation	Article description	Colour
KSA 613-1/0/2-0 GM	Surface-mount communication display	Graphite brown metallic
KSA 613-1/0/2-0 TM	Surface-mount communication display	Titanium metallic
KSA 616-1/1/3-0 GM	Surface-mount communication display	Graphite brown metallic
KSA 616-1/1/3-0 TM	Surface-mount communication display	Titanium metallic
KSA 619-2/1/4-0 GM	Surface-mount communication display	Graphite brown metallic
KSA 619-2/1/4-0 TM	Surface-mount communication display	Titanium metallic
KSF 613-1 GM	Free-standing communication pedestal	Graphite brown metallic
KSF 613-1 TM	Free-standing communication pedestal	Titanium metallic
KSF 613-2 GM	Free-standing communication pedestal	Graphite brown metallic
KSF 613-2 TM	Free-standing communication pedestal	Titanium metallic
KSF 613-3 GM	Free-standing communication pedestal	Graphite brown metallic
KSF 613-3 TM	Free-standing communication pedestal	Titanium metallic
KSF 613-4 GM	Free-standing communication pedestal	Graphite brown metallic
KSF 613-4 TM	Free-standing communication pedestal	Titanium metallic
KSF 616-1/2 GM	Free-standing communication pedestal	Graphite brown metallic
KSF 616-1/2 TM	Free-standing communication pedestal	Titanium metallic
KSF 616-1/3 GM	Free-standing communication pedestal	Graphite brown metallic
KSF 616-1/3 TM	Free-standing communication pedestal	Titanium metallic
KSF 616-1/4 GM	Free-standing communication pedestal	Graphite brown metallic
KSF 616-1/4 TM	Free-standing communication pedestal	Titanium metallic
KSF 616-4 GM	Free-standing communication pedestal	Graphite brown metallic
KSF 616-4 TM	Free-standing communication pedestal	Titanium metallic
KSF 616-5 GM	Free-standing communication pedestal	Graphite brown metallic
KSF 616-5 TM	Free-standing communication pedestal	Titanium metallic
KSF 616-6 GM	Free-standing communication pedestal	Graphite brown metallic
KSF 616-6 TM	Free-standing communication pedestal	Titanium metallic
KSF 616-7 GM	Free-standing communication pedestal	Graphite brown metallic
KSF 616-7 TM	Free-standing communication pedestal	Titanium metallic
KSF 616-8 GM	Free-standing communication pedestal	Graphite brown metallic
KSF 616-8 TM	Free-standing communication pedestal	Titanium metallic
KVM 640-03	Camera supply module	Miscellaneous
LC 640-0	Lift controller	Black

Article designation	Article description	Colour
LM 611-0 GM	Surface area lights	Graphite brown metallic
LM 611-0 SM	Surface area lights	Silver metallic
LM 611-0 TM	Surface area lights	Titanium metallic
LM 611-0 W	Surface area lights	White
MFS 640-0	Universal network filter	Miscellaneous
MOC 711-0 S	Colour monitor	Black
MOC 711-0 SM	Colour monitor	Silver metallic
MOC 711-0 W	Colour monitor	White
MOC 740-0 S	Colour monitor	Black
MOC 740-0 SM	Colour monitor	Silver metallic
MOC 740-0 W	Colour monitor	White
MOCT 711-01 S	Colour monitor touchscreen	Black
MOCT 711-01 SM	Colour monitor touchscreen	Silver metallic
MOCT 711-01 W	Colour monitor touchscreen	White
MOM 611-0 S	Monitor, monochrome	Black
MOM 611-0 W	Monitor, monochrome	White
MOM 711-0 S	Monitor, monochrome	Black
MOM 711-0 SM	Monitor, monochrome	Silver metallic
MOM 711-0 W	Monitor, monochrome	White
MOM 740-0 S	Monitor, monochrome	Black
MOM 740-0 SM	Monitor, monochrome	Silver metallic
MOM 740-0 W	Monitor, monochrome	White
MR 611-1/1-0 GM	Mounting frame	Graphite brown metallic
MR 611-1/1-0 TM	Mounting frame	Titanium metallic
NG 3004-0	Line rectifier	Black
NG 608-0	Line rectifier	Black
NG 640-0	Line rectifier	Black
NMS 640-01	Emergency call signal station	Black
PAC 740-0	Public address controller	Black
PVG 402-0	P.O. amplifier unit	Black
PVG 602-01	P.O. amplifier unit	Black
RG/KSF 611-3 A-R GM	Space-saving letterbox on the free-standing communication column	Graphite brown metallic
RG/KSF 611-3 A-R TM	Space-saving letterbox on the free-standing communication column	Titanium metallic
RG/KSF 611-4 B-L GM	Space-saving letterbox on the free-standing communication column	Graphite brown metallic
RG/KSF 611-4 B-L TM	Space-saving letterbox on the free-standing communication column	Titanium metallic
RG/KSF 611-5 M-R GM	Space-saving letterbox on the free-standing communication column	Graphite brown metallic
RG/KSF 611-5 M-R TM	Space-saving letterbox on the free-standing communication column	Titanium metallic
RG/KSF 611-42 L-R GM	Space-saving letterbox on the free-standing communication column	Graphite brown metallic
RG/KSF 611-42 L-R TM	Space-saving letterbox on the free-standing communication column	Titanium metallic
RG/KSF 611-44 B-R GM	Space-saving letterbox on the free-standing communication column	Graphite brown metallic
RG/KSF 611-44 B-R TM	Space-saving letterbox on the free-standing communication column	Titanium metallic
RG/KSF 611-70 K-R GM	Space-saving letterbox on the free-standing communication column	Graphite brown metallic
RG/KSF 611-70 K-R TM	Space-saving letterbox on the free-standing communication column	Titanium metallic

Article designation	Article description	Colour
RG/KSF 611-100 M-R GM	Space-saving letterbox on the free-standing communication column	Graphite brown metallic
RG/KSF 611-100 M-R TM	Space-saving letterbox on the free-standing communication column	Titanium metallic
RG/SR 611-2/1 GM	Space-saving letterbox with removal from the front	Graphite brown metallic
RG/SR 611-2/1 TM	Space-saving letterbox with removal from the front	Titanium metallic
RG/SR 611-2/2 GM	Space-saving letterbox with removal from the front	Graphite brown metallic
RG/SR 611-2/2 TM	Space-saving letterbox with removal from the front	Titanium metallic
RG/SR 611-3/1 TM	Space-saving letterbox with removal from the front	Titanium metallic
RG/SR 611-3/1 GM	Space-saving letterbox with removal from the front	Graphite brown metallic
RG/SR 611-4/2 GM	Space-saving letterbox with removal from the front	Graphite brown metallic
RG/SR 611-4/2 TM	Space-saving letterbox with removal from the front	Titanium metallic
RG/SR 611-8/0 GM	Space-saving letterbox with removal from the front	Graphite brown metallic
RG/SR 611-8/0 TM	Space-saving letterbox with removal from the front	Titanium metallic
RG/SR 611-8/2 GM	Space-saving letterbox with removal from the front	Graphite brown metallic
RG/SR 611-8/2 TM	Space-saving letterbox with removal from the front	Titanium metallic
RGA 611-2/1 GM	Surface-mounted space-saving letterbox	Graphite brown metallic
RGA 611-2/1 TM	Surface-mounted space-saving letterbox	Titanium metallic
RGA 611-2/2 GM	Surface-mounted space-saving letterbox	Graphite brown metallic
RGA 611-2/2 TM	Surface-mounted space-saving letterbox	Titanium metallic
RGA 611-3/1 GM	Surface-mounted space-saving letterbox	Graphite brown metallic
RGA 611-3/1 TM	Surface-mounted space-saving letterbox	Titanium metallic
RGA 611-4/0 GM	Surface-mounted space-saving letterbox	Graphite brown metallic
RGA 611-4/0 TM	Surface-mounted space-saving letterbox	Titanium metallic
RGA 611-4/1 GM	Surface-mounted space-saving letterbox	Graphite brown metallic
RGA 611-4/1 TM	Surface-mounted space-saving letterbox	Titanium metallic
RGA 611-6/2 GM	Surface-mounted space-saving letterbox	Graphite brown metallic
RGA 611-6/2 TM	Surface-mounted space-saving letterbox	Titanium metallic
RGA 611-8/0 GM	Surface-mounted space-saving letterbox	Graphite brown metallic
RGA 611-8/0 TM	Surface-mounted space-saving letterbox	Titanium metallic
SAC 640-0	Collective call controller	Black
SCE 640-0	Switching controller extension	Black
SCO 740-0	System controller	Miscellaneous
SET CV 850-1 BS/W	Compact video set	Brilliant silver/white
SET CV 850-2 BS/W	Compact video set	Brilliant silver/white

Article designation	Article description	Colour
SET CVF 850-1 BS/W	Compact video set with handsfree telephone	Brilliant silver/white
SET CVF 850-2 BS/W	Compact video set with handsfree telephone	Brilliant silver/white
SH 640-01 S	Service hand set	Black
SM 611-01 GM	Lock module	Graphite brown metallic
SM 611-01 TM	Lock module	Titanium metallic
STG 640-01	Control unit	Miscellaneous
STS 711-2	Replacement door station SET 711-...	Miscellaneous
SVG 641-0	Speech channel supply unit	Miscellaneous
TB 611-01	LED button module lighting	Miscellaneous
TLC 640-02	Door loudspeaker controller	Black
TLE 640-0	Custom-fit door loudspeaker	Black
TLM 512-0 B	Door loudspeaker module 1+n	Brown
TLM 512-0 T	Door loudspeaker module 1+n	Titanium metallic
TLM 512-0 W	Door loudspeaker module 1+n	White
TLM 611-02 GM	Door loudspeaker module 6+n	Graphite brown metallic
TLM 611-02 TM	Door loudspeaker module 6+n	Titanium metallic
TLM 612-02 GM	Door loudspeaker module	Graphite brown metallic
TLM 612-02 TM	Door loudspeaker module	Titanium metallic
TLM 645-02 BG	Door loudspeaker module Multi	Micaceous amber
TLM 645-02 DG	Door loudspeaker module Multi	Micaceous dark grey
TLM 645-02 GM	Door loudspeaker module Multi	Graphite brown metallic
TLM 645-02 SH	Door loudspeaker module Multi	High gloss black
TLM 645-02 SM	Door loudspeaker module Multi	Silver metallic
TLM 645-02 TM	Door loudspeaker module Multi	Titanium metallic
TLM 645-02 W	Door loudspeaker module Multi	White
TLM 645-02 WH	Door loudspeaker module Multi	High gloss white
TLM/LL 611-02 GM	Door loudspeaker module Line Level	Graphite brown metallic
TLM/LL 611-02 TM	Door loudspeaker module Line Level	Titanium metallic
TLM/TK 511-0 B	Door loudspeaker module telecommunication	Brown
TLM/TK 511-0 T	Door loudspeaker module telecommunication	Titanium metallic
TLM/TK 511-0 W	Door loudspeaker module telecommunication	White
TLM/TK 611-02 GM	Door loudspeaker module telecommunication	Graphite brown metallic
TLM/TK 611-02 TM	Door loudspeaker module telecommunication	Titanium metallic
TM 511-01 B	Call button module	Brown
TM 511-01 T	Call button module	Titanium metallic
TM 511-01 W	Call button module	White
TM 511-02 B	Call button module	Brown
TM 511-02 T	Call button module	Titanium metallic
TM 511-02 W	Call button module	White
TM 511-03 B	Call button module	Brown
TM 511-03 T	Call button module	Titanium metallic
TM 511-03 W	Call button module	White
TM 511-04 B	Call button module	Brown
TM 511-04 T	Call button module	Titanium metallic
TM 511-04 W	Call button module	White

## Discontinued articles, replacement/extension

Article designation	Article description	Colour
TM 611-01 GM	Call button module	Graphite brown metallic
TM 611-01 SM	Call button module	Silver metallic
TM 611-01 TM	Call button module	Titanium metallic
TM 611-01 W	Call button module	White
TM 611-02 GM	Call button module	Graphite brown metallic
TM 611-02 SM	Call button module	Silver metallic
TM 611-02 TM	Call button module	Titanium metallic
TM 611-02 W	Call button module	White
TM 611-03 GM	Call button module	Graphite brown metallic
TM 611-03 SM	Call button module	Silver metallic
TM 611-03 TM	Call button module	Titanium metallic
TM 611-03 W	Call button module	White
TM 611-04 GM	Call button module	Graphite brown metallic
TM 611-04 SM	Call button module	Silver metallic
TM 611-04 TM	Call button module	Titanium metallic
TM 611-04 W	Call button module	White
TM 612-1 GM	Call button module	Graphite brown metallic
TM 612-1 TM	Call button module	Titanium metallic
TM 612-2 GM	Call button module	Graphite brown metallic
TM 612-2 TM	Call button module	Titanium metallic
TM 612-3 GM	Call button module	Graphite brown metallic
TM 612-3 TM	Call button module	Titanium metallic
TM 612-4 GM	Call button module	Graphite brown metallic
TM 612-4 TM	Call button module	Titanium metallic
TME 645-01 GM	Call button module extension	Graphite brown metallic
TME 645-01 TM	Call button module extension	Titanium metallic
TÖ 625-0 R	Door release	Miscellaneous
TÖ 626-0 L	Door release	Miscellaneous
TÖ 626-0 R	Door release	Miscellaneous
UG 503-0	Switching unit	Black
VAR 602-0	Video interfacing relay	Miscellaneous
VBE 650-0 S	Video bus receiver	Black
VBE 650-0 SM	Video bus receiver	Silver metallic
VBE 650-0 W	Video bus receiver	White
VBS 650-0	Video bus transmitter	Miscellaneous
VBSG 650-0	Video bus supply unit	Miscellaneous
VBU 644-0	Video bus switching unit	Miscellaneous
VBV 642-0	Two-way video distributor	Miscellaneous
VBV 650-0	Video bus distributor	Miscellaneous
VCO 740-0	Video controller	Miscellaneous
VE 511-0	Video receiver	Miscellaneous
VKS 644-0	Video crossbar module	Silver
VS 611-0	Video 2-wire transmitter	Miscellaneous
VSM 960-01 S	Multifunction module	Black
VSM 960-01 SM	Multifunction module	Silver metallic
VSM 960-01 W	Multifunction module	White
VSU 640-0	Video switchover unit	Miscellaneous
VT 611-0	Video door station	Miscellaneous
VV 511-0	Video distributor	Miscellaneous
ZA 740-0	Amplifier accessory	Miscellaneous

Article designation	Article description	Colour
ZAR 740-0	Interfacing relay accessory	Miscellaneous
ZBVSG 650-0	Bus video control unit accessory	Miscellaneous
ZCLK 740-0	Radio reception DCF77	Grey
ZD 502-0	Accessory diode	Miscellaneous
ZD 512-4	Accessory diode	Miscellaneous
ZE 601-0	Accessory energy-saving switch	Miscellaneous
ZE 640-0	Accessory energy-saving switch	Miscellaneous
ZERT 711-0	Storey call accessory	Miscellaneous
ZFN 640-0 S	Radio emergency call accessory	Black
ZFN 640-0 W	Radio emergency call accessory	White
ZGO 611-0	Chime accessory	Miscellaneous
ZLA 611-0	Accessory lamp	Miscellaneous
ZLW 611-0	Accessory bell	Miscellaneous
ZM 611-0	Accessory audio privacy device	Miscellaneous
ZMC 740-0	Microphone connection	Miscellaneous
ZMF 640-0/16 S	Table-top accessory	Black
ZMF 640-0/16 SM	Table-top accessory	Silver metallic
ZMF 640-0/16 W	Table-top accessory	White
ZMO 611-0/1 S	Table-top accessory	Black
ZMO 611-0/1 W	Table-top accessory	White
ZMO 611-01 S	Table-top accessory	Black
ZMO 611-01 W	Table-top accessory	White
ZMO 640-0	Ribbon cable accessory	Miscellaneous
ZMO 711-0 S	Table-top accessory	Black
ZMO 711-0 W	Table-top accessory	White
ZMO 740-0	Ribbon cable accessory	Miscellaneous
ZSCH 611-0 S	Switch accessory	Black
ZSCH 611-0 W	Switch accessory	White
ZSCH 711-01 S	Switch accessory	Black
ZSCH 711-01 W	Switch accessory	White
ZSI 640-0	Fuse Accessory	Miscellaneous
ZSU 611-0	Buzzer accessory	Miscellaneous
ZT 611-0 S	Table-top accessory	Black
ZT 611-0 SM	Table-top accessory	Silver metallic
ZT 611-0 W	Table-top accessory	White
ZT 611-02/24 W	Table-top accessory	White
ZT 611-02/24 S	Table-top accessory	Black
ZT 644-0/16 S	Table-top accessory	Black
ZT 644-0/16 SM	Table-top accessory	Silver metallic
ZT 644-0/16 W	Table-top accessory	White
ZT 711-0/4 S	Table-top accessory	Black
ZT 711-0/4 SM	Table-top accessory	Silver metallic
ZT 711-0/4 W	Table-top accessory	White
ZT 711-01/16 S	Table-top accessory	Black
ZT 711-01/16 SM	Table-top accessory	Silver metallic
ZT 711-01/16 W	Table-top accessory	White

Article designation	Article description	Colour
ZT 840-0	Table-top accessory	Translucent
ZTA 611-0 S	Button accessory	Black
ZTA 611-0 W	Button accessory	White
ZTCV 811-0	Table-top accessory video	Translucent
ZTM 3004-0	Call button module accessory	Miscellaneous
ZTMO 650-0 S	Table-top accessory	Black
ZTMO 650-0 SM	Table-top accessory	Silver metallic
ZTMO 650-0 W	Table-top accessory	White
ZTMO 711-0 S	Table-top accessory	Black
ZTMO 711-0 SM	Table-top accessory	Silver metallic
ZTMO 711-0 W	Table-top accessory	White
ZTSV 811-0	Standard table-top accessory	Translucent
ZTSV 840-0	Standard table-top accessory	Translucent
ZTSV 850-0	Standard table-top accessory	Translucent
ZTV 840-0	Table-top accessory	Translucent
ZUR 3000-1 S	Flush mounting frame accessory	Black
ZUR 3000-1 SM	Flush mounting frame accessory	Silver metallic
ZUR 3000-1 W	Flush mounting frame accessory	White
ZUR 3000-2 S	Flush mounting frame accessory	Black
ZUR 3000-2 W	Flush mounting frame accessory	White
ZUR 3000-3 S	Flush mounting frame accessory	Black
ZUR 3000-3 SM	Flush mounting frame accessory	Silver metallic
ZUR 3000-3 W	Flush mounting frame accessory	White
ZUR 3000-4 S	Flush mounting frame accessory	Black
ZUR 3000-4 W	Flush mounting frame accessory	White
ZUR 3000-5 S	Flush mounting frame accessory	Black
ZUR 3000-5 W	Flush mounting frame accessory	White
ZUR 3000-6 S	Flush mounting frame accessory	Black
ZUR 3000-6 W	Flush mounting frame accessory	White
ZUR 611-01 S	Flush mounting frame accessory	Black
ZUR 611-01 SM	Flush mounting frame accessory	Silver metallic
ZUR 611-01 W	Flush mounting frame accessory	White
ZVM 711-02	Video memory module accessory	Miscellaneous
ZWA 640-0	Western socket accessory	Grey

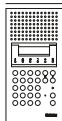
## Spare parts

Designation	Colour	Article no.
<b>TL 111-...</b>		
<b>TL 121-...</b>		
Double-hole screw M5x15 S	Silver	002239
Double-hole screw M5x35 B	Dark bronze	006341
Dual-hole screwdriver Portavox TL 111/TL 411	Miscellaneous	000169
Hinge for letter flap left BK 411-0	Miscellaneous	203484
Hinge for letter flap right BK 411-0	Miscellaneous	203485
Leaf spring for letter flap BK 411-0	Miscellaneous	003525
Loudspeaker L2 TL 111-.../TL 121-.../TL 411-...	Miscellaneous	001803
Microphone M4 TL 111-.../TL 121-.../TL 411-...	Miscellaneous	005318
Viewing window for letter flap TL 411-...	Clear glass	000198
<b>Vario 511-...</b>		
Circuit board TLM 512-0	Miscellaneous	015517
Circuit board TLM 521-01	Miscellaneous	029100
Complete nameplate TM 511-01 B	Smoke coloured	007035
Complete nameplate TM 511-01 W	Clear glass	007031
Complete nameplate TM 511-02 B	Smoke coloured	007036
Complete nameplate TM 511-02 W	Clear glass	007032
Complete nameplate TM 511-03 B	Smoke coloured	007037
Complete nameplate TM 511-03 W	Clear glass	007033
Complete nameplate TM 511-04 B	Smoke coloured	007038
Complete nameplate TM 511-04 W	Clear glass	007034
Key for information module IM 511-0	Brass	005209
Key for mounting frame MR 511/512/513/514/524-...	Silver	005162
Lampholder for tubular lamp IM/TM 511-01	White	007029
Loudspeaker Vario 5198 TLE/TLM 511-.../522-...	Miscellaneous	008558
Louvre for door loudspeaker module TLM 511-01 B	Brown	012095
Louvre for door loudspeaker module TLM 511-01 W	White	112096
Louvre for door loudspeaker module TLM 511/522 T	Titanium metallic	014733
Louvre for door loudspeaker module TLM 512-0 B	Brown	015516
Louvre for door loudspeaker module TLM 512-0 T	Titanium metallic	015515
Louvre for door loudspeaker module TLM 512-0 W	White	015514
Microphone TLM 511-0	Miscellaneous	011475
Microphone TLM 511-01	Miscellaneous	011800
Removal door without lock BKM 514-01 B	Brown	208571
Removal door without lock BKM 514-01 T	Titanium metallic	014823
Restoring spring letter flap BE 513-0	Miscellaneous	015484
Screw for mounting frame M4x25	Miscellaneous	008042
MR 511/512/513/514/524-...		
Spare lock BKM 514-01 B/T	Black	013063
Spare lock BKM 514-01 W	Miscellaneous	013061
Spare lock BKM/BKS 513-...	Miscellaneous	001426
Tubular lamp 12V/15W LM 511	Miscellaneous	009097
Tubular lamp 18V/3W TM/MM 511-0	Miscellaneous	000187
Tubular lamp 6V KAM 511-0	Miscellaneous	012053
<b>TL 352-...</b>		
Circuit board TL 352-4 B	Miscellaneous	111025
<b>TLE 051-...</b>		
Loudspeaker TLE 051-.../TL 352-...	Miscellaneous	009139
Microphone TLE 051-.../TLM 521-...	Miscellaneous	029839

Designation	Colour	Article no.
<b>TLE 061-.../BTLE 050-...</b>		
Loudspeaker TLM 611/612/640/650-...	Miscellaneous	029074
Microphone TLE 061-0	Miscellaneous	017559
<b>Siedle Classic CL...-01</b>		
Nameplate superstructure CL Siedle Classic	Clear glass	035326
<b>Siedle Classic CL...-02</b>		
Nameplate superstructure Call button CL 02 Siedle Classic (3 pcs.)	Clear glass	029966
Nameplate superstructure Letter flap CL 02 Siedle Classic	Clear glass	029967
<b>CTB 711-... STS 711-...</b>		
Circuit board and housing base STS 711-...	Miscellaneous	121571
Complete key pad CTB 711-2	Clear glass	021565
Complete key pad CTB 711-4/8	Clear glass	021566
Complete key pad SET 711-1/2	Clear glass	021569
Info cassette SET 711-...	Clear glass	021570
Info sign superstructure CTB 711-2/4	Clear glass	021567
Loudspeaker CTB 711-.../SET 711-...	Miscellaneous	019226
Microphone CTB 711-.../SET 711-...	Miscellaneous	019224
Shutter CTL 711-... SM	Silver metallic	029838
Shutter CTL 711-... W	White	029837
<b>CMM 511-... CMC 511-...</b>		
Glass cover CMC/CMM 511-...	Clear glass	014244
Lamp set CMC/CMM 511-.../611-...	Miscellaneous	014715
Light insert CMC/CMM 511-...	Miscellaneous	021732
Screen frame CMM/CMC 511 T	Titanium metallic	013592
Screen frame CMM/CMC 511 W	White	013626
<b>MOM 611-...</b>		
Fastening accessory MFM/MO 611-...	Miscellaneous	007785



Designation	Colour	Article no.
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**SIC 3000-...**

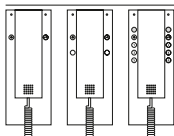
Loudspeaker SIC 3000-...	Miscellaneous	007115
Microphone SIC 3000-...	Miscellaneous	007108

**HT 611-...****HT 631-...****ZS 932-...**

Circuit board HT 611-01	Miscellaneous	005878
Circuit board HT 631-01	Miscellaneous	022217
Circuit board ZS 932-0	Miscellaneous	006916
DC buzzer 12V HT 611-.../ZS 932-...	Miscellaneous	006912
Housing base plate HT 611-01 S	Black	212201
Housing base plate HT 611-01 W	White	212608
Housing superstructure HT 611-01 S	Black	005867
Housing superstructure HT 611-01 W	White	005866
Loudspeaker ZER/ZGO 611-...	Miscellaneous	013064
Microphone HT 611-01	Miscellaneous	005874
No-tangle cord HT 611-01 S	Black	012191
No-tangle cord HT 611-01 W	White	012587
Receiver capsule HT 611-01	Miscellaneous	005876
Receiver cradle HT 611-01 S	Black	012193
Receiver cradle HT 611-01 W	White	012607
Receiver with no-tangle cord HT 611-01 S	Black	005882
Receiver with no-tangle cord HT 611-01 W	White	005881
Transparent cover with insert HT 611-...	Clear glass	005871

**MFM 932-...**

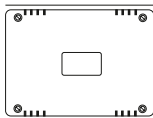
Circuit board MFM 932-5	Miscellaneous	006906
Fastening accessory MFM/MO 611-...	Miscellaneous	007785

**HTS 711-...****HTC 711-...****HTA 711-...****BTS 750-...****BTC 750-...**

Circuit board BTC 750-02/03	Miscellaneous	032023
Circuit board BTS 750-02	Miscellaneous	032003
Circuit board HTA 711-...	Miscellaneous	014802
Circuit board HTC 711-0	Miscellaneous	315510
Circuit board HTS 711-01	Miscellaneous	019450
Fastening accessory MFM/MO 611-...	Miscellaneous	007785
Housing superstructure BHT 730-.../HTA 711-... S	Black	017556
Housing superstructure BHT 730-.../HTA 711-... W	White	017555
Housing superstructure BTC/HTC 711-0 S	Black	017554
Housing superstructure BTC/HTC 711-0 W	White	017553
Housing superstructure BTS/HTS 711-0 S	Black	017552
Housing superstructure BTS/HTS 711-0 W	White	017551
Insert for button functions HTC 711-0	White	015512
Loudspeaker HTA 711-...	Miscellaneous	017557
No-tangle cord HT 711-0 S	Black	017785
No-tangle cord HT 711-0 W	White	017786
Receiver without no-tangle cord HTS/HTC/HTA 711-..., BTS/BTC 750-... SM	Silver metallic	130404
Receiver without no-tangle cord HTS/HTC/HTA 711-..., BTS/BTC 750-... W	White	115505

Designation	Colour	Article no.
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Receiver without no-tangle cord HTS/HTC/HTA 711-..., BTS/BTC 750-...S	Black	115506
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**SZ 911a-...**

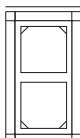
Circuit board BE 910A-0	Miscellaneous	001482
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**MFM 611-...**

Fastening accessory MFM/MO 611-...	Miscellaneous	007785
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**Vario 611-...****Door loudspeaker module**

Light button with light symbol TLM 611/612-01 GM	Graphite brown metallic	029097
Light button with light symbol TLM 611/612-01 SM	Silver metallic	029098
Light button with light symbol TLM 611/612-01 TM	Titanium metallic	029099
Light button with light symbol TLM 611/612-01 W	White	029096
Light button with light symbol TLM 611/612-01, BTLM 650 BG	Micaceous amber	029979
Light button with light symbol TLM 611/612-01, BTLM 650 SH	High gloss black	029978
Light button with light symbol TLM 611/612-01, BTLM 650 WH	High gloss white	029977
Light button with light symbol TLM 611/612-01, BTLM 650 DG	Micaceous dark grey	029980
Loudspeaker TLM 611/612/640/650-...	Miscellaneous	029074
Terminal block ATLM 670-...	Black	029835
Terminal block BTLM 650-...	Black	029523
Terminal block TLM 611-...	Black	116574
Terminal block TLM 612-...	Black	116026

**Vario 611-...****Combination frame and Mounting frame**

Key for mounting frame MR 611-...	Miscellaneous	015599
Repair paint Vario 611 BG	Micaceous amber	039945
Repair paint Vario 611 DG	Micaceous dark grey	039946
Repair paint Vario 611 GM	Graphite brown metallic	039939
Repair paint Vario 611 SH	High gloss black	039943
Repair paint Vario 611 SM	Silver metallic	039937
Repair paint Vario 611 TM	Titanium metallic	039938
Repair paint Vario 611 W	White	039936
Repair paint Vario 611 WH	High gloss white	039944

**Vario 611-...****Call button module LED illuminated with 1 Bell button**

Bell button with bell symbol TM 612-1/-2 BTM 650-01/02 BG	Micaceous amber	029937
Bell button with bell symbol TM 612-1/-2 BTM 650-01/02 DG	Micaceous dark grey	029939

## Spare parts

Designation	Colour	Article no.
Bell button with bell symbol TM 612-1/-2 BTM 650-01/02 GM	Graphite brown metallic	029799
Bell button with bell symbol TM 612-1/-2 BTM 650-01/02 SH	High gloss black	029935
Bell button with bell symbol TM 612-1/-2 BTM 650-01/02 SM	Silver metallic	029800
Bell button with bell symbol TM 612-1/-2 BTM 650-01/02 TM	Titanium metallic	029801
Bell button with bell symbol TM 612-1/-2 BTM 650-01/02 W	White	029802
Bell button with bell symbol TM 612-1/-2 BTM 650-01/02 WH	High gloss white	029933
Bell button with bell symbol TM 612-1/BTM 650-01 BG	Micaceous amber	029936
Bell button with bell symbol TM 612-1/BTM 650-01 DG	Micaceous dark grey	029938
Bell button with bell symbol TM 612-1/BTM 650-01 GM	Graphite brown metallic	034796
Bell button with bell symbol TM 612-1/BTM 650-01 SH	High gloss black	029934
Bell button with bell symbol TM 612-1/BTM 650-01 SM	Silver metallic	034797
Bell button with bell symbol TM 612-1/BTM 650-01 TM	Titanium metallic	034795
Bell button with bell symbol TM 612-1/BTM 650-01 W	White	034794
Bell button with bell symbol TM 612-1/BTM 650-01 WH	High gloss white	029932
Complete nameplate TM 612-1/BTM 650-01 BG	Micaceous amber	029950
Complete nameplate TM 612-1/BTM 650-01 DG	Micaceous dark grey	029951
Complete nameplate TM 612-1/BTM 650-01 GM	Graphite brown metallic	029783
Complete nameplate TM 612-1/BTM 650-01 SH	High gloss black	029949
Complete nameplate TM 612-1/BTM 650-01 SM	Silver metallic	029784
Complete nameplate TM 612-1/BTM 650-01 TM	Titanium metallic	029785
Complete nameplate TM 612-1/BTM 650-01 W	White	029786
Complete nameplate TM 612-1/BTM 650-01 WH	High gloss white	029948
Nameplate insert TM 611-1	White	015824
Terminal block TM 612-1	Black	035571
<b>Call button module with Soffittenlampe illuminated, 1 Bell button</b>		
Adapter for bus call button module BTM 650-1/-4	Black	029524
Bell button with bell symbol TM 611-01/-02 GM	Graphite brown metallic	029089
Bell button with bell symbol TM 611-01/-02 SM	Silver metallic	029090
Bell button with bell symbol TM 611-01/-02 TM	Titanium metallic	029091
Bell button with bell symbol TM 611-01/-02 W	White	029088
Bell button with bell symbol TM 612-1/BTM 650-01 GM	Graphite brown metallic	034796
Bell button with bell symbol TM 612-1/BTM 650-01 SM	Silver metallic	034797
Bell button with bell symbol TM 612-1/BTM 650-01 TM	Titanium metallic	034795
Bell button with bell symbol TM 612-1/BTM 650-01 W	White	034794
Complete nameplate TM 611-1 GM	Graphite brown metallic	029035
Complete nameplate TM 611-1 SM	Silver metallic	029037
Complete nameplate TM 611-1 TM	Titanium metallic	029036
Complete nameplate TM 611-1 W	White	029038
Lampholder for tubular lamp TM 611-0	White	015630
Nameplate insert TM 611-1	White	015824
Terminal block TM 611-1	Black	015899
Tubular lamp 18V/3W TM/IM 611-0	Miscellaneous	015762

**Vario 611-...****Call button module LED illuminated with 2 Bell buttons**

Bell button with bell symbol TM 612-1/-2 BTM 650-01/02 BG	Micaceous amber	029937
Bell button with bell symbol TM 612-1/-2 BTM 650-01/02 DG	Micaceous dark grey	029939
Bell button with bell symbol TM 612-1/-2 BTM 650-01/02 GM	Graphite brown metallic	029799

Designation	Colour	Article no.
Bell button with bell symbol TM 612-1/-2 BTM 650-01/02 SH	High gloss black	029935
Bell button with bell symbol TM 612-1/-2 BTM 650-01/02 SM	Silver metallic	029800
Bell button with bell symbol TM 612-1/-2 BTM 650-01/02 TM	Titanium metallic	029801
Bell button with bell symbol TM 612-1/-2 BTM 650-01/02 W	White	029802
Bell button with bell symbol TM 612-1/-2 BTM 650-01/02 WH	High gloss white	029933
Complete nameplate TM 612-2/BTM 650-02 BG	Micaceous amber	029954
Complete nameplate TM 612-2/BTM 650-02 DG	Micaceous dark grey	029955
Complete nameplate TM 612-2/BTM 650-02 GM	Graphite brown metallic	029787
Complete nameplate TM 612-2/BTM 650-02 SH	High gloss black	029953
Complete nameplate TM 612-2/BTM 650-02 SM	Silver metallic	029788
Complete nameplate TM 612-2/BTM 650-02 TM	Titanium metallic	029789
Complete nameplate TM 612-2/BTM 650-02 W	White	029790
Complete nameplate TM 612-2/BTM 650-02 WH	High gloss white	029952
Nameplate insert TM 611-2	White	015825
Terminal block TM 612-2	Black	035572
<b>Call button module with Soffittenlampe illuminated, 2 Bell buttons</b>		
Adapter for bus call button module BTM 650-1/-4	Black	029524
Bell button with bell symbol TM 611-01/-02 GM	Graphite brown metallic	029089
Bell button with bell symbol TM 611-01/-02 SM	Silver metallic	029090
Bell button with bell symbol TM 611-01/-02 TM	Titanium metallic	029091
Bell button with bell symbol TM 611-01/-02 W	White	029088
Complete nameplate TM 611-2 GM	Graphite brown metallic	029039
Complete nameplate TM 611-2 SM	Silver metallic	029041
Complete nameplate TM 611-2 TM	Titanium metallic	029040
Complete nameplate TM 611-2 W	White	029042
Lampholder for tubular lamp TM 611-0	White	015630
Nameplate insert TM 611-2	White	015825
Terminal block TM 611-2	Black	016033
Tubular lamp 18V/3W TM/IM 611-0	Miscellaneous	015762

**Vario 611-...****Call button module LED illuminated with 3 Bell buttons**

Bell button with bell symbol TM 612-3/BTM 650-03 BG	Micaceous amber	029942
Bell button with bell symbol TM 612-3/BTM 650-03 DG	Micaceous dark grey	029943
Bell button with bell symbol TM 612-3/BTM 650-03 GM	Graphite brown metallic	029803
Bell button with bell symbol TM 612-3/BTM 650-03 SH	High gloss black	029941
Bell button with bell symbol TM 612-3/BTM 650-03 SM	Silver metallic	029804
Bell button with bell symbol TM 612-3/BTM 650-03 TM	Titanium metallic	029805
Bell button with bell symbol TM 612-3/BTM 650-03 W	White	029806
Bell button with bell symbol TM 612-3/BTM 650-03 WH	High gloss white	029940
Complete nameplate TM 612-3/BTM 650-03 BG	Micaceous amber	029958
Complete nameplate TM 612-3/BTM 650-03 DG	Micaceous dark grey	029959
Complete nameplate TM 612-3/BTM 650-03 GM	Graphite brown metallic	029791
Complete nameplate TM 612-3/BTM 650-03 SH	High gloss black	029957
Complete nameplate TM 612-3/BTM 650-03 SM	Silver metallic	029792



Designation	Colour	Article no.
Complete nameplate TM 612-3/BTM 650-03 TM	Titanium metallic	029793
Complete nameplate TM 612-3/BTM 650-03 W	White	029794
Complete nameplate TM 612-3/BTM 650-03 WH	High gloss white	029956
Nameplate insert TM 611-3	White	015826
Terminal block TM 612-3	Black	035573
<b>Call button module with Soffittenlampe illuminated, 3 Bell buttons</b>		
Adapter for bus call button module BTM 650-1/-4	Black	029524
Bell button with bell symbol TM 611-03 GM	Graphite brown metallic	029093
Bell button with bell symbol TM 611-03 SM	Silver metallic	029094
Bell button with bell symbol TM 611-03 TM	Titanium metallic	029095
Bell button with bell symbol TM 611-03 W	White	029092
Complete nameplate TM 611-3 GM	Graphite brown metallic	029043
Complete nameplate TM 611-3 SM	Silver metallic	029045
Complete nameplate TM 611-3 TM	Titanium metallic	029044
Complete nameplate TM 611-3 W	White	029046
Lampholder for tubular lamp TM 611-0	White	015630
Nameplate insert TM 611-3	White	015826
Terminal block TM 611-3	Black	016572
Tubular lamp 18V/3W TM/IM 611-0	Miscellaneous	015762

**Vario 611-...****Call button module LED illuminated with 4 Bell buttons**

Bell button with bell symbol TM 612-4/BTM 650-04 BG	Micaceous amber	029946
Bell button with bell symbol TM 612-4/BTM 650-04 DG	Micaceous dark grey	029947
Bell button with bell symbol TM 612-4/BTM 650-04 GM	Graphite brown metallic	029807
Bell button with bell symbol TM 612-4/BTM 650-04 SH	High gloss black	029945
Bell button with bell symbol TM 612-4/BTM 650-04 SM	Silver metallic	029808
Bell button with bell symbol TM 612-4/BTM 650-04 TM	Titanium metallic	029809
Bell button with bell symbol TM 612-4/BTM 650-04 W	White	029810
Bell button with bell symbol TM 612-4/BTM 650-04 WH	High gloss white	029944
Complete nameplate TM 612-4/BTM 650-04 BG	Micaceous amber	029962
Complete nameplate TM 612-4/BTM 650-04 DG	Micaceous dark grey	029963
Complete nameplate TM 612-4/BTM 650-04 GM	Graphite brown metallic	029795
Complete nameplate TM 612-4/BTM 650-04 SH	High gloss black	029961
Complete nameplate TM 612-4/BTM 650-04 SM	Silver metallic	029796
Complete nameplate TM 612-4/BTM 650-04 TM	Titanium metallic	029797
Complete nameplate TM 612-4/BTM 650-04 W	White	029798
Complete nameplate TM 612-4/BTM 650-04 WH	High gloss white	029960
Nameplate insert TM 611-4	White	015827
Terminal block TM 612-4	Black	035574

**Call button module with Soffittenlampe illuminated, 4 Bell buttons**

Adapter for bus call button module BTM 650-1/-4	Black	029524
Bell button with bell symbol TM 611-04 GM	Graphite brown metallic	029085
Bell button with bell symbol TM 611-04 SM	Silver metallic	029086
Bell button with bell symbol TM 611-04 TM	Titanium metallic	029087
Bell button with bell symbol TM 611-04 W	White	029084
Complete nameplate TM 611-4 GM	Graphite brown metallic	029047
Complete nameplate TM 611-4 SM	Silver metallic	029049
Complete nameplate TM 611-4 TM	Titanium metallic	029048
Complete nameplate TM 611-4 W	White	029050
Lampholder for tubular lamp TM 611-0	White	015630
Nameplate insert TM 611-4	White	015827
Terminal block TM 611-4	Black	016573

Designation	Colour	Article no.
Tubular lamp 18V/3W TM/IM 611-0	Miscellaneous	015762

**Vario 611-...****Information module LED illuminated**

Info cassette IM 612-... GM	Graphite brown metallic	029828
Info cassette IM 612-... SM	Silver metallic	029826
Info cassette IM 612-... TM	Titanium metallic	029827
Info cassette IM 612-... W	White	029825
Info cassette IM 612-0 BG	Micaceous amber	029974
Info cassette IM 612-0 DG	Micaceous dark grey	029975
Info cassette IM 612-0 SH	High gloss black	029973
Info cassette IM 612-0 WH	High gloss white	029972
Terminal block IM 612-...	Black	029923

**Information module illuminated with Tubular lamp**

Info cassette IM 611-0 GM	Graphite brown metallic	029056
Info cassette IM 611-0 SM	Silver metallic	029058
Info cassette IM 611-0 TM	Titanium metallic	029057
Info cassette IM 611-0 W	White	029059
Lampholder for tubular lamp IM 611-0	White	029034
Terminal block IM 611-...	Black	016570

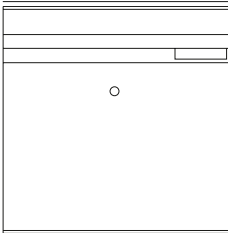
**Vario 611-...****Camera module**

Glass cover BCMC/CMC 650-.../612-...	Clear glass	036408
Glass cover CMC/CMM 611-...	Clear glass	021730
Lamp set CMC/CMM 511-.../611-...	Miscellaneous	014715
Screen frame CMC/CMM 611/612-... BCM/BCMC 650-...BG	Micaceous amber	038707
Screen frame CMC/CMM 611/612-... BCM/BCMC 650-...DG	Micaceous dark grey	038708
Screen frame CMC/CMM 611/612-... BCM/BCMC 650-...GM	Graphite brown metallic	017152
Screen frame CMC/CMM 611/612-... BCM/BCMC 650-...SH	High gloss black	038706
Screen frame CMC/CMM 611/612-... BCM/BCMC 650-...SM	Silver metallic	017153
Screen frame CMC/CMM 611/612-... BCM/BCMC 650-...TM	Titanium metallic	017161
Screen frame CMC/CMM 611/612-... BCM/BCMC 650-...W	White	017151
Screen frame CMC/CMM 611/612-... BCM/BCMC 650-...WH	High gloss white	038705
Terminal block ACM 670-...	Black	029836
Terminal block BCMC/BCMM 650-...	Black	029921
Terminal block CMC/CMM 612-...	Black	029922

**Vario 611-...****Movement sensor module**

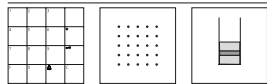
Replacement panel for range reduction BMM 611-...	Clear glass	031327
Terminal block BMM 611-...	Black	029976

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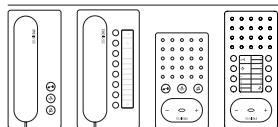
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<b>Vario 611-...</b>		
<b>Siedle Vario letterboxes</b>		
Complete nameplate RGA/RGF 611-...	Clear glass	029521
Nameplate letter flap BE 611-.../BKM611-...	Clear glass	019639
Removal door BKV 611-3/1-0 W	White	029513
Removal door BKV 611-3/2-0 W	White	029514
Removal door BKV 611-3/3-0 W	White	029515
Spare lock BKM 611-...	Miscellaneous	017262
Spare lock BKV 611-...	Miscellaneous	016957
Spare lock RGA/RGF 611-...	Miscellaneous	029520
Viewing window for removal door BKV 611-...	Clear glass	019641


**Vario 611-...**  
**Light module and LED module**

Fluorescent tone, daylight 13W/860 G5 LM 611-...	Miscellaneous	022954
Fluorescent tone, daylight 6W/860 G5 LM 611-...	Miscellaneous	022950
Fluorescent tone, daylight 8W/860 G5 LM 611-...	Miscellaneous	022951
Fluorescent tube, warm tone 13W/830 G5 LM 611-...	Miscellaneous	022943
Fluorescent tube, warm tone 6W/830 G5 LM 611-...	Miscellaneous	022952
Halogen lamp 10W LM 611-0	Miscellaneous	022959
Terminal block LEDM 600-...	Black	029930
Terminal block LEDS 600-...	Black	029929

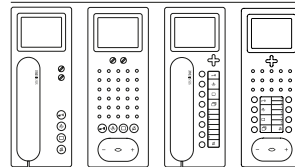

**Vario 611-...**  
**COM 611-...**  
**ELM 611-...**  
**FPM 611-...**

Terminal block COM 611-...	Black	116567
Terminal block ELM 611-...	Black	029924
Terminal block FPM 611-...	Black	029928

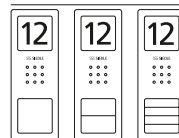

**BTS/BFS 850-...**  
**BTC/BFC 850-...**  
**HTS 811-...**  
**HTC 811-...**  
**HT 840-...**

Housing superstructure HTA 811 A/T	Aluminium/ Translucent	029882
Housing superstructure HTA 811 E/T	Stainless steel/ Translucent	029883
Housing superstructure HTA 811 W	White	029881
Housing superstructure HTC/BTC 811/840/850 A/T	Aluminium/ Translucent	029568
Housing superstructure HTC/BTC 811/840/850-... W	White	029567
Housing superstructure HTC/BTC 811/840/850-0 E/T	Stainless steel/ Translucent	029569
Housing superstructure HTC/BTC 811/840/850-01, -02 E/T	Stainless steel/ Translucent	029876
Housing superstructure HTS/BTS 811/840/850 E/T	Stainless steel/ Translucent	029875
Housing superstructure HTS/BTS 811/840/850 W	White	029583
Housing superstructure HTS/BTS 811/850 A/T	Aluminium/ Translucent	029584
Insert BFC 850-0	White	039964
Insert for button functions BTC 850-0	White	029575
Insert for button functions HT 840-.../HTV 840-...	White	029577

Designation	Colour	Article no.
Receiver with no-tangle cord BTS/BTC 850-... E/S	Stainless steel/ Black	029894
Receiver with no-tangle cord HT 811/840/850	Translucent	029574
Receiver with no-tangle cord HT 811/840/850 W	White	029573
Terminals BFC 850-0	Black	039962
Terminals BTC 850-0	Black	029592
Terminals BTS 850-0	Black	029590
Terminals HT 811-0	Black	029884
Terminals HT 840-0	Black	029593
Terminals HTC 811-0	Black	029591
Terminals HTS 811-0	Black	029589
Transparent cover BFC/BFCV 850-0	Clear glass	039966
Transparent cover HTC/BTC 811/850	Clear glass	029578

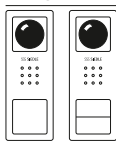

**BTSV/BFSV 850-...**  
**BTCV/BFCV 850-...**  
**AHT/AHTV 870-...**  
**AHF/AHFV 870-...**  
**HTSV 811-...**  
**HTCV 811-...**  
**HTV 840-...**

Connecting cable, coaxial, 7m ZKB 807-0	White	036566
Connecting cable, cores 1-8, 7m ZKB 807-0 1-8	White	036567
Connecting cable, cores 9-16, 7m ZKB 807-0 9-16	White	036568
Insert BFCV 850-0	White	039965
Insert for button functions BTCV 850-0	White	029576
Insert for button functions HT 840-.../HTV 840-...	White	029577
RC element In-Home-Bus Video BTSV/BFSV/BTCV/BFCV 850-... (3 pcs.)	Miscellaneous	029965
Receiver with no-tangle cord BTS/BTC 850-... E/S	Stainless steel/ Black	029894
Receiver with no-tangle cord HT 811/840/850	Translucent	029574
Receiver with no-tangle cord HT 811/840/850 W	White	029573
Terminals BTCV 850-0	Black	029597
Terminals BTSV 850-0	Black	029595
Terminals HTCV 811-0	Black	029596
Terminals HTSV 811-0	Black	029594
Terminals HTV 840-0	Black	029598
Transparent cover BFC/BFCV 850-0	Clear glass	039966

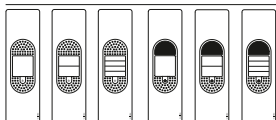
**SET CA 812-...**

Housing superstructure CA 812-1 BS	Brilliant silver	029859
Housing superstructure CA 812-2 BS	Brilliant silver	029860
Housing superstructure CA 812-4 BS	Brilliant silver	029861
Insert for info sign CA 812-...	White	029872
Loudspeaker CA 812-.../CV 850-...	Miscellaneous	029867
Microphone CA 812-...	Miscellaneous	029868
Nameplate insert CA 812-1/CV 850-1	White	029869
Nameplate insert CA 812-2/CV 850-2	White	029870
Nameplate insert CA 812-4/CV 850-4	White	029871
Nameplate superstructure CA 812-1/CV 850-1	Clear glass	029864
Nameplate superstructure CA 812-4/CV 850-4	Clear glass	029866
Replacement Compact Audio door station CA 812-1 BS	Brilliant silver	029852
Replacement Compact Audio door station CA 812-2 BS	Brilliant silver	029853
Replacement Compact Audio door station CA 812-4 BS	Brilliant silver	029854

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**SET CV 850-...**

Compact video CV 850-1 BS	Brilliant silver	029855
Compact video CV 850-2 BS	Brilliant silver	029856
Housing superstructure CV 850-1 BS	Brilliant silver	029862
Housing superstructure CV 850-2 BS	Brilliant silver	029863
Loudspeaker CA 812-.../CV 850-...	Miscellaneous	029867
Nameplate insert CA 812-1/CV 850-1	White	029869
Nameplate insert CA 812-2/CV 850-2	White	029870
Nameplate superstructure CA 812-1/CV 850-1	Clear glass	029864
Nameplate superstructure CA 812-2/CV 850-2	Clear glass	029865
Replacement Compact Video door station CV 850-11 BS USA	Brilliant silver	029857
Replacement Compact Video door station CV 850-12 BS USA	Brilliant silver	029858

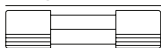
**STA 850-...****STV 850-...****SB 800-...****SBA 850-...****SBV 850-...**

Housing superstructure CSA/STA 850-1 A	Aluminium	029821
Housing superstructure CSA/STA 850-2 A	Aluminium	029822
Housing superstructure CSA/STA 850-4 A	Aluminium	029824
Housing superstructure CSV/STV 850-1 A	Aluminium	029831
Housing superstructure CSV/STV 850-2 A	Aluminium	029832
Housing superstructure CSV/STV 850-4 A	Aluminium	029834
Lock SB 800-..., SBA/SBV 850-...	Miscellaneous	029541
Microphone CSA/CSV/STA/STV 850-...	Miscellaneous	029820
Nameplate insert CSA/CSV/STA/STV 850-1	White	029813
Nameplate insert CSA/CSV/STA/STV 850-2	White	029814
Nameplate insert CSA/CSV/STA/STV 850-4	White	029815
Nameplate superstructure CSA/CSV/STA/STV 850-1	Clear glass	029816
Nameplate superstructure CSA/CSV/STA/STV 850-2	Clear glass	029817
Nameplate superstructure CSA/CSV/STA/STV 850-4	Clear glass	029818

**Siedle Scope**

Power Supply 100-240 V AC, Sek. 6 V DC, 1,15 A S 850-0	Black	029919
Siedle Scope Accumulator LiPo 3.7 V, 1300 mAh S 850-0	Miscellaneous	029918
Siedle Scope Charging tray incl. Power Supply S 850-0 A/S EU	Aluminium/Black	029908
Siedle Scope Charging tray incl. Power Supply S 850-0 E/S EU	Stainless steel/Black	029907
Siedle Scope Charging tray incl. Power Supply S 850-0 EC/S EU	Chrome/Black	029911
Siedle Scope Charging tray incl. Power Supply S 850-0 EG/S EU	Gold/Black	029912
Siedle Scope Charging tray incl. Power Supply S 850-0 SH/S EU	High gloss black/Black	029910
Siedle Scope Charging tray incl. Power Supply S 850-0 WH/S EU	High gloss white/Black	029909
Siedle Scope base station incl. Power Supply S 850-0 DE	Black	029927

Designation	Colour	Article no.
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**Fine-wire fuses for line rectifiers and control units**

Fuse 5x20 mm T 0,2 A/250 V	Miscellaneous	004871
Fuse 5x20 mm T 0,5 A/250 V	Miscellaneous	010702
Fuse 5x20 mm T 0,63 A/250 V	Miscellaneous	004870
Fuse 5x20 mm T 0,8 A	Miscellaneous	008184
Fuse 5x20 mm T 1,0 A	Miscellaneous	008698
Fuse 5x20 mm T 2,0 A S1	Miscellaneous	004869
Fuse 5x20 mm T 2,5 A S1	Miscellaneous	012063
Fuse 5x20 mm T 5,0 A S1	Miscellaneous	009517

**Bus video distributor BVVU 650-0, BVVS 650-0, BAA 650-0**

RC element In-Home-Bus: Video BVVU 650-0	Miscellaneous	032352
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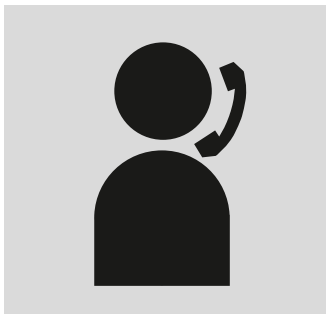
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