For the trade, installers, architects and planners

Order catalogue
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History

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.
In 1935, Siedle launches its „Portavox“, the first door loudspeaker. 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.
Siedle has been awarded over 60 national and international design prizes for its product and corporate design.

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.
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

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Siedle Scope
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.

More about Siedle Scope from page 280.

www.siedle.com/newproducts
**Siedle Individual**

**Free scope for design**
We have taken the individual design concept a stage further: All Siedle indoor call stations are available in two housing colours, translucent and black. Both housing colours can be freely combined with eight different panels. This results in 16 possible combinations, added to which is the basic version in white plastic without panel. Our manufacturing program includes painting the stainless steel panel in the required colour shade and application of logo or other motif.

More about Siedle Individual from page 188

www.siedle.com/newproducts
Siedle Select

Complete system for private homes
The first complete system for one-family homes: Siedle Select, launched in 2008 as a door station, has now been extended. A letterbox and light have been added to complete the product family. This makes Select an independent design line in its own right, providing everything typically required in 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.

More about Siedle Select from page 20.

www.siedle.com/newproducts
Siedle Steel
Communication and signage system

The whole building
Communication, orientation and information form the perfect symbiosis when it comes to the reception and guidance of visitors. They interact to lend unique character to a building. This is what moved us to develop a single system which brings together all the necessary functions in a single cohesive design, from the light on the driveway to the room sign inside the building.

The communication and signage system 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 building.

More about Siedle Communication and signage system from page 162.

www.siedle.com/newproducts
Siedle Access

Siedle goes IP
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.

More about Siedle Access from page 268.
www.siedle.com/newproducts
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New
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.
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

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

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 324
Video door station with integrated infrared lighting, call button with backlit nameplate, exchangeable illuminated light button, 2 call buttons with backlit nameplates, exchangeable from the front, and colour CCD camera.

- Colour system PAL
- Colour pick-up CCD sensor 8.4 mm (1/3") 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

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 324.
New 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.
Protection system: IP 54
Ambient temperature: -20°C to +55°C
Pass-through size (mm) W x H: 331 x 31.6
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 and nameplate. 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 approx. 60°, vertical approx. 50°
• Additional mechanical adjustment range by approx. 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 II
Ambient temperature: -20°C to +40°C
Pass-through size (mm) W x H: 331 x 31.6
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.

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 324

Anodized in natural aluminium colour (EV1)
Aluminium with optional RAL paintwork finish (silk matt), in this example: red
**New LED light**

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.

**SLB 800-9**
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

**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 output of another Select LED light.

**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

---

Anodized in natural aluminium colour (EV1)
Aluminium with optional RAL paintwork finish (silk matt), in this example: red
bundespreis produktdesign 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

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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.

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
The communication display, surface-mounted

Property owners, architects and planners will have fun with this surface-mounted version: Vertical or horizontal, with info signs 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

10, 11 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.
Siedle Vario is available in six standard colours. Alongside 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.
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.

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.
Pre-installation and mounting

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.

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.

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Siedle Vario
System overview

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- 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.

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.

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

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- The clip mechanism integrates the (optional) anti-pilfer device for valuable modules such as the camera.
Siedle lettering service

For more detailed information on the Siedle lettering service, see page 324.
### Siedle Vario
**System components/function modules**

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<td>50</td>
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<td>50</td>
</tr>
</tbody>
</table>
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.

**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 CTO 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

Multi

**TLM 645-02**

Door loudspeaker module for the Multi system for the 611 Vario design. Floating light button with lighting facility, rotary switch for line tuning and adjustable volume. Only in conjunction with TLC 640-...

- Contact type: n.o. contact 24 V, 2 A
- Switching time: 3 to 99 sec.
- 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

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.

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.
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.

Multi call button module
The call buttons used with the Siedle Multi system depend on the size of the system. Systems up to 6 call buttons TM 612-1...-4, systems from 6 call buttons BTM 650-01...-04 in conjunction with TME 645-0.

For optimum inscription possibilities please use the Siedle lettering service.

See page 324

Display call module

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.

DRM 611-01
Display call module as an input unit with a 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.

The DRM 611-... can also be used in combination with the COM 611-... in order to display the input via the DRM 611-...:
• Display showing 4 lines of 18 characters each, with LED backlighting
• 3 piece buttons displacement-free
• Button actuation with acoustic confirmation
• Illuminated symbols
• In the Siedle In-Home system, the BIM 650-... is required
• The call controller RC 602-... is only required when used in the 1+n system.
• Up to max. 504 users can be programmed

Programming possibilities:
• Using the call controller card RCC 602-...
• Using a PC and the Vario bus programming software PRS 602-... via programming interface PRI 602-...
• 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
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 or integrated interfacing relay for coax/Multi
- 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
- 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
- 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

Multi
CMC 612-0
Colour camera module for video surveillance in the Multi system. For mounting in Siedle Vario 611 housing. Integrated heating with thermostat, infrared lighting and electronic control circuit. Video signal transmission via coaxial cable 75 Ohm.
- 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
- Vertical pick-up angle approx. 60°, horizontal approx. 80°
- Additional mechanical adjustment range 30° horizontal and vertical
- Horizontal resolution 450 lines
- Video output 1 Vss at 75 Ohm
- 2-stage heating 12 V AC max. 100 mA
- Operating voltage: 20–30 V DC
- Operating current: max. 120 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

CMC 612-1 USA
- Colour system NTSC
- Resolution horizontal 768 lines, vertical 494 pixel
- For further technical details, see above
- Operating voltage: 20–30 V DC
- Operating current: max. 120 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

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. The supplementary LED indicates an unlocked status by flashing. 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, for inscriptions or later replacement with any other module.
Dimensions (mm) W x H x D: 99 x 99 x 26

For optimum inscription possibilities please use the Siedle lettering service.

See page 324

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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.

For optimum inscription possibilities please use the Siedle lettering service.

See page 324

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

<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm) W x H x D</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISM 611-2/1-0</td>
<td>199 x 99 x 10</td>
<td>0.50</td>
</tr>
<tr>
<td>ISM 611-2/2-0</td>
<td>199 x 199 x 10</td>
<td>0.90</td>
</tr>
<tr>
<td>ISM 611-3/1-0</td>
<td>299 x 99 x 10</td>
<td>0.70</td>
</tr>
<tr>
<td>ISM 611-3/2-0</td>
<td>299 x 199 x 10</td>
<td>1.20</td>
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<tr>
<td>ISM 611-3/3-0</td>
<td>299 x 299 x 10</td>
<td>1.60</td>
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<tr>
<td>ISM 611-4/1-0</td>
<td>399 x 99 x 10</td>
<td>0.90</td>
</tr>
<tr>
<td>ISM 611-4/2-0</td>
<td>399 x 199 x 10</td>
<td>1.50</td>
</tr>
<tr>
<td>ISM 611-4/3-0</td>
<td>399 x 299 x 10</td>
<td>2.00</td>
</tr>
<tr>
<td>ISM 611-4/4-0</td>
<td>399 x 399 x 10</td>
<td>2.60</td>
</tr>
<tr>
<td>ISM 611-6/1-0</td>
<td>599 x 99 x 10</td>
<td>1.40</td>
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<tr>
<td>ISM 611-6/2-0</td>
<td>599 x 199 x 10</td>
<td>2.30</td>
</tr>
<tr>
<td>ISM 611-6/3-0</td>
<td>599 x 299 x 10</td>
<td>3.20</td>
</tr>
<tr>
<td>ISM 611-6/4-0</td>
<td>599 x 399 x 10</td>
<td>4.00</td>
</tr>
<tr>
<td>ISM 611-8/1-0</td>
<td>799 x 99 x 10</td>
<td>1.70</td>
</tr>
<tr>
<td>ISM 611-8/2-0</td>
<td>799 x 199 x 10</td>
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<tr>
<td>ISM 611-8/3-0</td>
<td>799 x 299 x 10</td>
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<tr>
<td>ISM 611-12/1-0</td>
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<td>ISM 611-12/3-0</td>
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</tr>
<tr>
<td>ISM 611-12/4-0</td>
<td>1199 x 399 x 10</td>
<td>8.00</td>
</tr>
</tbody>
</table>
**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

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

**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:**
A camera module must never be placed under an LED spotlight. The intensity of the emitted light could impair the camera function.

**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.

**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 temperature and harmonious appearance across the whole of the system.

For optimum inscription possibilities please use the Siedle lettering service.

See page 324

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

Specifications of the LED surface area lights

<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm) W x H x D</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEDF 600-3/1-0</td>
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<td>299 x 199 x 50</td>
<td>1.14</td>
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<tr>
<td>LEDF 600-3/3-0</td>
<td>299 x 299 x 50</td>
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<tr>
<td>LEDF 600-4/1-0</td>
<td>399 x 99 x 50</td>
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<td>LEDF 600-4/2-0</td>
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<td>LEDF 600-6/1-0</td>
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<td>LEDF 600-6/2-0</td>
<td>599 x 199 x 50</td>
<td>2.28</td>
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<td>LEDF 600-6/3-0</td>
<td>599 x 299 x 50</td>
<td>2.93</td>
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<td>LEDF 600-6/4-0</td>
<td>599 x 399 x 50</td>
<td>3.57</td>
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<td>LEDF 600-8/1-0</td>
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<td>1199 x 199 x 50</td>
<td>4.51</td>
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<tr>
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<tr>
<td>LEDF 600-12/4-0</td>
<td>1199 x 399 x 50</td>
<td>7.10</td>
</tr>
</tbody>
</table>

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 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

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 611-01
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 TCP 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 352

Code lock module

COM 611-02
The code lock module as an input unit 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 TCP 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 TCP 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

Please note:
If the EK 601-... is fastened to a car key ring, it may disturb the immobilizer.
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 placed in the BGSF 611... 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:
• esier-efelfl alarm GmbH www.efelf.de
• Interflex Daten Systeme GmbH www.interflex.de
• Winkhaus Intrins Daten Systeme 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... BKS6F 611... and RGSF 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 BGSF 611... and RGSF 611... is possible by reworking the modular adapter MAVBG 611... or MAVRG 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

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 611... 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

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

SDM 600-0
Socket module with flap and attached PE socket:
Integration of the SDM 600-... is only possible in 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 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 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 611-4/- 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 324

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.
<table>
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<th>Surface-mounted housing</th>
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<td>System structure</td>
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<td>System components</td>
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<tr>
<td>Electronic anti-pilfer device</td>
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<td>Product description</td>
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<tr>
<td>System structure</td>
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<td>Order examples</td>
<td>59</td>
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<tr>
<td>System components</td>
<td>60</td>
</tr>
</tbody>
</table>
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-... into 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-O
Surface-mount housing in extruded aluminium sheath with zinc die-cast corner connectors and perforated 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 162 x 36.5

GA 612-2/1-O
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-O
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-O
Surface-mount housing in extruded aluminium sheath with zinc die-cast corner connectors and perforated 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-O
Surface-mount housing in extruded aluminium sheath with zinc die-cast corner connectors and perforated 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-O
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-O
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-O
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-O
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

<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm) W x H x D</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GA 612-1/1-O</td>
<td>132 x 162 x 36.5</td>
<td>0.60</td>
</tr>
<tr>
<td>GA 612-2/1-O</td>
<td>132 x 232 x 36.5</td>
<td>0.77</td>
</tr>
<tr>
<td>GA 612-2/2-O</td>
<td>232 x 232 x 36.5</td>
<td>1.1</td>
</tr>
<tr>
<td>GA 612-3/1-O</td>
<td>132 x 332 x 36.5</td>
<td>1.00</td>
</tr>
<tr>
<td>GA 612-3/2-O</td>
<td>232 x 332 x 36.5</td>
<td>1.46</td>
</tr>
<tr>
<td>GA 612-3/3-O</td>
<td>332 x 332 x 36.5</td>
<td>1.94</td>
</tr>
<tr>
<td>GA 612-4/1-O</td>
<td>132 x 432 x 36.5</td>
<td>1.20</td>
</tr>
<tr>
<td>GA 612-4/2-O</td>
<td>232 x 432 x 36.5</td>
<td>1.9</td>
</tr>
<tr>
<td>GA 612-4/3-O</td>
<td>332 x 432 x 36.5</td>
<td>2.4</td>
</tr>
</tbody>
</table>

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.
**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 611-1/1-0 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

**Specifications mounting frame**

<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm) W x H x D</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MR 611-1/1-0</td>
<td>99.5 x 131 x 27</td>
<td>0.27</td>
</tr>
<tr>
<td>MR 611-2/1-0</td>
<td>99.5 x 199.5 x 17</td>
<td>0.40</td>
</tr>
<tr>
<td>MR 611-3/1-0</td>
<td>99.5 x 299.5 x 17</td>
<td>0.53</td>
</tr>
<tr>
<td>MR 611-4/1-0</td>
<td>99.5 x 399.5 x 17</td>
<td>0.66</td>
</tr>
</tbody>
</table>

**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.
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. The supplementary LED indicates an unlocked status by flashing. 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
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.

Scope of delivery
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 613-1/02-0
1 IM 612-0
1 BTLM 650-04
1 BTM 650-02

1+n technology
1 KSA 613-1/02-0
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 BM 611-0
1 BCMC 650-0
1 BM 611-0
1 BTLM 650-04
1 DRM 611-01
1 COM 611-02
1 FPM 611-01

Please get in touch with us to discuss the many varied possibilities available.
See page 352

Specifications KSA 61x

<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm) W x H x D</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KSA 613-1/02-0</td>
<td>200 x 1331 x 45.3</td>
<td>5.68</td>
</tr>
<tr>
<td>KSA 616-1/1/3-0</td>
<td>200 x 1631 x 45.3</td>
<td>6.60</td>
</tr>
<tr>
<td>KSA 619-2/1/4-0</td>
<td>200 x 1631 x 45.3</td>
<td>7.79</td>
</tr>
</tbody>
</table>
Siedle Vario
Surface-mounting
Surface-mounted communication display

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

<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm) W x H x D</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KSA 602-0</td>
<td>200 x 231 x 45.3</td>
<td>1.51</td>
</tr>
<tr>
<td>KSA 603-0</td>
<td>200 x 331 x 45.3</td>
<td>1.93</td>
</tr>
<tr>
<td>KSA 604-0</td>
<td>200 x 431 x 45.3</td>
<td>2.35</td>
</tr>
<tr>
<td>KSA 605-0</td>
<td>200 x 531 x 45.3</td>
<td>2.9</td>
</tr>
</tbody>
</table>

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

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<tr>
<td>System structure</td>
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<tr>
<td>System components</td>
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<tr>
<td>Mounting solution for existing front panels/door side panels</td>
<td>67</td>
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</tbody>
</table>
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-... The flush-mount housing GU 611-1/1-... cannot be mounted in a row.
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-..., BGB 611-... For each GU 611-4/1-..., MABG 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

<table>
<thead>
<tr>
<th>Designation</th>
<th>for mounting frame</th>
<th>Dimensions (mm) W x H x D</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GU 611-1/1-0</td>
<td>MR 611-1/1-0</td>
<td>100 x 130 x 50</td>
<td>0.15</td>
</tr>
<tr>
<td>GU 611-2/1-0</td>
<td>MR 611-2/1-0</td>
<td>100 x 200 x 50</td>
<td>0.19</td>
</tr>
<tr>
<td>GU 611-3/1-0</td>
<td>MR 611-3/1-0</td>
<td>100 x 300 x 50</td>
<td>0.25</td>
</tr>
<tr>
<td>GU 611-4/1-0</td>
<td>MR 611-4/1-0</td>
<td>100 x 400 x 50</td>
<td>0.28</td>
</tr>
</tbody>
</table>
**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:
163 x 131 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 611-3/3-0**
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 611-4/4-0**
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:
431 x 331 x 38

**Specifications combination frame**

<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm) W x H x D</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KR 611-1/1-0</td>
<td>163 x 131 x 15</td>
<td>0.28</td>
</tr>
<tr>
<td>KR 611-2/2-0</td>
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<tr>
<td>KR 611-3/3-0</td>
<td>331 x 331 x 15</td>
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</tr>
<tr>
<td>KR 611-4/4-0</td>
<td>431 x 331 x 38</td>
<td>0.93</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Cut-out dimension for</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>VA/GU 511-0</td>
<td>86</td>
<td>122</td>
</tr>
<tr>
<td>VA/GU 512-0</td>
<td>86</td>
<td>212</td>
</tr>
<tr>
<td>VA/GU 513-0</td>
<td>86</td>
<td>306</td>
</tr>
<tr>
<td>VA/GU 514-0</td>
<td>86</td>
<td>394</td>
</tr>
<tr>
<td>VA/GU 524-0</td>
<td>180</td>
<td>215</td>
</tr>
<tr>
<td>All dimensions in mm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm) W x H x D</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VA/GU 511-0</td>
<td>84 x 120 x 30</td>
<td>0.15</td>
</tr>
<tr>
<td>VA/GU 512-0</td>
<td>84 x 210 x 30</td>
<td>0.22</td>
</tr>
<tr>
<td>VA/GU 513-0</td>
<td>84 x 304 x 30</td>
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<tr>
<td>VA/GU 514-0</td>
<td>84 x 392 x 30</td>
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<tr>
<td>VA/GU 524-0</td>
<td>178 x 213 x 30</td>
<td>0.45</td>
</tr>
</tbody>
</table>
**Fixture with installation area closed 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.

**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.

**System structure**

<table>
<thead>
<tr>
<th>1 Function modules</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Mounting frame</td>
</tr>
<tr>
<td>MR 611-3/1-0</td>
</tr>
<tr>
<td>Combination frame</td>
</tr>
<tr>
<td>KR 611-3/1-0</td>
</tr>
<tr>
<td>3 Hollow wall fastening accessory</td>
</tr>
<tr>
<td>ZHB 612-0</td>
</tr>
<tr>
<td>4 Flush-mount housing</td>
</tr>
<tr>
<td>GU 611-3/1-0</td>
</tr>
</tbody>
</table>

**Cut-out dimension for**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>GU 611-2/1</td>
<td>100</td>
</tr>
<tr>
<td>GU 611-3/1</td>
<td>200</td>
</tr>
<tr>
<td>GU 611-4/1</td>
<td>300</td>
</tr>
</tbody>
</table>

All dimensions in mm
Siedle Vario
Free-standing

<table>
<thead>
<tr>
<th>Communication pedestals (KS)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Product description</td>
<td>72</td>
</tr>
<tr>
<td>System structure</td>
<td>72</td>
</tr>
<tr>
<td>Accessories</td>
<td>72</td>
</tr>
<tr>
<td>System components (height 1.3 m)</td>
<td>73</td>
</tr>
<tr>
<td>System components (height 1.6 m)</td>
<td>74</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Free-standing communication pedestals (KSF)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Product description</td>
<td>76</td>
</tr>
<tr>
<td>System structure</td>
<td>76</td>
</tr>
<tr>
<td>Accessories</td>
<td>76</td>
</tr>
<tr>
<td>System components</td>
<td>77</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Light pedestals (LS)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Product description</td>
<td>78</td>
</tr>
<tr>
<td>Accessories</td>
<td>78</td>
</tr>
</tbody>
</table>

| Non-standard version (KSFB) | 79 |
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

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.

**Product description**

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

**System structure**

**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 KS 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

<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KS 613-1</td>
<td>211 x 1344 x 130</td>
<td>7.24</td>
</tr>
<tr>
<td>KS 613-2</td>
<td>211 x 1344 x 130</td>
<td>7.22</td>
</tr>
<tr>
<td>KS 613-3</td>
<td>211 x 1344 x 130</td>
<td>7.28</td>
</tr>
<tr>
<td>KS 613-4</td>
<td>211 x 1344 x 130</td>
<td>7.36</td>
</tr>
</tbody>
</table>

Specifications KS 613-x/1

<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KS 613-1/1</td>
<td>211 x 1344 x 130</td>
<td>7.45</td>
</tr>
<tr>
<td>KS 613-2/1</td>
<td>211 x 1344 x 130</td>
<td>6.84</td>
</tr>
<tr>
<td>KS 613-3/1</td>
<td>211 x 1344 x 130</td>
<td>6.98</td>
</tr>
<tr>
<td>KS 613-4/1</td>
<td>211 x 1344 x 130</td>
<td>7.13</td>
</tr>
</tbody>
</table>

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 and KS 616-x/x/x are intended for the installation of LED modules LEDM 600-.

<table>
<thead>
<tr>
<th>Specifications KS 616-1/x</th>
<th>Specifications KS 616-1/x/0/1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Designation</strong></td>
<td><strong>Dimensions (mm)</strong></td>
</tr>
<tr>
<td>KS 616-1/2</td>
<td>211 x 1644 x 130</td>
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<tr>
<td>KS 616-1/3</td>
<td>211 x 1644 x 130</td>
</tr>
<tr>
<td>KS 616-1/4</td>
<td>211 x 1644 x 130</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Specifications KS 616-x</th>
<th>Specifications KS 616-x/0/1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Designation</strong></td>
<td><strong>Dimensions (mm)</strong></td>
</tr>
<tr>
<td>KS 616-4</td>
<td>211 x 1644 x 130</td>
</tr>
<tr>
<td>KS 616-5</td>
<td>211 x 1644 x 130</td>
</tr>
<tr>
<td>KS 616-6</td>
<td>211 x 1644 x 130</td>
</tr>
<tr>
<td>Specifications KS 616-1/x/1/0</td>
<td>Designation</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>KS 616-1/2/1/0</td>
<td>211 x 1644 x 130</td>
</tr>
<tr>
<td>KS 616-1/3/1/0</td>
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</tr>
<tr>
<td>KS 616-1/4/1/0</td>
<td>211 x 1644 x 130</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specifications KS 616-1/x/2/0</th>
<th>Designation</th>
<th>Dimensions (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KS 616-1/2/2/0</td>
<td>211 x 1644 x 130</td>
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</tr>
<tr>
<td>KS 616-1/3/2/0</td>
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<tr>
<td>KS 616-1/4/2/0</td>
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</table>

<table>
<thead>
<tr>
<th>Specifications KS 616-x1/0</th>
<th>Designation</th>
<th>Dimensions (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KS 616-4/1/0</td>
<td>211 x 1644 x 130</td>
<td>8.22</td>
<td></td>
</tr>
<tr>
<td>KS 616-5/1/0</td>
<td>211 x 1644 x 130</td>
<td>8.23</td>
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</tr>
<tr>
<td>KS 616-6/1/0</td>
<td>211 x 1644 x 130</td>
<td>8.35</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Specifications KS 616-x2/0</th>
<th>Designation</th>
<th>Dimensions (mm)</th>
<th>Weight (kg)</th>
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</thead>
<tbody>
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<tr>
<td>KS 616-6/2/0</td>
<td>211 x 1644 x 130</td>
<td>8.39</td>
<td></td>
</tr>
</tbody>
</table>
Product description

Their elegant styling makes the Vario pedestal a design feature. And as well as providing aesthetic appeal, the pedestal has a wide 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

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 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 K5 61x and KSF 61x cannot be accepted.

Accessories

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

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

<table>
<thead>
<tr>
<th>Specifications KSF 613...</th>
<th>Dimensions (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designation</td>
<td>W x H x D</td>
<td></td>
</tr>
<tr>
<td>KSF 613-1</td>
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<tr>
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<tr>
<td>KSF 613-3</td>
<td>211 x 1344 x 230</td>
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<thead>
<tr>
<th>Specifications KSF 616-1...</th>
<th>Dimensions (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designation</td>
<td>W x H x D</td>
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<tr>
<td>KSF 616-1/2</td>
<td>211 x 1644 x 230</td>
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<td>KSF 616-1/3</td>
<td>211 x 1644 x 230</td>
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</tr>
<tr>
<td>KSF 616-1/4</td>
<td>211 x 1644 x 230</td>
<td>13.87</td>
</tr>
</tbody>
</table>

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...

<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm)</th>
<th>Weight (kg)</th>
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<tbody>
<tr>
<td>W x H x D</td>
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<tr>
<td>KSF 616-4</td>
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<td>KSF 616-5</td>
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<td>KSF 616-6</td>
<td>211 x 1644 x 230</td>
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<td>KSF 616-7</td>
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<td>KSF 616-8</td>
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</tbody>
</table>
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
- 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
- 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
- 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.

**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 concreteing into the ground made of stable, hot-dip galvanized sectional steel, ground flange with M 10 thread for fixture of communication pedestals KS 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.
- Protection system: IP 55
- Ambient temperature: -20°C to +55°C
- Dimensions (mm) dia. x H: 55 x 24
- Operating current: max. 180 mA
- Output voltage: 24 V DC
- Output current: max. 300 mA
The accessory junction box ZVD/KS 611-0 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

ZVD/KS 611-0

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

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 352
### Siedle Vario
Surface-mounted letterboxes

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<thead>
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<th>Section</th>
<th>Page</th>
</tr>
</thead>
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<td>Product description</td>
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<td>Order examples</td>
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<td>System components</td>
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<tr>
<td><strong>Space-saving letterboxes for front removal</strong></td>
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</tr>
<tr>
<td>Product description</td>
<td>86</td>
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<tr>
<td>Order examples</td>
<td>87</td>
</tr>
<tr>
<td>System components</td>
<td>88</td>
</tr>
</tbody>
</table>
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 delivery
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 611-01
1 BTLM 650-04
1 BTM 650-01
1 BMV 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 611-01
1 TLM 612-02
1 TM 612-1
1 BMV 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 611-4/7-0
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

<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm) W x H x D</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BGA 611-4/4-0</td>
<td>431 x 431 x 150</td>
<td>6.60</td>
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<tr>
<td>BGA 611-4/5-0</td>
<td>431 x 531 x 150</td>
<td>7.50</td>
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<td>BGA 611-4/6-0</td>
<td>431 x 631 x 150</td>
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<td>BGA 611-4/7-0</td>
<td>431 x 931 x 150</td>
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<tr>
<td>BGA 611-4/8-0</td>
<td>431 x 1031 x 150</td>
<td>12.1</td>
</tr>
<tr>
<td>BGA 611-8/10-0</td>
<td>831 x 1031 x 150</td>
<td>18.0</td>
</tr>
</tbody>
</table>
Siedle Vario
Surface-mounted letterboxes
Letterboxes, front removal

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 611-01
1 BTM 650-04
1 BM 650-02
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

1+1 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 611-01
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 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 flap (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
Please get in touch with us to discuss the many varied possibilities available.
See page 352

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/611-... . For each GU 611-4/1-... , MA/BG 611-... is required. Dimensions (mm) W x H x D: 99.5 x 399.5 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: 100 x 400 x 50

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/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/611-... . For 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 delivery
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
1+n technology
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

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 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

System-independent
1 RGA 611-4/0

Specifications:

<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm) W x H x D</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RGA 611-2/1</td>
<td>331 x 331 x 400</td>
<td>15.07</td>
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<tr>
<td>RGA 611-2/2</td>
<td>331 x 431 x 400</td>
<td>17.73</td>
</tr>
<tr>
<td>RGA 611-3/1</td>
<td>331 x 431 x 400</td>
<td>18.27</td>
</tr>
<tr>
<td>RGA 611-4/0</td>
<td>331 x 431 x 400</td>
<td>18.8</td>
</tr>
</tbody>
</table>
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 MARG 611-0

In-Home bus
1 RGA 611-4/1
1 FPM 611-01
1 BTLM 650-04
1 BTM 650-04
1 MR 611-3/1-0
1 MARG 611-0

1+n technology
1 RGA 611-4/1
1 FPM 611-01
1 TLM 612-02
1 TM 612-4
1 MR 611-3/1-0
1 MARG 611-0

In-Home bus
1 RGA 611-5/2
1 ISM 611-3/1-0
2 BTM 650-03
1 BTLM 650-04
1 MR 611-3/1-0
1 MARG 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 MARG 611-0

Specifications:
<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm) W x H x D</th>
<th>Weight (kg)</th>
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<tbody>
<tr>
<td>RGA 611-4/1</td>
<td>331 x 531 x 400</td>
<td>21.37</td>
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<tr>
<td>RGA 611-5/2</td>
<td>631 x 431 x 400</td>
<td>29.93</td>
</tr>
<tr>
<td>RGA 611-6/0</td>
<td>631 x 431 x 400</td>
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</tbody>
</table>

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-... RGS/R 611-... and RG/KSF 611-... is required for each line of modules. Composed of 1 pair of mounting brackets, screws and fixing plate.
System-independent
1 RGA 611-8/0

Please get in touch with us to discuss the many varied possibilities available.
See page 352
### Siedle Vario

**Flush-mounted letterboxes**

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<th>Pass-through letterboxes</th>
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<td>Order examples</td>
<td>93</td>
</tr>
<tr>
<td>System components</td>
<td></td>
</tr>
<tr>
<td>Pass-through letterboxes</td>
<td></td>
</tr>
<tr>
<td>300 mm wide</td>
<td>96</td>
</tr>
<tr>
<td>Pass-through letterboxes</td>
<td></td>
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<tr>
<td>400 mm wide</td>
<td>98</td>
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</table>

<table>
<thead>
<tr>
<th>Letterboxes, front removal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Product description</td>
<td>100</td>
</tr>
<tr>
<td>Order examples</td>
<td>100</td>
</tr>
<tr>
<td>System components</td>
<td>103</td>
</tr>
</tbody>
</table>
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

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 LEDF 600-3/1-0
1 FPM 611-01
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 611-01
1 TLM 612-02
1 TM 612-1
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 611-01
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 LEDF 600-4/1-0
1 TLM 612-02
1 FPM 611-01
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
2 GU 611-4/1-0
1 MR 611-4/1-0

In-Home bus
1 BMM 611-0
1 BTLM 650-04
1 BCCM 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 352
Siedle Vario
Flush-mounted letterboxes
Pass-through letterboxes

System components
Pass-through letterboxes 300 mm wide

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 611-3/1-0 using quick-release screw joints. With prepared cable inlets, cable clamps and quick-release fixtures for the communication 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-piller device to DIN EN 13724. Can be screwed onto BKV 611-3/... or into a wall recess. Inscription field under the letter flap. 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

Specifications KR 611-3/xxx

<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm) W x H x D</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KR 611-3/1-0</td>
<td>331 x 131 x 15</td>
<td>0.44</td>
</tr>
<tr>
<td>KR 611-3/2-0</td>
<td>331 x 231 x 15</td>
<td>0.58</td>
</tr>
<tr>
<td>KR 611-3/3-0</td>
<td>331 x 331 x 15</td>
<td>0.63</td>
</tr>
</tbody>
</table>

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.
PB 611-3/1-0 W
Plaster trim suitable for 1 BKV 611-3/1-... units positioned one above the other.
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-... units.
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.
Dimensions (mm) W x H x D: 331 x 331 x 38

PB 611-3/4-0 W
Plaster trim suitable for 4 BKV 611-3/1-... units positioned one above the other.
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, 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 611-3/1-... 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 horizontally 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 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 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, extendable from 290 - 440 mm, can be combined 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 letterbox, the inspection window indicates immediately whether it is worth opening the box.

Please note:
These letterboxes can only conditionally be used outdoors. When mounting on the weather side of the building or in free-standing walls/columns, an additional rain protection must be provided on site, as otherwise moisture may penetrate into the letterbox. Pay attention to the mounting instructions!
Other sizes are available on request.
For optimum inscription possibilities please use the Siedle lettering service. See page 324
System components
Pass-through letterboxes 400 mm wide

**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/-... 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/-... , BGSR 611/-... . For each GU 611-4/-... , 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 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-piller device to DIN EN 13724. Can be screwed onto BKV 611-4/-... or wall recess. Inscription field under the letter flap. 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

**Specifications KR 611-4/xxx**

<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KR 611-4/1-0</td>
<td>431 x 131 x 15</td>
<td>0.63</td>
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<tr>
<td>KR 611-4/2-0</td>
<td>431 x 231 x 38</td>
<td>0.76</td>
</tr>
<tr>
<td>KR 611-4/3-0</td>
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</tr>
<tr>
<td>KR 611-4/4-0</td>
<td>431 x 431 x 38</td>
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</table>

**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 plaster edge. By use of a plaster trim element, a tidy, finished appearance is reached on the removal side of the letterbox system.

**Features**
- For letterboxes with a width of 400 mm
- Suitable for vertical and horizontal mounting
- Made of zinc die-cast material
- Quick-release screws for easy installation
- Dimensionally stable plastic housing
- Thermal separation for good heat insulation
- Adjustable pass-through opening
- Anti-piller device conforming to DIN EN 13724
- Inscription field under the letter flap
- Available in powder-coated or painted finishes
- Suitable for integration into walls or recesses

**Applications**
- Residential buildings
- Commercial and industrial premises
- Public spaces
**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-..., 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

**PB 611-3/4-0 W**
Plaster trim suitable for 4 BKV 611-3/1-... 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

**PB 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 611-4/2-0 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 alternatively be plastered. Rear removal door, opening downwards, with cylinder lock, nameplate and inspection window. With connecting screws. Only to be used with BE 611-4/1-...
Colour: White
Nameplate size (mm) W x H: 70 x 21
Dimensions (mm) W x H x D: 400 x 200 x 290 - 440

**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 EB 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 alternatively be plastered. Rear removal door, opening downwards, with cylinder lock, nameplate and inspection window. With connecting screws. Only to be used with EB 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

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

Please note:
These letterboxes can only conditionally be used outdoors. When mounting on the weather side of the building or in free-standing walls/columns, an additional rain protection must be provided on site, as otherwise moisture may penetrate into the letterbox.
Pay attention to the mounting instructions!
Other sizes are available on request.
For optimum inscription possibilities please use the Siedle lettering service. See page 324.
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 BMIM 611-0
1 BTLM 650-04
1 BTM 650-03
1 PFM 611-01
1 ISM 611-0/3-0
3 BKM 611-0/4-0
1 KR 611-0/4-0
3 BGU 611-0/4-0
4 GU 611-0/1-0
1 MR 611-0/1-0

1+n technology
1 BMIM 611-0
1 DLM 612-02
1 TM 612-3
1 PPM 611-01
1 ISM 611-0/3-0
3 BKM 611-0/4-0
1 KR 611-0/3-0
3 BGU 611-0/4-0
4 GU 611-0/1-0
1 MR 611-0/1-0

In-Home bus
2 BTLM 650-00
4 BTM 650-01
2 BM 611-0
4 BKM 611-0/4-0
1 KR 611-0/4-0 A
4 BGU 611-0/4-0
2 GU 611-0/4-0
2 MR 611-0/4-0

1+n technology
2 DLM 612-02
4 TM 612-1
2 BM 611-0
4 BKM 611-0/4-0
1 KR 611-0/4-0 A
4 BGU 611-0/4-0
2 GU 611-0/4-0
2 MR 611-0/4-0

Please get in touch with us to discuss the many varied possibilities available.
See page 352

Specifications KR 611-4/xxx

<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm)</th>
<th>Weight (kg)</th>
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<tr>
<td>KR 611-0/4-0</td>
<td>431 x 531 x 38</td>
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<td>KR 611-0/8-0</td>
<td>831 x 931 x 38</td>
<td>3.92</td>
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<tr>
<td>KR 611-0/4-0 A</td>
<td>431 x 931 x 38</td>
<td>2.35</td>
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<tr>
<td>KR 611-0/8-0 A</td>
<td>831 x 931 x 38</td>
<td>4.42</td>
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</tbody>
</table>
The square design bottom-shaped as post support rack.

BMK 611-4/4-0
Letterbox module with pass-through flap, front removal door and letterbox. Pass-through flap and anti-plunger 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-…, MA/BG 611-… is required.

Dimensions (mm) W x H x D: 99.5 x 399.5 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: 100 x 400 x 50

BGU 611-4/4-0
Flush-mount housing in hot-dip galvanized sheet steel 1.0 mm to accommodate the BMK 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

<table>
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<th>Letterboxes with standpipe</th>
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<td>Product description</td>
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<td>Dimensions</td>
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<td>Order examples</td>
<td>107</td>
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<td>System components</td>
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</tbody>
</table>

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<th>Letterboxes with communication pedestals</th>
<th></th>
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<tr>
<td>Product description</td>
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<tr>
<td>Dimensions</td>
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<tr>
<td>Order examples</td>
<td>111</td>
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<tr>
<td>System components</td>
<td>113</td>
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</table>

<table>
<thead>
<tr>
<th>Space-saving letterboxes with standpipe</th>
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<tbody>
<tr>
<td>Product description</td>
<td>114</td>
</tr>
<tr>
<td>Dimensions</td>
<td>115</td>
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<tr>
<td>Order examples</td>
<td>116</td>
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<tr>
<td>System components</td>
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<table>
<thead>
<tr>
<th>Space-saving letterboxes with communication pedestals</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Product description</td>
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<td>Dimensions</td>
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<td>Order examples</td>
<td>120</td>
</tr>
<tr>
<td>System components</td>
<td>123</td>
</tr>
</tbody>
</table>

| Quotation Service - Siedle letterboxes | 124 |
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 standpipe, special lengths of 1.60 m or 1.90 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 BKM 611-4-0

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 GU 611-4/1-0
1 MR 611-4/1-0
1 MA/BG 611-0

Specifications for the letterboxes

<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm)</th>
<th>Dimensions</th>
<th>Dimensions</th>
<th>Weight (kg)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>W x H x D</td>
<td>A (mm)</td>
<td>B (mm)</td>
<td></td>
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<tr>
<td>BG/SR 611-4/4-0...</td>
<td>647 x 1344 x 150</td>
<td>647</td>
<td>561</td>
<td>19.0</td>
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<td>BG/SR 611-4/5-0...</td>
<td>647 x 1344 x 150</td>
<td>647</td>
<td>561</td>
<td>19.5</td>
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<tr>
<td>BG/SR 611-4/6-0...</td>
<td>647 x 1344 x 150</td>
<td>647</td>
<td>561</td>
<td>20.0</td>
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<td>BG/SR 611-4/7-0...</td>
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<td>647</td>
<td>561</td>
<td>20.5</td>
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<td>1047 x 1344 x 150</td>
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<td>961</td>
<td>43.5</td>
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</tbody>
</table>

* 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 BTL 650-04
1 BM 611-0
1 BTM 650-02
1 GU 611-4/1-0
1 MR 611-4/1-0
1 MA/BG 611-0

1+1 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 BTL 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+1 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 352
System components

**BKM 611-4/4-0**
Letterbox module with pass-through flap, front removal door and letterbox. Pass-through and anti-piller 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 connecting 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-... , 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" according to VDE 0006.
Dimensions (mm) dia. x H: 30 x 85
Siedle Vario
Free-standing letterboxes for front removal
Letterboxes with communication pedestals

**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 BLMC 650-0
1 BTLM 650-04
1 BTM 650-01
1 ISM 611-2/2-0

In-Home bus
1 BG/KSF 611-20 G-R
1 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
1 BKM 611-4/4-0
1 BLMC 650-0
1 BTM 650-04
1 BTM 650-02
1+n technology
1 BG/KSF 611-22 G-R
1 BKM 611-4/4-0
1 LEDF 600-4/2-0
1 MALEDF 600-0

Specifications: Pedestals + letterboxes

<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm)</th>
<th>Dimensions A (mm)</th>
<th>Dimensions B (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BG/KSF 611-10 G-R</td>
<td>606 x 1644 x 150</td>
<td>–</td>
<td>–</td>
<td>26.0</td>
</tr>
<tr>
<td>BG/KSF 611-12 H-R</td>
<td>606 x 1644 x 150</td>
<td>–</td>
<td>–</td>
<td>28.5</td>
</tr>
<tr>
<td>BG/KSF 611-20 G-R</td>
<td>606 x 1644 x 150</td>
<td>–</td>
<td>–</td>
<td>29.0</td>
</tr>
<tr>
<td>BG/KSF 611-22 G-R</td>
<td>606 x 1644 x 150</td>
<td>–</td>
<td>–</td>
<td>31.0</td>
</tr>
<tr>
<td>BG/KSF 611-44 H-R</td>
<td>1115 x 1644 x 150</td>
<td>1115</td>
<td>1115</td>
<td>57.4</td>
</tr>
</tbody>
</table>

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 611-01
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 611-01
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 352
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.
Pass-through flap and 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: 220 x 505 x 200

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: 191 x 505 x 210
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 righthand 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 letterboxes with standpipe

Order examples

In-Home bus
1 RGS R 611-2/1
1 IM 612-0
1 BTL 650-04
1 BTM 650-02
1 MR 611-3/1-0
1 MA/RG 611-0

1+n technology
1 RGS R 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

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-..., RGS R 611-... and RKS 611-... is required for each line of modules. Com posed of 1 pair of mounting brackets, screws and fixing plate.

ZE/SR 611-0
Ground element accessory for con creting 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 BGR SR 611-..., KSA 6-... and RGS R 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
System-independent
1 RG/SR 611-5/0

In-Home bus
1 RG/SR 611-8/2
1 BTLM 650-04
2 BTM 650-04
1 BM 611-3/1-0
1 MR 611-3/1-0
1 MA/1G 611-0

1+n technology
1 RG/SR 611-8/2
1 TLM 612-02
2 TM 612-4
1 TM 611-3/1-0
1 MR 611-3/1-0
1 MA/1G 611-0

Please get in touch with us to discuss the many varied possibilities available.
See page 352

Specifications space-saving letterboxes

<table>
<thead>
<tr>
<th>Designation</th>
<th>Dimensions (mm)</th>
<th>Dimensions A (mm)</th>
<th>Dimensions B (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RG/SR 611-2/1-0...</td>
<td>547 x 1344 x 400</td>
<td>547</td>
<td>461</td>
<td>49.0</td>
</tr>
<tr>
<td>RG/SR 611-2/2-0...</td>
<td>547 x 1344 x 400</td>
<td>547</td>
<td>461</td>
<td>51.0</td>
</tr>
<tr>
<td>RG/SR 611-3/1-0...</td>
<td>547 x 1344 x 400</td>
<td>547</td>
<td>461</td>
<td>52.5</td>
</tr>
<tr>
<td>RG/SR 611-4/2-0...</td>
<td>547 x 1344 x 400</td>
<td>547</td>
<td>461</td>
<td>54.0</td>
</tr>
<tr>
<td>RG/SR 611-80-0...</td>
<td>847 x 1344 x 400</td>
<td>847</td>
<td>761</td>
<td>67.5</td>
</tr>
<tr>
<td>RG/SR 611-8/2-0...</td>
<td>847 x 1344 x 400</td>
<td>847</td>
<td>761</td>
<td>71.0</td>
</tr>
</tbody>
</table>

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/1R 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
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.

Product description

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

<table>
<thead>
<tr>
<th>Specifications Pedestals + letterboxes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designation</td>
</tr>
<tr>
<td>-------------</td>
</tr>
<tr>
<td>RGKSF 611-3 A-R</td>
</tr>
<tr>
<td>RGKSF 611-4 B-L</td>
</tr>
<tr>
<td>RGKSF 611-42 L-R</td>
</tr>
<tr>
<td>RGKSF 611-44 B-R</td>
</tr>
<tr>
<td>RGKSF 611-5 M-R</td>
</tr>
<tr>
<td>RGKSF 611-70 K-R</td>
</tr>
<tr>
<td>RGKSF 611-100 M-R</td>
</tr>
</tbody>
</table>
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 611-01
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
Order examples

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

Please get in touch with us to discuss the many varied possibilities available.
See page 352
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 (recommended Siedle retail price exclusive of VAT).

<table>
<thead>
<tr>
<th>1. Selecting letterboxes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Masonry pass-through letterboxes</td>
</tr>
<tr>
<td>Letterboxes with communication pedestal</td>
</tr>
<tr>
<td>Front removal</td>
</tr>
<tr>
<td>Rear removal</td>
</tr>
<tr>
<td>Space-saving letterboxes with communication pedestal</td>
</tr>
<tr>
<td>Front removal</td>
</tr>
<tr>
<td>Rear removal</td>
</tr>
<tr>
<td>Letterboxes, front removal</td>
</tr>
<tr>
<td>Flush-mounted</td>
</tr>
<tr>
<td>Surface-mounted</td>
</tr>
<tr>
<td>Free-standing</td>
</tr>
<tr>
<td>Letterboxes, rear removal</td>
</tr>
<tr>
<td>Free-standing</td>
</tr>
<tr>
<td>Space-saving letterboxes</td>
</tr>
<tr>
<td>Surface-mounted</td>
</tr>
<tr>
<td>Free-standing</td>
</tr>
<tr>
<td>Front removal</td>
</tr>
<tr>
<td>Rear removal</td>
</tr>
<tr>
<td>Letterbox height</td>
</tr>
<tr>
<td>100 mm ___</td>
</tr>
<tr>
<td>200 mm ___</td>
</tr>
<tr>
<td>300 mm ___</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. Selecting function modules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door loudspeaker module for</td>
</tr>
<tr>
<td>1+n technology</td>
</tr>
<tr>
<td>In-Home bus</td>
</tr>
<tr>
<td>Multi</td>
</tr>
<tr>
<td>DoorCom-IP</td>
</tr>
<tr>
<td>Call button modules</td>
</tr>
<tr>
<td>___ with 1 button</td>
</tr>
<tr>
<td>___ with 2 buttons</td>
</tr>
<tr>
<td>___ with 3 buttons</td>
</tr>
<tr>
<td>___ with 4 buttons</td>
</tr>
<tr>
<td>IM 612-0</td>
</tr>
<tr>
<td>Info module</td>
</tr>
<tr>
<td>BM 611-0</td>
</tr>
<tr>
<td>Dummy module</td>
</tr>
<tr>
<td>BMM 611-0</td>
</tr>
<tr>
<td>Movement sensor module</td>
</tr>
<tr>
<td>DRM 611-01</td>
</tr>
<tr>
<td>Display call module</td>
</tr>
<tr>
<td>COM 611-02</td>
</tr>
<tr>
<td>Code lock module</td>
</tr>
<tr>
<td>LLM 611-01</td>
</tr>
<tr>
<td>Easikey read module</td>
</tr>
<tr>
<td>HPM 611-01</td>
</tr>
<tr>
<td>Fingerprint module</td>
</tr>
<tr>
<td>Colour Camera Module</td>
</tr>
<tr>
<td>(Video in conjunction with 1+n technology not possible)</td>
</tr>
<tr>
<td>Camera module</td>
</tr>
<tr>
<td>Monochrome</td>
</tr>
<tr>
<td>(only for Multi)</td>
</tr>
<tr>
<td>KLM 611-0</td>
</tr>
<tr>
<td>Card reader retainer module</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3. Selection of colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
</tr>
<tr>
<td>Silver metallic</td>
</tr>
<tr>
<td>High gloss white</td>
</tr>
<tr>
<td>High gloss black</td>
</tr>
<tr>
<td>Micaceous amber</td>
</tr>
<tr>
<td>Micaceous dark grey</td>
</tr>
<tr>
<td>Special RAL colour</td>
</tr>
<tr>
<td>___ more details</td>
</tr>
</tbody>
</table>

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

From

<table>
<thead>
<tr>
<th>Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact person</td>
</tr>
<tr>
<td>Street</td>
</tr>
<tr>
<td>Postal code, city</td>
</tr>
<tr>
<td>Phone</td>
</tr>
<tr>
<td>Fax</td>
</tr>
<tr>
<td>E-mail</td>
</tr>
<tr>
<td>Place and date</td>
</tr>
<tr>
<td>Building project</td>
</tr>
</tbody>
</table>

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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).

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 deliveries of custom-produced items and products of series BG/KSF 6... and RG/KSF 6... can be accepted.
### Siedle Vario
**Letterboxes – Door panel**

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
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</thead>
<tbody>
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<td>Product description</td>
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<td>Dimensions</td>
<td>129</td>
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<tr>
<td>Application examples</td>
<td>130</td>
</tr>
<tr>
<td>Quotation service Siedle door panel letterboxes</td>
<td>132</td>
</tr>
</tbody>
</table>
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.

Dr. P. Müller

Mounting frame
MR 611-3/1-0

LED surface area light
LEDF 600-3/2-0

Space-saving letterbox housing for door panel mounting RGT 611-... inclusive of front plate
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 (recommended Siedle retail price exclusive of VAT).

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
☐ Multi
☐ DoorCom-IP
Call button modules
☐ with 1 button
☐ with 2 buttons
☐ with 3 buttons
☐ with 4 buttons

☐ IM 612-U
Info module
☐ BM 611-U
Dummy module
☐ BMM 611-U
Movement sensor module
☐ DRM 611-01
Display call module
☐ COM 611-02
Code lock module
☐ LLM 611-01
Easikey read module
☐ FPM 611-01
Fingerprint module
☐ Colour Camera Module
(Video is not possible in conjunction with 1+n technology)
☐ Camera module
Monochrome
(only for Multi)
☐ 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
☐ BSM 611-01
Lock module
Info sign module(s)
☐ 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

From
Company
Contact person
Street
Postal code, city
Phone
Fax
E-mail
Place and date
Building project
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

Please sketch in the grid:

Other requirements/remarks
Siedle Classic

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**Materials and surface finishes**

**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.

**Paintwork finish**
If required we can supply Siedle Classic in any required RAL shade (standard degree of gloss) 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.

**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.

**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)

**Please note:**
For the form sheet “Quotation service Siedle Classic” please see page 139.

Classic is available on request also in deviating system dimensions. Please get in touch with us to discuss the many varied possibilities available. See page 352.

---

**Structured micaceous iron ore paintwork finish**
**RAL paintwork finish of choice, pictured here in red, (silk matt)**
**Burnished brass**
**Aluminium**

**Stainless steel (V4A) untreated and brushed**
**Brass look (coated stainless steel)**
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 intercom unit corresponds to the Siedle Vario intercom module, with an electro-acoustic adjustment to compensate for the metal grid. The buttons are backlit by durable and energy-saving LEDs, their nameplates are exchanged from the front without dismantling the unit. If required, a call button can be used as a potential-free light button.

The audio door station is available as standard in 170 millimetre width with a maximum of eight buttons.

By special order, the dimensions can be increased in modular grid steps to accommodate additional buttons.

**Dimensions housing. Door loudspeaker, 1 call button**

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<td>Ambient temperature: -20°C to +55°C</td>
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<td>Dimensions housing (mm) W x H x D: 152 x 201 x 60</td>
<td>Dimensions front panel (mm) W x H x D: 170 x 219 x 2</td>
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**Dimensions front panel (mm) W x H x D:**

152 x 201 x 60

170 x 219 x 2

**Ambient temperature: -20°C to +55°C**

**Dimensions housing (mm) W x H x D:**

152 x 201 x 60

170 x 219 x 2

**Dimensions front panel (mm) W x H x D:**

170 x 219 x 2

**Dimensions housing. Door loudspeaker, 3 call buttons with backlit nameplates, exchangeable from the front.**

**Dimensions housing (mm) W x H x D:**

152 x 229 x 60

170 x 247 x 2

**Dimensions front panel (mm) W x H x D:**

170 x 247 x 2

**Dimensions housing. Door loudspeaker, 5 call buttons with backlit nameplates, exchangeable from the front.**

**Dimensions housing (mm) W x H x D:**

152 x 313 x 60

170 x 331 x 2

**Dimensions front panel (mm) W x H x D:**

170 x 331 x 2

**Dimensions housing. Door loudspeaker, 6 call buttons with backlit nameplates, exchangeable from the front.**

**Dimensions housing (mm) W x H x D:**

152 x 341 x 60

170 x 359 x 2

**Dimensions front panel (mm) W x H x D:**

170 x 359 x 2

**Dimensions housing. Door loudspeaker, 8 call buttons with backlit nameplates, exchangeable from the front.**

**Dimensions housing (mm) W x H x D:**

152 x 397 x 60

170 x 415 x 2

**Dimensions front panel (mm) W x H x D:**

170 x 415 x 2
Video door stations for In-Home bus

The Classic door stations with video camera accommodate up to four buttons as standard. Larger dimensions with more buttons are available as a non-standard version. In technical terms, the camera corresponds to the Vario modules BCMC. If required, an electromagnetic locking device can be installed as an anti-pilfer device. All Classic door stations are supplied as a pre-assembled complete unit including flush-mount housing. Delivery periods for the illustrated standard versions are indicated in the valid price list. For prices and delivery times of non-standard sizes, please enquire directly with Siedle. The buttons are backlit by durable and energy-saving LEDs, their nameplates are exchanged from the front without dismantling the unit. If required, a call button can be used as a potential-free light button.

Please make use of our quotation service.

In-Home bus

CL V 01 B C-01 plug+play
Classic door station with stainless steel front, V4A brushed, with flush-mount housing. Door loudspeaker, 1 call button with backlit nameplate, exchangeable from the front, colour CCD camera with integrated infrared lighting. Technically speaking, the camera corresponds to the vario modules BCMC. Ambient temperature: -20°C to +40°C
Dimensions housing (mm) W x H x D: 152 x 336 x 60
Dimensions front panel (mm) W x H x D: 170 x 354 x 2

CL V 02 B C-01 plug+play
Classic door station with stainless steel front, V4A brushed, with flush-mount housing. Door loudspeaker, 2 call buttons with backlit nameplates, exchangeable from the front, colour CCD camera with integrated infrared lighting. Technically speaking, the camera corresponds to the vario modules BCMC. Ambient temperature: -20°C to +40°C
Dimensions housing (mm) W x H x D: 152 x 364 x 60
Dimensions front panel (mm) W x H x D: 170 x 382 x 2

CL V 03 B C-01 plug+play
Classic door station with stainless steel front, V4A brushed, with flush-mount housing. Door loudspeaker, 3 call buttons with backlit nameplates, exchangeable from the front, colour CCD camera with integrated infrared lighting. Technically speaking, the camera corresponds to the vario modules BCMC. Ambient temperature: -20°C to +40°C
Dimensions housing (mm) W x H x D: 152 x 392 x 60
Dimensions front panel (mm) W x H x D: 170 x 410 x 2

CL V 04 B C-01 plug+play
Classic door station with stainless steel front, V4A brushed, with flush-mount housing. Door loudspeaker, 4 call buttons with backlit nameplates, exchangeable from the front, colour CCD camera with integrated infrared lighting. Technically speaking, the camera corresponds to the vario modules BCMC. Ambient temperature: -20°C to +40°C
Dimensions housing (mm) W x H x D: 152 x 420 x 60
Dimensions front panel (mm) W x H x D: 170 x 438 x 2

ZDS/CL
Anti-pilfer accessory for mounting in the Siedle Classic video door station as a concealed electromagnetic locking mechanism to secure the mounting screws.
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

Please note:
Where precise fitting cut-outs are provided for the flush-mount housing, allow additional 2 mm all-round in addition to the given dimension.
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From

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Designation

- Classic

Functionality

- Audio
- Video

Nameplate buttons

- Enter number (max. 48): _____ pcs.
- Next to each other, enter number (max. 4): _____ pcs.
- One above the other, enter number (max. 12): _____ pcs.

Technical system

- 1+n technology
- In-Home bus
- Multi
- DoorCom-IP 600

Type of camera

(Video is not possible in conjunction with 1+n technology)

- Colour
- Black and white (only for Multi)

Material

- Stainless steel (V4A) untreated and brushed
- Aluminium
- Burnished brass
- Brass look (coated stainless steel)

Paintwork finish (stainless steel)

- RAL paintwork finish of choice (standard degree of gloss silk matt), RAL _____
- Structured micaceous paintwork finish, EL _____
International Design Award
Baden-Württemberg 2000

Innovationspreis
Innovation Award
architecture and construction
in the category
“products of high architectural
quality” 2002

Premio Intel Design
Milan 1999

Good Design Award 2007
Accepted into the design col-
lection of the Chicago Ath-
enaum: Museum of Architec-
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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 first two pages provide an overview of the entire spectrum. A tip: When equipping the unit, remember the electro-magnetic anti-pilfer device!

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 four different ways: Flush, free-standing, in the door side panel and directly in glass.
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**
Electroacoustically 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

**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 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.

**Letterbox with removal from the front**
Pass-through flap, grip rail 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.

**Pass-through letterbox**
Solid pass-through flap and grip rail 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.
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.

LED spot
Directed light to emphasize house numbers, buttons and inscriptions.
**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.

**Lettering**

- **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.
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 keypads 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.
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.

### Dimensions in mm

![Dimensions Diagram]

- **min. 154**
- **67.5**
- **85**
- **6**

### 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 148.
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 148.

Please note:
Not suitable for mounting in concrete

The letterbox flap will be supplied with integrated damping action from June 2010.
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.

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
Pass-through shaft:
- 1 mm V4A steel
Name strip:
- Material as for the control level 4 mm
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 148.

Please note:
The letterbox flap will be supplied with integrated damping action from June 2010.
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: the concealed fixture used for the metal front acts not just as a design element but also provides added vandalism protection. The same applies to the invisible fixture of the call buttons and code lock, and the intercom system without accessible loudspeaker opening.
An electro-magnetic anti-pilfer device, accessible only by using a controller from inside the building, locks and unlocks 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

Carrier system:
• 10 mm V2A extruded aluminium sheath with micaceous iron ore finish

Base plate:
• Die cast aluminium with micaceous iron ore finish
• Rear protective cowlings 1.5 mm, same surface finish as the operating level, with aluminium and burnished brass V4A steel, painted

For more information on materials and surface finishes: see page 148.
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.

The front panel and housing are made completely in stainless steel. The micaceous iron ore finish of the mounting level shades into a 10 millimetre thick floor bracket which is screwed to the ground.

Dimensions in mm

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:
• 10 mm V2A extruded aluminium sheath with micaceous iron ore finish
Base plate:
• Die cast aluminium with micaceous iron ore finish
• Rear protective cowling 1.5 mm, same surface finish as the operating level with aluminium and burnished brass V4A steel, painted/For more information on materials and surface finishes: see page 148.

ZE/STL 462
Ground element accessory for free-standing communication pedestals in 462 mm width, made of stable, hot-dip galvanized sectional 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: 442 x 500 x 210

Please note:
The letterbox flap will be supplied with integrated damping action from June 2010
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.
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 2 mm V2A steel with micaceous iron ore
  paintwork finish

Rear side:
- 2 mm V4A natural brushed steel or painted
- Protective hood at the back:
  - 1.5 mm V4A natural brushed or painted
  - PS foam filling
  - 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
- Removal door at the back 1.5 mm V4A natural brushed steel, opening downwards

For more information on materials and surface finishes: see page 148.

Please note:
The letterbox flap will be supplied with integrated damping action from June 2010.
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

Siedle Steel
Siedle Steel

Quotation service
Fax to: +49 7723 63-72451
Simply copy, fill in and fax to your local representative!

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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).

---

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
- Movement sensor module
- Fingerprint
- Code lock
- Electronic key (non-contact card reader)
- Card reader holder
- Colour camera
(Vide is not possible in conjunction with 1+n technology)
- Flush-mounted colour camera
- Monochrome camera (only Multi)
- 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
  - pcs., letterbox with front removal
  - pcs., letterbox with rear removal for door panel solution
- 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

3. Lettering
(see right)

4. Installation type

- Flush-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

5. System

Intercom system for
- 1+n technology
- In-Home bus
- Multi
- 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

---

160
Lettering
Fax to: +49 7723 63-72451

Font
Standard lettering: Helvetica Medium. Other fonts available on request.

Call buttons
(no surcharge)
Solids: inscription by engraving
Backlit 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

<table>
<thead>
<tr>
<th>Width mm</th>
<th>Height mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>98</td>
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<td>238</td>
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<tr>
<td>378</td>
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<tr>
<td>518</td>
<td>518</td>
</tr>
<tr>
<td>658</td>
<td>658</td>
</tr>
</tbody>
</table>

Inscription box 2

<table>
<thead>
<tr>
<th>Width mm</th>
<th>Height mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>98</td>
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<tr>
<td>238</td>
<td>238</td>
</tr>
<tr>
<td>378</td>
<td>378</td>
</tr>
<tr>
<td>518</td>
<td>518</td>
</tr>
<tr>
<td>658</td>
<td>658</td>
</tr>
</tbody>
</table>

* Only possible with brushed stainless steel
** Not suitable for burnished brass
Red dot award
product design 2002

Design Award of the
Federal Republic of Germany
Nominated 2004

Innovationspreis
Innovation Award
architecture and construction
in the category
“products of high architectural
quality” 2004

Good Design Award 2007
Accepted into the design col-
lection of the Chicago
Athenaeum: Museum of
Architecture and Design
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
At the perimeter, on driveways, 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.

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.
The symbiosis of electronic communication technology with visitor guidance continues to provide benefits inside the building. A room sign with bell button and fingerprint reader is just as easily possible as integration of an LED surface area light in a wall panel.

Company names, room numbers, departments: Where inscriptions are planned to be permanent, they can be engraved, laser cut or printed. Other information such as names, functions or titles can frequently change. Here, editable inscriptions which can be changed with minimal expense are the obvious option.

Hanging signs are easily recognizable from a long distance and keep paths and walls uncluttered. They comprise a mounting level on which the supplied hanging fixture is mounted, and two cover panels for inscription. The mounting level is made of aluminium in order to save on weight. The entire range of material and lettering options is available for the cover panels.

Three-part information board with surface area light. The head panel with company logo ensures optimum visibility from afar. The central panel is used for close-range identification. It has a transparent, one-colour printed film glued over its whole surface. To update the inscription, the entire film is exchanged. The base panel neatly finishes off the bottom of the panel.

An intelligent combination used to denote sensitive areas. A combination of room identification and access control. Functions: Inscribable room sign Large-format buttons Fingerprint reader

The room signs are available in a one to four-part design. Each segment can be individually inscribed and exchanged.

A special brochure on the communication and signage system describes the many design possibilities and wide scope for application.

For planning and configuring your system please contact your local representative (see page 352).
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
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 0005 G

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/Cafeteria” 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

OSP 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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<tr>
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<td>System components, accessories</td>
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Application and performance features

**Performance features**
Siedle Fingerprint (FPM):
- Up to 100 users
- Up to 5 user groups

**Convenient**
- No more lost, misplaced or forgotten keys
- Always “at hand” without searching and rummaging
- An end to heavy, bulky key rings

**Security**
- Eliminates theft and copying of keys
- No usable traces left behind
- Identification of “live” finger (bio detection)

**Reliable**
- Unrestricted outdoor use under all climatic conditions
- Ergonomic finger guidance
- Integrated lighting

Electronic key (ELM):
- 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 and Siedle Steel.
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 doorknob 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 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 611-01**
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 doorknob 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 sec
- 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 352.

**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 against manipulation or theft of modules, we recommend using anti-piller device DSC 602-... and ZDS 601-...
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.

**EK 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

**COM 611-02**  
The code lock module as an input unit 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—... Electronic 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 against manipulation or theft of modules, we recommend using anti-vandal device DSC 602—... and ZDS 601—...

**FPM 611-01**  
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 sec.  
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 352.
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 with plug at each 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 602-0**
Programming software suitable for programming the RC/RCE 602-... or ECE/ECE 602-... in conjunction with an IBM-compatible PC via an RS 232 or USB interface. For programming the RC/RCE 602-..., a chip card reader can also be used.
- System requirements: Windows PC, Win 2000, Win XP/Vista (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 2000, Win XP/Vista (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 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

**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-...) is 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-...
- Bus programming software BPS 650-... is included in the scope of delivery. Interface to the Siedle In-Home bus via 6-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
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.

Application and 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

Performance features

- Programmable inputs for evaluation of the door release checkback contact or for door release (request to exit)
- “Door open” monitoring
- Entrance / exit reader possible

*Further extension possible with TCIP S 603-...
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

**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 TCP 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

**EK 601-0**
Electronic 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

**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 SFM 740-0.
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 611-01
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 352

COM 611-02
The code lock module as an input unit 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 card 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

Please note:
For more information, please contact your local representative.
See page 352

TCP 603-02
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 from Version 6.xx
• 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 and FPM – can be used in combination.
• Password-protected
• Central management in the network via any optional PC (Internet Explorer from Version 6.xx
• 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 and SCE extendable by a further 3 entrances and 10 exits
• 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
• 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 352

To protect against manipulation or theft of modules, we recommend using anti-pilfer device DSC 602-... and ZDS 601-...
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 of (internationally) widespread locations
- 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 352

**Application and performance features**
System components, accessories

TCIP 603-02
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 from Version 6.xx
• 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 and FPM – can be used in combination.
• Password-protected
• Central management in the network via any optional PC (Internet Explorer from Version 6.xx)
• 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 and SCE extendable by a further 3 entrances and 10 exits
• 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
• 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 S 603-0
The door controller IP Server TCIP S 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 chapters time profiles, public holidays/vacation, access groups and users are centrally managed and saved for several TCIP 603-... units.
• Password-protected
• Central management in the network via any optional PC (Internet Explorer from Version 7.xx.)
• 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 1000 users, depending on the capacity of the server and the network.
• Local configuration of menu points Inputs, Outputs, Readers, Network, System time/Time change and Doors
• Automatic time adjustment (when accessing NTP time server)
The TCIP S 603-0 is offered and sold exclusively through Siedle system integrators. We will be pleased to provide you with a list of system integrators in your area.

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 352
Siedle
in-house telephones

IF Product Design Award
2007

Innovation & Design Award
Top Selection
LivinLuce EnerMotive 2007

Red dot design award
winner 2007
„best of the best“

International Design Award
Baden-Württemberg 2007

Delta Award ADI-FAD
Barcelona 2007

Design Award of the
Federal Republic of Germany
Nominated 2008

Siedle
handsfree telephones

User convenience tested Universal Design IDZ 2008

Red dot design award
winner 2008
In-house and handsfree telephones

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In-house and handsfree telephones

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, Multi 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

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<td>ZTV 840-0</td>
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</table>
Model overview

Video

Table-tops

New: Siedle Scope

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 handsfree function and separate 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 addition to the permanently installed call station, also for retrofit integration in existing systems.

Available from the 4th quarter of 2010

More about Siedle Scope from page 280

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 safety 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.
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 bedridden 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: ... E/C/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: ... E/C/S

**Non-standard paintwork finishes**

- **Individual paintwork finish**
  - 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
### Intercom systems

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The specialist decides! But always: on a project-specific basis!

Siedle offers three systems for new installation: Wire-saving 1+n technology, the modern In-Home bus and the modular Multi system. Each of these has its own specific strengths and benefits, but all three offer scope for practically every conceivable requirement in the field of in-house communication. The choice of which system should be used in preference for a concrete application can only be decided by an electrical specialist after appraising the site. 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 representative or the headquarters in Furtwangen directly - we will be pleased to help.

### Application area

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<td>Simple multiple-family home</td>
<td>++</td>
<td>+</td>
<td>0</td>
</tr>
<tr>
<td>Upmarket multiple-family home</td>
<td>+</td>
<td>++</td>
<td>++</td>
</tr>
<tr>
<td>Functional building</td>
<td>0</td>
<td>++</td>
<td>++</td>
</tr>
<tr>
<td><strong>Renovation/reconstruction</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unknown conductor quality</td>
<td>++</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Existing bell system</td>
<td>++</td>
<td>+</td>
<td>0</td>
</tr>
<tr>
<td>Existing bell / DR system</td>
<td>+</td>
<td>++</td>
<td>0</td>
</tr>
<tr>
<td>Existing multiple-wire system</td>
<td>+</td>
<td>++</td>
<td>0</td>
</tr>
<tr>
<td>Existing CAT5 installation</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

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

#### Multi
- Flexible, modular bus system with coaxial video
- 500 users can be addressed, of which up to 254 door stations in any optional design
- High communication performance, in group configurations up to 15 speech and video channels possible
- Elevator, emergency call and fault signalling units
- Efficient caretaker and security service functions
- Paging announcements and alarm systems
- Decentral organization, all system users can be connected at any optional location

* 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.
<table>
<thead>
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<th>System performance features</th>
<th>Siedle In-Home</th>
<th>1+n technology</th>
<th>Siedle Multi</th>
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</thead>
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<tr>
<td>Technology</td>
<td>2-wire bus technology</td>
<td>1+n technology</td>
<td>8/10-wire bus technology with coaxial video</td>
</tr>
<tr>
<td>Cable routing</td>
<td>Bus installation</td>
<td>Star installation</td>
<td>Bus installation</td>
</tr>
<tr>
<td>Exchangeable cores</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>YR light current conductor</td>
<td>• (according to specification)</td>
<td>•</td>
<td>• (according to specification)</td>
</tr>
<tr>
<td>Siedle in-house telephone equipment</td>
<td></td>
<td></td>
<td>Coaxial for video transmission</td>
</tr>
<tr>
<td>Door release / Light button</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Audio privacy device</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Storey call with call differentiation</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Call differentiation door/callstorey call/normal call</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Chime signalling</td>
<td>B/T/SV/BTC/BTCV/BFS/BFSV/BFC/BFCV/HTC</td>
<td>HT 644.../HT 840.../HTSV/HTV</td>
<td>HT 644.../HT 840.../HTSV/HTV</td>
</tr>
<tr>
<td>Call silencing</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volume control from the outside</td>
<td>•</td>
<td>•</td>
<td></td>
</tr>
<tr>
<td>Video actuation and video privacy device</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Table-top mounting with accessory</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>System functions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Speech volume control</td>
<td>stepless at the BTLM, in 5 steps at the BFS/BFSV/BFC/BFCV</td>
<td>stepless at the TLM, in 5 steps at the HTV/HTV</td>
<td>stepless at the TLM, in 5 steps at the HT/HT 840, BTI/HTV</td>
</tr>
<tr>
<td>Door release switching duration</td>
<td>fixed at 3 secs</td>
<td>fixed at 3 secs</td>
<td>freely configurable (default setting 3 secs)</td>
</tr>
<tr>
<td>Light actuation</td>
<td>without additional installation</td>
<td>without additional installation</td>
<td>without additional installation</td>
</tr>
<tr>
<td>Function: Door release and light</td>
<td>at any time</td>
<td>at any time</td>
<td>at any time</td>
</tr>
<tr>
<td>Parallel call from telephones</td>
<td>max. 4 units, max. 8 units with supplementary power supply</td>
<td>max. 2 units at the side circuit, max. 6 units with GC</td>
<td>max. 4 units without restrictions from 4 units with supplementary power supply</td>
</tr>
<tr>
<td>Secondary signal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- own unit</td>
<td>BNS</td>
<td></td>
<td>BNS</td>
</tr>
<tr>
<td>- accessory to actuate external signal</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Storey door loudspeaker with call differentiation</td>
<td>•</td>
<td>• with HTC</td>
<td>•</td>
</tr>
<tr>
<td>Internal communication</td>
<td>max. 31 units</td>
<td>max. 6 units</td>
<td>max. 16 connections</td>
</tr>
<tr>
<td>Switching/control functions without supplementary installation</td>
<td>•</td>
<td>with HTC</td>
<td>•</td>
</tr>
<tr>
<td>Status display with LEDs (via separate installation)</td>
<td>BTC/BFC/BTCV/BFCV 8 units</td>
<td>BTC 2 units</td>
<td>HT 644.../HT 840.../HTSV/HTV</td>
</tr>
<tr>
<td>Direct door dialling without door call</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
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<td>Intercom functions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Internal communication/colective call</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Doomatic function</td>
<td>BTC/BFC/BTCV/BFCV</td>
<td>•</td>
<td>for 10 users per door</td>
</tr>
<tr>
<td>Call forwarding</td>
<td>–</td>
<td>–</td>
<td>HT 644...</td>
</tr>
<tr>
<td>Retouring</td>
<td>BTC/BFC/BTCV/BFCV</td>
<td>–</td>
<td>HT 644.../HT 840.../HTSV/HTV</td>
</tr>
<tr>
<td>Call divert</td>
<td>–</td>
<td>–</td>
<td>HT 644.../HT 840.../HTSV/HTV</td>
</tr>
<tr>
<td>Group concierge (user group call divert)</td>
<td>–</td>
<td>–</td>
<td>• HT 644...</td>
</tr>
<tr>
<td>Automatic internal call pick-up</td>
<td>BTC/BFCV</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Callback</td>
<td>BTC/BFCV</td>
<td>•</td>
<td>HT 644.../HT 840.../HTSV/HTV</td>
</tr>
<tr>
<td>Fire alarm</td>
<td>•</td>
<td>•</td>
<td>HT 644.../HT 840.../HTSV/HTV</td>
</tr>
<tr>
<td>Transmit emergency call/alarm call</td>
<td>BTC/BFCV</td>
<td>•</td>
<td>HT 840.../HTSV/HTV</td>
</tr>
<tr>
<td>Receive emergency call/alarm call</td>
<td>•</td>
<td>•</td>
<td>HT 644...</td>
</tr>
<tr>
<td>Announcement</td>
<td>BTC/BFCV</td>
<td>–</td>
<td>HT 644...</td>
</tr>
<tr>
<td>Mounting and commission</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Programming required after commissioning, unit exchange</td>
<td>•</td>
<td>no</td>
<td>•</td>
</tr>
<tr>
<td>Plug+Play programming *</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Programming support</td>
<td>Acoustic</td>
<td>Not required</td>
<td>Not required</td>
</tr>
<tr>
<td>Single-handed commission</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>System upgrading</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of door stations</td>
<td>max. 225</td>
<td>max. 8</td>
<td>max. 254</td>
</tr>
<tr>
<td>Switchover in case of multiple door systems</td>
<td>without supplementary units</td>
<td>without supplementary units</td>
<td>without supplementary units</td>
</tr>
<tr>
<td>Max. no. of users</td>
<td>465</td>
<td>500</td>
<td>500</td>
</tr>
<tr>
<td>Speech changes (where applicable with supplementary units)</td>
<td>max. 15 (1 per line)</td>
<td>1 (plus 1 per ETC + GC)</td>
<td>2 global or 1 global and max. 15 local</td>
</tr>
<tr>
<td>Video channels (if applicable with supplementary units)</td>
<td>max. 15 (1 per line)</td>
<td>–</td>
<td>4 global or 3 global and max. 15 local</td>
</tr>
<tr>
<td>Range audio (with 0.8 mm dia.)</td>
<td>300 m per line</td>
<td>900 m across lines</td>
<td>500 m</td>
</tr>
<tr>
<td>Range video (with 0.8 mm dia.)</td>
<td>150 m per branch with TVT/SF 300 m across lines</td>
<td>1000 m / coaxial cable</td>
<td></td>
</tr>
<tr>
<td>Laid cable in the system</td>
<td>1500 m per line</td>
<td>2500 m</td>
<td>5000 m</td>
</tr>
<tr>
<td>System interlinking</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>with Siedle Video</td>
<td>B/T/SV/BTC/BFS/BFCV</td>
<td>–</td>
<td>HTSV/HTV/MOM/MMOC/AVI</td>
</tr>
<tr>
<td>Connection to TC systems</td>
<td>• via DCA 650...</td>
<td>• via DCA 612...</td>
<td>• via DCA AT SET 740...</td>
</tr>
<tr>
<td>Network with Siedle Vario</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Docum. of programming at the PC</td>
<td>•</td>
<td>–</td>
<td>•</td>
</tr>
<tr>
<td>Connection to PC networks</td>
<td>• via DCIP 650...</td>
<td>•</td>
<td>•</td>
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Intercom systems
In-Home bus

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<td>Control units, supply and programming accessories</td>
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<td>System examples</td>
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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/BFSV/
  BFSV/BFC/BFCV 850-..., ...
• BNG/BVNG 650-... and
• BTLM 650-03/-04 with
  BTM 650-01 to BTM 650-04

• C L A xx B-01, C L V xx B C -01
• BTLE 050-03 with
  BRMA 050-01.

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.
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 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.
**Intercom systems**

**In-Home bus**

**Order placement overview**

### Siedle Vario modules

<table>
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<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTLM 650-04 COM 611-02</td>
<td></td>
</tr>
<tr>
<td>BTM 650-01 ELM 611-01</td>
<td></td>
</tr>
<tr>
<td>BTM 650-02 DRM 611-01</td>
<td></td>
</tr>
<tr>
<td>BTM 650-03 FPM 611-01</td>
<td></td>
</tr>
<tr>
<td>BTM 650-04 LEDS 600-0</td>
<td></td>
</tr>
<tr>
<td>BCMC 650-0 LEDM 600-0</td>
<td></td>
</tr>
<tr>
<td>BMM 611-0 BM 612-0</td>
<td></td>
</tr>
<tr>
<td>SM 611-01 SDM 600-0</td>
<td></td>
</tr>
<tr>
<td>KLM 611-0 BM 611-0</td>
<td></td>
</tr>
</tbody>
</table>

### Frame and housing

**Flush-mounting**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GU 611-1/1-0</td>
<td></td>
</tr>
<tr>
<td>MR 611-1/1-0</td>
<td></td>
</tr>
<tr>
<td>KR 611-1/1-u</td>
<td></td>
</tr>
<tr>
<td>GU 611-2/1-0</td>
<td></td>
</tr>
<tr>
<td>MR 611-2/1-0</td>
<td></td>
</tr>
<tr>
<td>KR 611-2/1-0</td>
<td></td>
</tr>
<tr>
<td>KR 611-2/2-0</td>
<td></td>
</tr>
<tr>
<td>GU 611-3/1-0</td>
<td></td>
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<td>MR 611-3/1-0</td>
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<tr>
<td>KR 611-3/1-0</td>
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<td>KR 611-3/2-0</td>
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<td>KR 611-3/3-0</td>
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<td>GU 611-4/1-0</td>
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<td>MR 611-4/1-0</td>
<td></td>
</tr>
<tr>
<td>KR 611-4/1-0</td>
<td></td>
</tr>
<tr>
<td>KR 611-4/2-0</td>
<td></td>
</tr>
<tr>
<td>KR 611-4/3-0</td>
<td></td>
</tr>
</tbody>
</table>

### Functions

**Custom-fit door loudspeaker**

- BTLE 050-03
- BRMA 050-01

**Video**

- BCMC 650-0 (Optional item: Anti-pilfer device for the camera module 1 x DSC 602-0 and 1 x ZDS 601-0)

**Mains power supply**

- BNG 650-0
- BVNG 650-0
- TR 603-0

**Indoor call stations**

- BTS 850-02
- BFS 850-02
- BTC 850-02
- BFC 850-0
- BNS 750-02
- BTSV 850-03
- BFSV 850-03
- BTCV 850-02
- BFCV 850-0
- S 850-0
- SZM 850-0
Frame and housing
Surface-mounting

MR 611-1/1-0
GA 612 1/1-u

MR 611-2/1-0
GA 612-2/1-0
GA 612-2/2-u

MR 611-3/1-0
GA 612-3/1-0
GA 612-3/2-0
GA 612-3/3-0

MR 611-4/1-0
GA 612-4/1-0
GA 612-4/2-0
GA 612-4/3-0

Purchase order overview for single-line systems up to max. 31 users.

Control and signalling

BSE 650-0
Bus switching unit with one changeover contact for control functions

BEM 650-0
Bus input module for link-up of external signalling units or buttons to the In-Home bus

BSM 650-02
Bus switching module for executing max. 4 control functions

BIM 650-02
Bus interface module for connection facility of the COM 611-02 or DRM 611-01 (digital call input)

EC 602-03
Entrance controller as electronic evaluating circuit for switching functions in conjunction with modules COM 611-02, ELM 611-01 and FPM 611-01 *

TR 603-0
*FPM 611-01 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 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

BVU 650-0
Asymmetrical video distributor

BV V 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 signaling
- 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

*Alternatively: Activation of BNG by additional wires

**Side circuit installation with loop through**

**Side circuit installation with spur line**
Door loudspeakers plug in

**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

**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

**BRMA 050-01**
Bus call button matrix for the connection of existing call buttons to the bus custom-fit door loudspeaker BTLE 050-... 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-...
Dimensions (mm) W x H x D: 53 x 100 x 17

**BTLE 050-03**
Bus custom-fit door loudspeaker for Siedle In-Home bus for on-site intercom compartments, door constructions, letterboxes etc.
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.
Max. 14 bus call button matrices BRMA 050-... can be connected; i.e. for a maximum of 160 of the customer’s own on-site call buttons. 1 BTLE 050-... corresponds to 2 system users.
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

**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.
Protection system: IP 54
Ambient temperature: -20°C to +55°C
Pass-through size (mm) W x H: 331 x 31.6
Dimensions (mm) W x H x D: 409 x 645 x 125
### 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/flight 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: 90 x 200 x 45

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. Slip-proof console with 2 rubber feet but without UAE 8 junction box. Connecting cable: 2 x 8-pole 3 m long. 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 choose from.
- Call volume adjustable in 5 stages up to max. 83 dB(A).
- Door release/flight 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
- With the functions calling, speech, door release, light, storey call/switching and control functions and internal communication integrated
- With no prior door call
- 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: 105 x 200 x 45

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 | Order key black housing
---|---|---
White | ...W | ...W

Design variants with panel | Order key translucent housing | Order key black housing
---|---|---
Stainless steel | ...ET | ...ET
Aluminium | ...AT | ...AT
High gloss white | ...WH/T | ...WH/T
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

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 BFS 650—.. V2.x

ZTS 800-02
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 BFS 650—.. V2.x

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 by means of bus cores
- Door release possible at any time, also with no prior door call
- 8 LED’s 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

Handfree bus telephones and accessories

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 calls/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 LED’s for display (e.g. door open) without additional wiring
- 8 integrated function keys, 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

BNS 750-02
Bus secondary signal unit in low-profile surface-mounted design with loudspeaker, 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

<table>
<thead>
<tr>
<th>Standard variant without panel</th>
<th>Order key white housing</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>W</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Design variants with panel</th>
<th>Order key translucent housing</th>
<th>Order key black housing</th>
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</thead>
<tbody>
<tr>
<td>Stainless steel</td>
<td>E/T</td>
<td>ES</td>
</tr>
<tr>
<td>Aluminum</td>
<td>A/T</td>
<td>A/S</td>
</tr>
<tr>
<td>High gloss white</td>
<td>WH/T</td>
<td>WH/S</td>
</tr>
<tr>
<td>High gloss black</td>
<td>SH/T</td>
<td>SH/S</td>
</tr>
<tr>
<td>Gold</td>
<td>EG/T</td>
<td>EG/S</td>
</tr>
<tr>
<td>Chrome</td>
<td>EC/T</td>
<td>EC/S</td>
</tr>
<tr>
<td>Wenge</td>
<td>HW/T</td>
<td>HW/S</td>
</tr>
<tr>
<td>Bamboo</td>
<td>HB/T</td>
<td>HB/S</td>
</tr>
</tbody>
</table>

Example BFS 850-02 W
Further execution on demand

204
• 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: 90 x 200 x 23

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.

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

BNS 750-02
Bus secondary signal unit in low-profile surface-mounted design with loudspeaker, volume control adjustable from the outside and electronic call generator, programmable in parallel to the BTS/BFS/ BTC/BFC/8TS/V/BFSV/BTCV/8FCV 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 for 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 T 1 250 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): 3
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.
ZBVG 650-0 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): 3
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

**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

---

<table>
<thead>
<tr>
<th>Switch panel units</th>
<th>(GU) Grid units/surface mount cover</th>
</tr>
</thead>
<tbody>
<tr>
<td>NG 602-0</td>
<td>6 (ZAP 6-0)</td>
</tr>
<tr>
<td>TR 602-0</td>
<td>3 (ZAP 3-0)</td>
</tr>
<tr>
<td>BNG 650-0</td>
<td>9 (ZAP 9-0)</td>
</tr>
<tr>
<td>BIM 650-02</td>
<td>3 (ZAP 3-0)</td>
</tr>
<tr>
<td>BIM 650-02</td>
<td>3 (ZAP 3-0)</td>
</tr>
</tbody>
</table>

---

Dimensions (mm) W x H x D:

- **BNG 650-0 plug & play**: 162 x 89 x 60
- **ZBVG 650-0 plug & play**: 53.5 x 50 x 60
- **NG 602-01**: 107 x 89 x 60
- **BIM 650-02**: 53.5 x 89 x 60
- **ZAP 3-0**: 53.5 x 50 x 60
- **ZAP 6-0**: 110 x 50 x 60
- **ZAP 9-0**: 164 x 50 x 60
**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

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**ZHSB 650-0**
Top hat rail fixture accessory for switch panel mounting of BSE/BEM 650-..., BV/S/BV/BV/BAA 650-... etc.

- Set of 5 pcs.
- Dimensions (mm): W x H x D: 18 x 60 x 20

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**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)

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**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 ZBV 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
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 socket (ZWA 640-... recommended) or via 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 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 602-0**
Programming software suitable for programming the RC/RCCE 602-... or EC/ECE 602-... in conjunction with an IBM-compatible PC via an RS 232 or USB interface.
System requirements: Windows PC, Win 2000, Win XP/Vista (32 Bit)
### System examples

#### Siedle In-Home bus: Audio with Vario surface-mount system

<table>
<thead>
<tr>
<th></th>
<th>1 RU</th>
<th>2 RU</th>
<th>3 RU</th>
<th>4 RU</th>
<th>6 RU</th>
<th>8 RU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door loudspeaker module</td>
<td>1 BTM 650-04</td>
<td>1 BTM 650-04</td>
<td>1 BTM 650-04</td>
<td>1 BTM 650-04</td>
<td>1 BTM 650-04</td>
<td>1 BTM 650-04</td>
</tr>
<tr>
<td>Call button module</td>
<td>1 BNG 650-00</td>
<td>1 BNG 650-00</td>
<td>1 BNG 650-00</td>
<td>1 BNG 650-00</td>
<td>1 BNG 650-00</td>
<td>1 BNG 650-00</td>
</tr>
<tr>
<td>Surface-mount housing</td>
<td>1 TA 612-2/1-0</td>
<td>1 TA 612-2/1-0</td>
<td>1 TA 612-2/1-0</td>
<td>1 TA 612-2/1-0</td>
<td>1 TA 612-2/1-0</td>
<td>1 TA 612-2/1-0</td>
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<tr>
<td>Mounting frame</td>
<td>1 MR 611-2/1-0</td>
<td>1 MR 611-2/1-0</td>
<td>1 MR 611-2/1-0</td>
<td>1 MR 611-2/1-0</td>
<td>1 MR 611-2/1-0</td>
<td>1 MR 611-2/1-0</td>
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<tr>
<td>Current supply</td>
<td>1 BNG 650-00</td>
<td>1 BNG 650-00</td>
<td>1 BNG 650-00</td>
<td>1 BNG 650-00</td>
<td>1 BNG 650-00</td>
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<tr>
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<td>2 BTS 850-02 W</td>
<td>3 BTS 850-02 W</td>
<td>4 BTS 850-02 W</td>
<td>6 BTS 850-02 W</td>
<td>8 BTS 850-02 W</td>
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<tr>
<td>Comfort bus telephone</td>
<td>1 BFC 850-0 W</td>
<td>2 BFC 850-0 W</td>
<td>3 BFC 850-0 W</td>
<td>4 BFC 850-0 W</td>
<td>6 BFC 850-0 W</td>
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<tr>
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<td>1 BFS 850-02 W</td>
<td>2 BFS 850-02 W</td>
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#### Siedle In-Home bus: Audio with Vario flush-mount system

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<tr>
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<td>1 BNG 650-00</td>
<td>1 BNG 650-00</td>
<td>1 BNG 650-00</td>
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<tr>
<td>Flush-mount housing</td>
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<td>1 GU 611-2/1-0</td>
<td>1 GU 611-2/1-0</td>
<td>1 GU 611-2/1-0</td>
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<td>Mounting frame</td>
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<td>1 MR 611-2/1-0</td>
<td>1 MR 611-2/1-0</td>
<td>1 MR 611-2/1-0</td>
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<tr>
<td>Combination frame</td>
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<tr>
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<tr>
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#### Siedle In-Home bus: Audio with Siedle Classic

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<td>Door station</td>
<td>1 CL A 01 B-01</td>
<td>1 CL A 02 B-01</td>
<td>1 CL A 03 B-01</td>
<td>1 CL A 04 B-01</td>
<td>1 CL A 06 B-01</td>
<td>1 CL A 08 B-01</td>
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<tr>
<td>Current supply</td>
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<td>1 BNG 650-00</td>
<td>1 BNG 650-00</td>
<td>1 BNG 650-00</td>
<td>1 BNG 650-00</td>
<td>1 BNG 650-00</td>
</tr>
<tr>
<td>Standard bus telephone</td>
<td>1 BTS 850-02 W</td>
<td>2 BTS 850-02 W</td>
<td>3 BTS 850-02 W</td>
<td>4 BTS 850-02 W</td>
<td>6 BTS 850-02 W</td>
<td>8 BTS 850-02 W</td>
</tr>
<tr>
<td>Comfort bus telephone</td>
<td>1 BFC 850-0 W</td>
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<td>4 BFC 850-0 W</td>
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<tr>
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<td>1 BFS 850-02 W</td>
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<td>4 BFS 850-02 W</td>
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<td>Comfort intercom</td>
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### Siedle In-Home bus: Audio with custom-fit door loudspeaker

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<tr>
<td>Custom-fit door loudspeaker</td>
<td>BTLE 050-03</td>
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<td>BTLE 050-03</td>
<td>BTLE 050-03</td>
<td>BTLE 050-03</td>
<td>BTLE 050-03</td>
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<tr>
<td>Bus call button matrix</td>
<td>BRMA 050-01</td>
<td>BRMA 050-01</td>
<td>BRMA 050-01</td>
<td>BRMA 050-01</td>
<td>BRMA 050-01</td>
<td>BRMA 050-01</td>
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<tr>
<td>Current supply</td>
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<td>BNG 650-0</td>
<td>BNG 650-0</td>
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<tr>
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<td>BTC 850-02 W</td>
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<tr>
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<td>BFS 850-02 W</td>
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<td>BFC 850-0 W</td>
<td>BFC 850-0 W</td>
<td>BFC 850-0 W</td>
</tr>
</tbody>
</table>
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 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 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 sec.
Ambient temperature: -20°C to +55°C
Protection system: IP 54

<table>
<thead>
<tr>
<th>Dimensions (mm)</th>
<th>W x H x D:</th>
</tr>
</thead>
<tbody>
<tr>
<td>99 x 99 x 35</td>
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**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 approx. 60°, vertical appr. 50°
- Additional mechanical adjustment range by approx. 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 approx. 1.50m
- Protection system: IP 54, IK 8
- Ambient temperature: -20°C to +40°C

<table>
<thead>
<tr>
<th>Dimensions (mm)</th>
<th>W x H x D:</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 x 340 x 33</td>
<td></td>
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</tbody>
</table>

**5BV 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 approx. 60°, vertical appr. 50°
- Additional mechanical adjustment range by approx. 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
- Pass-through size (mm) W x H: 331 x 31.6

<table>
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<th>Dimensions (mm)</th>
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<tbody>
<tr>
<td>409 x 645 x 125</td>
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</table>

**BRMA 050-01**
Bus call button matrix for the connection of existing call buttons to the bus custom-fit door loudspeaker BTLE 050-... 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-...

<table>
<thead>
<tr>
<th>Dimensions (mm)</th>
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</thead>
<tbody>
<tr>
<td>53 x 100 x 17</td>
<td></td>
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</table>

**BTLE 050-03**
Bus custom-fit door loudspeaker for Siedle In-Home bus for on-site intercom compartments, door constructions, letterboxes etc. 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 ZI 051-... can be screwed on directly.
Max. 14 bus call button matrices

**BRMA 050-...** can be connected; i.e. for a maximum of 160 of the customer’s own on-site call buttons. 1 BTLE 050-... corresponds to 2 system users.

Protection system: Dependent on the mounting conditions.

<table>
<thead>
<tr>
<th>Dimensions (mm)</th>
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<tr>
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</thead>
<tbody>
<tr>
<td>100 x 60 x 31</td>
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</tbody>
</table>
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

**Breadcrumb 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 480 lines
- 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 monochrome 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
- Connecting cable in wall arm
- 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
- 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. 160 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

External cameras

**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.
- 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 56

**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 5
Bus telephones and accessories plug+play

**BTSV 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 BTSV 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: 105 x 277 x 45

**BTCV 850-02**
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 for 28 colour pictures (file format *.tiff, 640 x 480 Pixel) Additional power supply required
- Upgradable with SD card up to 255 colour pictures (32 MB to 2 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 850-0 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 BSMF 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: 105 x 277 x 45

<table>
<thead>
<tr>
<th>Standard variant without panel</th>
<th>Order key white housing</th>
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</thead>
<tbody>
<tr>
<td>White</td>
<td>...W</td>
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</table>

<table>
<thead>
<tr>
<th>Design variants with panel</th>
<th>Order key translucent housing</th>
<th>Order key black housing</th>
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<tbody>
<tr>
<td>Stainless steel</td>
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</tr>
<tr>
<td>Aluminium</td>
<td>...A/T</td>
<td>...A/S</td>
</tr>
<tr>
<td>High gloss white</td>
<td>...WH/T</td>
<td>...WH/S</td>
</tr>
<tr>
<td>High gloss black</td>
<td>...SH/T</td>
<td>...SH/S</td>
</tr>
<tr>
<td>Gold</td>
<td>...EG/T</td>
<td>...EG/S</td>
</tr>
<tr>
<td>Chrome</td>
<td>...EC/T</td>
<td>...EC/S</td>
</tr>
<tr>
<td>Wenge</td>
<td>...HW/T</td>
<td>...HW/S</td>
</tr>
<tr>
<td>Bamboo</td>
<td>...HB/T</td>
<td>...HB/S</td>
</tr>
</tbody>
</table>

Example BTSV 850-03 W

Further execution on demand

Intercom systems
In-Home bus
Video
**ZTCV 850-0**
Table-top accessory for bus telephones with colour monitor BTCV/BFCV 850-0 as well as BTSV/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 loudspeaker, 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

**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 silenting and speech/remote 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 silenting and status display
- Optical call display by flashing of the speech button
- Parallel operation of max. 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 silenting button can be freely configured and double assigned
- Door release / light function at any time via the bus line
- Door/visual 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: 105 x 277 x 23

**BFCV 850-0**
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), additional supply required.
- Upgradable with SD card up to 255 colour pictures (32 MB to 2 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 silenting 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. Optional 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: 105 x 277 x 23

**ZTCV 850-0**
Table-top accessory for bus telephones with colour monitor BTCV/BFCV 850-0 as well as BTS/BSFV 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 5

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<table>
<thead>
<tr>
<th>Standard variant without panel</th>
<th>Order key white housing</th>
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<td>White</td>
<td>...W</td>
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<table>
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<td>Aluminium</td>
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<td>...HBWS</td>
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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 loudspeaker, 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 cordless DECT telephone with door video function 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 zoom and swivel function
• Call forwarding, e.g. to a mobile phone, also for door calls (including PIN-protected door release)
• Control of house functions such as light, garage door or shutters
• Communication between Scope and all other In-Home devices
• Doomatic
• 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
• 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
• Adjustable menu languages
• 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: 0°C bis +40°C
Dimensions (mm) W x H x D:
Base station 180 x 180 x 32,
mobile section 170.5 x 50 x 25,
charger tray 100 x 100 x 28
Available from the 4th quarter of 2010

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: 0°C bis +40°C
Dimensions (mm) W x H x D:
Mobile section 170.5 x 50 x 25,
charger tray 100 x 100 x 28
Available from the 4th quarter of 2010

For design variants, please see the table on page 286
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 ZBVG 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-... as a video amplifier.

**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
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

BIM 650-02
Bus interface module in switch panel housing, used for connection between Siedle Variobus 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 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)
BVMc 650-0 | 9 (ZAP 9-0)
BIM 650-02 | 3 (ZAP 3-0)
BVM 650-02 | 3 (ZAP 3-0)
IEB 600-0 | 3 (ZAP 3-0)
Intercom systems
In-Home bus
Video

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.
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

BVUU 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. 8TS, BFS, BTC, BFC, BTLM6BTLE 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 ZBV 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-..., BVV/SBVU/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 +/-10%, 50/60 Hz.
Output voltage: 12 V AC.
Output current: max. 2.5 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

BIM 650-02
Bus interface module in switch panel housing, used for connection between Siedle Variobus 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 Variobus system.
The electronic conversion circuit is equipped with a bilateral connecting cable from Sub-0 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 Variobus system.
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 602-0 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 BNGV 650-... via ZBVG 650-... is included in the scope of delivery.
The bus programming software BPS 650-... is included in the scope of delivery.
Only one PRI 602-... USB can be connected to a 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

PRS 602-0
Programming software suitable for programming the RC/RCE 602-... or EC/ECE 602-... in conjunction with an IBM-compatible PC via an RS 232 or USB interface.
### Siedle In-Home bus: Video with Vario surface-mount system

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<tr>
<th></th>
<th>1 RU</th>
<th>2 RU</th>
<th>3 RU</th>
<th>4 RU</th>
<th>6 RU</th>
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<td>1 BTLM 650-04</td>
<td>1 BTLM 650-04</td>
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<td>Call button module</td>
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<td>4 BTSV 850-03 W</td>
<td>6 BTSV 850-03 W</td>
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### Siedle In-Home bus: Video with Vario flush-mount system

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<th>3 RU</th>
<th>4 RU</th>
<th>6 RU</th>
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<tr>
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<td>1 BTLM 650-04</td>
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<td>Camera module</td>
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<td>1 MR 611-3/1-0</td>
<td>1 MR 611-3/1-0</td>
<td>1 MR 611-3/1-0</td>
<td>1 MR 611-3/1-0</td>
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<tr>
<td>Combination frame</td>
<td>1 KR 611-3/1-0</td>
<td>1 KR 611-3/1-0</td>
<td>1 KR 611-3/1-0</td>
<td>1 KR 611-3/1-0</td>
<td>1 KR 611-3/1-0</td>
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<tr>
<td>Current supply</td>
<td>1 BVNG 650-0</td>
<td>1 BVNG 650-0</td>
<td>1 BVNG 650-0</td>
<td>1 BVNG 650-0</td>
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<tr>
<td>Video distributor*</td>
<td>1 TR 603-0</td>
<td>1 TR 603-0</td>
<td>1 TR 603-0</td>
<td>1 TR 603-0</td>
<td>1 TR 603-0</td>
<td>1 TR 603-0</td>
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<tr>
<td>Anti-piller device</td>
<td>2 ZDS 601-0</td>
<td>2 ZDS 601-0</td>
<td>2 ZDS 601-0</td>
<td>2 ZDS 601-0</td>
<td>2 ZDS 601-0</td>
<td>2 ZDS 601-0</td>
</tr>
<tr>
<td>Bus telephone</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard with colour monitor</td>
<td>1 BTSV 850-03 W</td>
<td>2 BTSV 850-03 W</td>
<td>3 BTSV 850-03 W</td>
<td>4 BTSV 850-03 W</td>
<td>6 BTSV 850-03 W</td>
<td>8 BTSV 850-03 W</td>
</tr>
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### Siedle In-Home bus: Video with Siedle Classic

<table>
<thead>
<tr>
<th></th>
<th>1 RU</th>
<th>2 RU</th>
<th>3 RU</th>
<th>4 RU</th>
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<tbody>
<tr>
<td>Door station</td>
<td>1 CL V 01 B C-01</td>
<td>1 CL V 02 B C-01</td>
<td>1 CL V 03 B C-01</td>
<td>1 CL V 04 B C-01</td>
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<tr>
<td>Current supply</td>
<td>1 BVNG 650-0</td>
<td>1 BVNG 650-0</td>
<td>1 BVNG 650-0</td>
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<tr>
<td></td>
<td>1 TR 602-01</td>
<td>1 TR 602-01</td>
<td>1 TR 602-01</td>
<td>1 TR 602-01</td>
</tr>
<tr>
<td>Video distributor*</td>
<td>2 BVVU 650-0</td>
<td>3 BVVU 650-0</td>
<td>4 BVVU 650-0</td>
<td></td>
</tr>
<tr>
<td>Anti-pilfer device</td>
<td>1 ZDS/CL</td>
<td>1 ZDS/CL</td>
<td>1 ZDS/CL</td>
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</tr>
<tr>
<td>Bus telephone</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard with colour monitor</td>
<td>1 BTVS 850-03 W</td>
<td>2 BTVS 850-03 W</td>
<td>3 BTVS 850-03 W</td>
<td>4 BTVS 850-03 W</td>
</tr>
<tr>
<td>Bus telephone</td>
<td></td>
<td></td>
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<tr>
<td>Comfort with colour monitor**</td>
<td>1 BTCV 850-02 W</td>
<td>2 BTCV 850-02 W</td>
<td>3 BTCV 850-02 W</td>
<td>4 BTCV 850-02 W</td>
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<tr>
<td>Handsfree bus telephone</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard with colour monitor</td>
<td>1 BFSV 850-03 W</td>
<td>2 BFSV 850-03 W</td>
<td>3 BFSV 850-03 W</td>
<td>4 BFSV 850-03 W</td>
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<tr>
<td>Handsfree bus telephone</td>
<td></td>
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<tr>
<td>Comfort intercom with colour monitor**</td>
<td>1 BFVC 850-0 W</td>
<td>2 BFVC 850-0 W</td>
<td>3 BFVC 850-0 W</td>
<td>4 BFVC 850-0 W</td>
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<tr>
<td>Siedle Scope cordless DECT telephone</td>
<td></td>
<td></td>
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<tr>
<td>with door video function</td>
<td>1 S 850-0 E/S</td>
<td>2 S 850-0 E/S</td>
<td>3 S 850-0 E/S</td>
<td>4 S 850-0 E/S</td>
</tr>
</tbody>
</table>

* Only required with Siedle Scope

** To use the video memory function, an additional power supply is required.
**Intercom systems**

1+n technology

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Intercom systems
1+n technology
Order placement overview

Siedle Vario modules

Frame and housing
Flush-mounting

Functions
Custom-fit door loudspeaker

Mains power supply

Indoor call stations

| BM 611-0 | TLM 612-02 | COM 611-02 |
| TM 612-1 | ELM 611-01 |
| TM 612-2 | DRM 611-01 |
| TM 612-3 | FPM 611-01 |
| TM 612-4 | LEDS 600-0 |
| BMM 611-0 | LEDM 600-0 |
| SM 611-01 | BM 612-0 |
| KLM 611-0 | SDM 600-0 |

| GU 611-1/1-0 | MR 611-1/1-0 | KR 611-1/1-0 |
| GU 611-2/1-0 | MR 611-2/1-0 | KR 611-2/1-0 |
| GU 611-3/1-0 | MR 611-3/1-0 | KR 611-3/1-0 |
| GU 611-4/1-0 | MR 611-4/1-0 | KR 611-4/1-0 |

| NG 602-01 |

| HTS 811-0 | HTC 811-0 | NS 711-01 |
Frame and housing
Surface-mounting

MR 611-1/1-0  GA 612-1/1-0
MR 611-2/1-0  GA 612-2/1-0  GA 612-2/2-0
MR 611-3/1-0  GA 612-3/1-0  GA 612-3/2-0  GA 612-3/3-0
MR 611-4/1-0  GA 612-4/1-0  GA 612-4/2-0  GA 612-4/3-0

Controlling and switching

- **ETC 602-0**: Storey controller for connection to storey door stations, separate NG 602-01 required
- **GC 612-0**: Group controller for internal speech communication max. 6 x HTC 811-0
- **EC 602-03**: Entrance controller as electronic evaluating circuit for switching functions in conjunction with modules COM 611-02, ELM 611-01 and FPM 611-01 *
- **TR 603-0**: Door release controller for security reasons to activate the door release from the subdistribution
- **CTO 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

Telephone link

- **DCA 612-0**: For connection of existing on-site PBX systems with an analogue telephone connection in accordance with TBR-21

*FPM 611-01 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 louver 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 CTO 602-...

CTO 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 sec. 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 louver 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 B1-... 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 louver made of high-quality polycarbonate plastic for use as a speech grille and as protection for the TLE 061-..., TLE 050-... and TLE 051-... custom-fit door loudspeaker. Louver 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.
- 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
- 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: 90 x 200 x 45

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
- Call tones when connecting: to side circuit installation
  - Door call: 3-tone call signal, storey call: 2-tone call signal
  - To GC 612-..: Door call: 3-tone call signal
- 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 in 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: 105 x 200 x 45

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.
Secondary signal unit in a low-profile surface-mounting design with loudspeaker, 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

<table>
<thead>
<tr>
<th>Standard variant</th>
<th>Order key</th>
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<tr>
<td>without panel</td>
<td>white housing</td>
</tr>
<tr>
<td>White</td>
<td>...W</td>
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<table>
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<tr>
<th>Design variants</th>
<th>Order key</th>
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<tr>
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<td>translucent housing</td>
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<tr>
<td>Stainless steel</td>
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<tr>
<td>Aluminium</td>
<td>...AV</td>
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<tr>
<td>High gloss white</td>
<td>...WHV</td>
</tr>
<tr>
<td>High gloss black</td>
<td>...SHV</td>
</tr>
<tr>
<td>Gold</td>
<td>...EGS</td>
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<tr>
<td>Chrome</td>
<td>...ECG</td>
</tr>
<tr>
<td>Wenge</td>
<td>...HWG</td>
</tr>
<tr>
<td>Bamboo</td>
<td>...HBG</td>
</tr>
</tbody>
</table>

* 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: 12 V AC  
Output current: max. 1.3 A  
Fusing: Secondary side with thermal fuse  
Protection system: IP 20  
Dimensions (mm) W x H x D: 107 x 89 x 60

**NG 602-01 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  
Horizontal pitch (HP): 6  
Dimensions (mm) W x H x D: 53.5 x 89 x 60

**CTO 602-0**
Controller door release in switch panel housing for actuation of a door release in conjunction with the wire-saving 1+n system, which for security reasons 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  
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  
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 W/T/DW/DVE 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 working contact each. Actuation takes place from buttons 1-5, light and door release of the HTS 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 DCJAC, 2 A, 3 n.o. contacts 24 V DCJAC, 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 602-0   | 3 (ZAP 3-0) |
| CTO 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) |
| ZB 502-0   | 3 (ZAP 3-0) |

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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

Digital call input, control units, supply and programming accessories

RC 602-O
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-O
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-O
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 20
Ambient temperature: 0°C to +40°C
Horizontal pitch (HP): 3
Dimensions (mm) W x H x D: 90 x 65 x 25

PRS 602-0
Programming software suitable for programming the RC/RCE 602-... or EC/ECE 602-... in conjunction with an IBM-compatible PC via an RS 232 or USB interface.
For programming the RC/RCE 602-..., a chip card reader can also be used.
System requirements: Windows PC, Win 2000, Win XP/Vista (32 Bit)

ZRCE 602-0
Ribbon cable with plug at each 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 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
### Siedle 1+n technology audio with Vario surface-mounted system

<table>
<thead>
<tr>
<th>1 RU</th>
<th>2 RU</th>
<th>3 RU</th>
<th>4 RU</th>
<th>6 RU</th>
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<tbody>
<tr>
<td>Door loudspeaker module</td>
<td>1 TLM 612-02</td>
<td>1 TLM 612-02</td>
<td>1 TLM 612-02</td>
<td>1 TLM 612-02</td>
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<tr>
<td>Call button module</td>
<td>1 TM 612-1</td>
<td>1 TM 612-1</td>
<td>1 TM 612-3</td>
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<td>Surface-mount housing</td>
<td>1 GA 612-2/1-0</td>
<td>1 GA 612-2/1-0</td>
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<td>Mounting frame</td>
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<td>1 MR 611-2/1-0</td>
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<td>Current supply</td>
<td>1 NG 602-01</td>
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<td>1 NG 602-01</td>
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<tr>
<td>Standard in-house telephone</td>
<td>1 HTS 811-0 W</td>
<td>2 HTS 811-0 W</td>
<td>3 HTS 811-0 W</td>
<td>4 HTS 811-0 W</td>
<td>6 HTS 811-0 W</td>
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<tr>
<td>Comfort in-house telephone</td>
<td>1 HTC 811-0 W</td>
<td>2 HTC 811-0 W</td>
<td>3 HTC 811-0 W</td>
<td>4 HTC 811-0 W</td>
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### Siedle 1+n technology audio with Vario flush-mounted system

<table>
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<tr>
<td>Door loudspeaker module</td>
<td>1 TLM 612-02</td>
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<tr>
<td>Call button module</td>
<td>1 TM 612-1</td>
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<td>Flush-mount housing</td>
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<td>Standard in-house telephone</td>
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<td>3 HTS 811-0 W</td>
<td>4 HTS 811-0 W</td>
<td>6 HTS 811-0 W</td>
</tr>
<tr>
<td>Comfort in-house telephone</td>
<td>1 HTC 811-0 W</td>
<td>2 HTC 811-0 W</td>
<td>3 HTC 811-0 W</td>
<td>4 HTC 811-0 W</td>
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### Siedle 1+n technology audio with Siedle Classic

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<tr>
<td>Door station</td>
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<td>CL A 02 N</td>
<td>CL A 03 N</td>
<td>CL A 04 N</td>
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<tr>
<td>Standard in-house telephone</td>
<td>1 HTS 811-0 W</td>
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<td>4 HTS 811-0 W</td>
<td>6 HTS 811-0 W</td>
</tr>
<tr>
<td>Comfort in-house telephone</td>
<td>1 HTC 811-0 W</td>
<td>2 HTC 811-0 W</td>
<td>3 HTC 811-0 W</td>
<td>4 HTC 811-0 W</td>
<td>6 HTC 811-0 W</td>
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### Siedle 1+n technology audio with custom-fit door loudspeaker

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<tr>
<th></th>
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<tr>
<td>Standard in-house telephone</td>
<td>1 HTS 811-0 W</td>
<td>2 HTS 811-0 W</td>
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<td>6 HTS 811-0 W</td>
<td>8 HTS 811-0 W</td>
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<tr>
<td>Comfort in-house telephone</td>
<td>1 HTC 811-0 W</td>
<td>2 HTC 811-0 W</td>
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Intercom systems
Multi

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</tbody>
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System house
Performance features 

Fields of application
• Large-scale properties with elevated functionality requirements and high visitor frequency
• Properties with several building areas and a large number of entrances
• Properties with surveillance, caretaker or security service functions
• Properties with flexible application, e.g. office and mixed-use buildings
• Institutional properties such as old people's homes, care homes or convalescent homes
• Properties offering high levels of video surveillance security

System characteristics
• Discreet duplex intercom operation with audio privacy function
• 2 speech channels, programmable (optionally 1 global and up to 15 local speech channels)
• Decentral organization, all system users can be connected at any optional location
• No overriding switchboard or control unit required
• Bus range max. 800/1000 m, depending on structure, installed conductor network max. 5000 m
• Number of users: 500 addressable stations
• of which max. 254 door loudspeakers in any optional design, e.g. with input keypad, display module with resident index, connection of individual call buttons, and modules for access control and system video cameras
• Door loudspeakers from the Siedle Vario, Steel or Classic ranges
• Door loudspeakers directly addressable, doomatic and access control functions
• Different application-oriented in-house telephones, with configurable user interface
• Different control and surveillance units
• Elevator, emergency call and fault signalling units
• Call stations with emergency call and signalling devices, for use in care institutions and nursing homes
• Paging announcements and alarm systems
• Efficient caretaker and security service functions
• Actuation of system-integrated high-performance single and multiple channel video components in conjunction with the Siedle video control system
• Surveillance cameras with direct camera dialling and CCTV functions
• Actuation at analogue telephone systems
• Actuation at TCP/IP networks (PC as indoor audio/video station)
• Individual programming/configuration at every user
• Extremely simple installation due to open bus system, i.e. practically any optional cable network layout is possible using any optional branches and extendable without complex subsequent installation.
• Standardized power supply to all system components via the system bus cable with 24 V DC system voltage; devices are independent of the 230 V mains
• All system components can be combined in one system.
• Generation of group systems (max. 15) with their own local speech and video channel

Features of the video control system

Modular and system-integrated crossbar system for max. 4 video channels using bus technology. Up to 400 video system users, up to 100 switching units, for connection of all Siedle system cameras and system monitors.

System functions
• Max. 500 bus users
• Max. 1000 m bus length
• Max. 254 door stations
• Max. 5000 m installation cable
• Max. 15 groups
• Max. 15 group or 2 global speech channels
• Max. 4 video channels (coaxial)

Investment protection

The reverse compatibility of Siedle Access makes for investment security in existing installations. Multi systems can be connected to Siedle Access via an interface. This ensures that they remain future-proof while profiting from the extended scope of the new system.
Door loudspeaker, call button and call modules

TLM 645-02
Door loudspeaker module for the Multi system for the 611 Vario design.
Floating light button with lighting facility, rotary switch for line tuning and adjustable volume. Only in conjunction with TLM 640-...
Contact type: n.o. contact 24 V, 2 A
Switching time: 3 to 99 sec.
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 640-0
Custom-fit door loudspeaker for Siedle Multi in customer-supplied intercom compartments, door constructions, letterbox systems etc.
With integrated electric microphone and loudspeaker and rotary switch for line tuning. For use on conjunction with TLM 640-...
Also suitable for application as an elevator car call station in conjunction with STG 640-...
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

TME 645-01
Call button module extension in Vario housing as an interface to the Vario bus, connection of up to 16 bus call button modules (BTM 650-..., optional positioning possible). This allows a maximum of 64 call buttons to be connected per TME 645-... With a fully extended system with 8 TME 645-... units, a maximum of 500 Multi in-house telephones can be called. Connection of a signalling input (e.g. for door status signalling) possible. 2 service LEDs for function testing. Acoustic feedback on button actuation can be switched off.
The call button modules are connected to the TME 645-... by means of a ribbon cable.
Dimensions (mm) W x H x D: 99 x 99 x 26

TME 640-0
Call button module extension in protective housing with screw-type terminals for connection of up to 64 non-Siedle buttons or 16 call button modules (TM 511/611-... can be optionally positioned). With a fully extended system with 8 TME 640-... units, a maximum of 500 Multi in-house telephones can be called.
Connection of a signalling input (e.g. for door status signalling) possible. 2 service LEDs for function testing. The protective housing of the TME 640-... is mounted with a self-adhesive film at the back permitting flexible fixture.
Dimensions (mm) W x H x D: 100 x 50 x 20

TLC 640-02
Door loudspeaker controller in switch panel housing. Control unit for all door loudspeaker functions.
• Terminal for door loudspeaker modules TLM 640-... TLM 645-..., TLE 640-... TME 640-...
• 8 freely programmable inputs for call buttons and light buttons, for actuation of remote switching and signalling functions, for release of door release and door control times.
• 2 potential-free relay outputs as door release actuator or switching output for remote switching functions, programmable switching functions
• Interface to the Siedle Vario bus with connection facility for COM 611-... as well as keypad or code lock module and DIM 640-... or DRM 611-... A maximum of 8 TME 640-... or TME 645-... units for connection of up to 500 direct call buttons. ELM 611-... for no-contact actuation of the door release via keycard or key. PRI 602-... and PRI 602-... USB port for programming via a PC/laptop.
• Display via control buttons for local programming, operator prompting and function display.
Operating voltage: 24–28 V
Operating current: 350 mA
Contact type: 2 n.o. 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

DRM 611-01
Display call module as an input unit with a 4-line display for placing door calls. The call controller RC 602-... is only required when the 1+n technik is used.
Customer-specific data stored in the DRM 611-... 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.
The DRM 611-... can also be used in combination with the COM 611-... in order to display the input via the DRM 611-...:
• 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 TLEC 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
In-Home bus

BTM 650-01 plug+play
Trim technology
TM 612-1

Call button module with nameplate pocket and 1 separate call button with bell symbol.

BTM 650-02 plug+play
Trim technology
TM 612-2

Call button module with nameplate pocket, 2 nameplates, 2 separate call buttons with bell symbol.

BTM 650-03 plug+play
Trim technology
TM 612-3

Call button module with nameplate pocket, 3 nameplates and 3 separate call buttons with bell symbol.

BTM 650-04 plug+play
Trim technology
TM 612-4

Call button module with nameplate pocket, 4 nameplates and 4 separate call buttons with bell symbol.

COM 611-02

The code lock module as an input unit in conjunction with the Siedle Vario bus.

- Operation in conjunction with door loudspeaker controller TLC 640-... for setting control function and access control codes.
- Programming using PRI 602-... or PRI 602-... USB and the TLC programming software
- Operation in conjunction with door loudspeaker controller TLC 640-..., for setting door call codes
- A C button for deleting incorrect inputs.
- LED as a status display (external potential-free contact).

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

AEM 645-0

Alphabetical input module with keypad A - I. For use in Siedle Multi systems only in conjunction with the TLC 640-..., COM 611-... and the DIM 640-..., for alphanumeric selection of apartment call stations.

Protection system: IP 54
Ambient temperature: -20°C to +55°C
Dimensions (mm) W x H x D: 99 x 99 x 27

DIM 640-0

Display module for Siedle Multi DL to display inputs via the COM 611-... / AEM 645-...
Protection system: IP 54
Ambient temperature: -20°C to +55°C
Dimensions (mm) W x H x D: 99 x 99 x 27
**CMC 612-0**

 Colour video camera module for video surveillance in the Multi system. For mounting in the Vario 611 housing. Integrated heating with thermostats, infrared lighting and electronic control circuit. Video signal transmission via coaxial cable 75 Ohm.  
- 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  
- Vertical pick-up angle approx. 60°, horizontal approx. 80°  
- Additional mechanical adjustment range 30° horizontal/vertical  
- Horizontal resolution 450 lines  
- Video output 1 Vpp at 75 Ohm  
- 2-stage heating 12 V AC, max. 100 mA  
- Operating voltage: 20–30 V DC  
- Operating current: 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

**CMC 612-1 USA**

 Colour video camera module for video surveillance in the Multi system. For mounting in the Vario 611 housing. Integrated heating with thermostats, infrared lighting and electronic control circuit. Video signal transmission via coaxial cable 75 Ohm.  
- Colour system NTSC  
- Resolution horizontal 768 lines, vertical 494 pixel  
- For further technical details, see above  
- Operating voltage: 20–30 V DC  
- Operating current: max. 120 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

**CMC 611-03**

 Colour video camera module for video surveillance in the Multi system. For mounting in the Vario 611 housing. Integrated heating with thermostats, infrared lighting and electronic control circuit. Video signal transmission via coaxial cable 75 Ohm.  
- Colour system PAL (NTSC on request)  
- Image pick-up CCD sensor 8.4 mm (1/3")  
- Lens: 3.6 mm, F 2 with electronic  
- Shutter 1/50 - 1/100 000 sec. and integrated IR filter  
- Pick-up angle ±90°  
- Horizontal and vertical swivel range ± 20°  
- Horizontal resolution 380 lines  
- Video output 1 Vpp at 75 Ohm  
- 2-step heating 12 V AC, max. 100 mA  
- Operating voltage: 20–30 V DC  
- Operating current: 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

**CMC 611-04**

 Colour video camera module for video surveillance in the Multi system. For mounting in the Vario 611 housing. Integrated heating with thermostats, infrared lighting and electronic control circuit. Video signal transmission via coaxial cable 75 Ohm.  
- Colour system PAL (NTSC on request)  
- Image pick-up CCD sensor 8.4 mm (1/3")  
- Lens: 3.6 mm, F 2 with electronic  
- Shutter 1/50 - 1/100 000 sec. and integrated IR filter  
- Pick-up angle ±90°  
- Horizontal and vertical swivel range ± 20°  
- Horizontal resolution 380 lines  
- Video output 1 Vpp at 75 Ohm  
- 2-step heating 12 V AC, max. 100 mA  
- Operating voltage: 20–30 V DC  
- Operating current: 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

**VKK 740-0**

 Video camera controller as switch panel device for control of the dome camera for motorized zoom - pan - tilt video cameras in conjunction with Siedle Multi with integrated interfaces.  
- Control functions in conjunction with dome camera  
- Camera dalling by means of door call or direct dialling using Siedle Multi  
- Manual pan, tilt and zoom after camera dalling  
- Camera home position: Position of the camera in its idle position  
- Camera door call position: Position of the camera after a door call  
- Auto scan mode: Automatic camera scanning within a defined area  
- The start and end points, as well as the swivel speed are individually adjustable  
- Switching output with active camera, facility for connection of SCE 640...  
- For converting control functions into switching contacts.  
- Galvanically isolated control input  
- Operating voltage: 24 V DC  
- Operating current: max. 100 mA  
- Contact type: n.o. contact 24 V 1 A  
- Protection system: IP 20  
- Ambient temperature: 0°C to +40°C  
- Horizontal rotation (HPF): 6  
- Dimensions (mm) W x H x D: 107 x 89 x 60

**KVM 640-03**

 Camera supply module for wire-saving power supply and actuation of system camera CMC 611-03. Module for integration directly behind the CMC 611-03 in the flush-mount housing.  
- When using as an individual module or in the Vario surface-mount housing, a dummy module BM 611...is additionally required.  
- Dimensions (mm) W x H x D: 68 x 68 x 20
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
- 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

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

Other video components on request.
When planning and configuring your system, our project sales team will be pleased to lend their support. See page 352

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

TR 624-0
Transformer in switch panel housing, preferably for power supply to camera KA/WG 960-..., in conjunction with pan-tilt drive S/N 960-..., or to dome cameras.
- Operating voltage: 230 V AC +6% -10%, 50/60 Hz
- Output voltage: 24 V AC
- Output current: max. 2 A
- Fusing: Primary, T 250 mA, secondary, F 2 A
- Protection system: IP 20
- Ambient temperature: 0°C to +40°C
- Dimensions (mm) W x H x D: 107 x 89 x 60
In-house telephones and accessories

**HT 840-0**
Multi telephone, with integrated buttons for light and door release, a further 6 buttons programmable for call, remote switching, doormatic, call disable, single concierge, emergency call, alarm call etc.
- 8 LED displays, programmable for call display, reassurance LED in case of emergency call, call back request, activated functions such as call disable, doormatic, single concierge etc.
- 3 inputs for connection of storey and alarm calls, emergency call buttons, for actuation of remote switching and signalling functions, for interfacing the integrated LED displays.
- 2 control outputs as relay contacts with common reference point, programmable for the functions secondary signal, reassurance lamp, potential-free button function etc.
- 6 basic configurations can be selected without other auxiliary equipment
- Individual configuration with the aid of system controller SCO 740...
- Replacement for in-house telephones HT 641–... to HT 643–... and HT 740–...
Contact type: 2 n.o. contacts 24 V; 2 A Dimensions (mm) W x H x D: 105 x 200 x 45

**HTSV 840-0**
Standard video in-house telephone with colour monitor 6.3 cm for Siedle Multi made of high-grade plastic.
Performance features:
- Light and door release button
- 2 additional programmable buttons
- 4 programmable LED displays
- 1 programmable control output, for connection of switching relays
- 2 basic configurations can be selected without other auxiliary equipment
- Individual configuration with the aid of system controller SCO 740...
- Colour contrast and brightness can be adjusted by potentiometer
- Call volume adjustable in 5 stages
- Can be used as a table-top unit using table-top accessory ZTSV 840–...
Dimensions (mm) W x H x D: 90 x 261 x 45

**HTV 840-0**
Multi telephone, with integrated TFT colour monitor 8.8 cm, integrated buttons for light and door release, a further 6 buttons programmable for call, remote switching, doormatic, call disable, single concierge, emergency call, alarm call etc.
Performance features:
- 8 LED displays, programmable for call display, reassurance LED in case of emergency call, call back request, activated functions such as call disable, doormatic, single concierge etc.
- 3 inputs for connection of storey and alarm calls, emergency call buttons, for actuation of remote switching and signalling functions, for interfacing the integrated LED displays
- 2 control outputs as relay contacts with common reference point, programmable for the functions secondary signal, reassurance LED, potential-free button function and so on.
- 6 basic configurations can be selected without other auxiliary equipment
- Individual configuration with the aid of system controller SCO 740...
- Integrated 5-way control button for operation of the video memory, zoom, brightness, colour saturation, date and time setting and control of the pan/tilt camera
- Integrated video memory for 28 images
- Upgradeable with the SD card for storage of up to 255 images
Contact type: 2 n.o. contacts 24 V; 2 A Dimensions (mm) W x H x D: 105 x 277 x 45

**BVI 740-0**
The bus video indoor station is a combination of Siedle Multi in-house telephone and monochrome monitor with 10 cm screen diagonal as a wall surface-mounted unit.
Equipped with:
- Door release and light button
- 2 programmable buttons
- 1 programmable LED
- 2 programmable inputs
- 1 programmable, potential-free output
- Functions as HT 840–...
- Stepless call volume control from the outside as well as brightness contrast controller
- Programming of all functions in conjunction with system controller SCO 740–..., via PC/laptop
- Max. 4 BVI 740-0 units can be switched in parallel without an additional power supply
- No retrofit facility for a video memory module.
Operating voltage: 22–28 V DC Operating current: 450 mA Dimensions (mm) W x H x D: 225 x 216 x 60

**ZT 840-0**
Table-top accessory for the Multi telephone HT 840–... for conversion from a wall to a table unit. Console with 2 rubber feet, 2 m long 16-core connecting cable with clip-in rectangular plug and junction box ADT 711-D/16 with screw-type terminals. For surface or flush-mounting, to fit a 55 switch box.

**ZTSV 840-0**
Table-top accessory for the Multi in-house telephone with colour monitor HTSV 840–... for conversion from a wall to a table-top unit. Console with 2 rubber feet and junction box AD 711-D/16. Connecting cable: 16-pin 2 m long with square plug in white and 2 m long coaxial cable with angular plug.

**ZTV 840-0**
Table-top accessory for in-house telephones with colour monitor HTV 840–... for conversion from a wall to a table-top unit. Console with 2 rubber feet, connecting and coaxial cable white, junction box AD 711-D/16 with screw terminals. Without coaxial junction box. Connecting cable: 16-core 2 m long

**Dimensions**
- W x H x D:
  - HT 840-0: 105 x 200 x 45
  - HTSV 840-0: 90 x 261 x 45
  - HTV 840-0: 105 x 277 x 45
  - BVI 740-0: 225 x 216 x 60
  - ZT 840-0: 225 x 216 x 60
  - ZTSV 840-0: 90 x 261 x 45
  - ZTV 840-0: 225 x 216 x 60
Central call station, monitors and accessories

**HT 644-02**
Multi telephone in wall mounting version made of high-grade plastic with decimal keypad for dialling all system users. Function buttons for door release, light, call silencing, control buttons, collective call, call rerouting and dial repeat, 2-line display for operator support in standard operation, and for operator guidance during programming. Suitable for forwarding calls (switchboard function) and for processing elevator emergency calls. With call signal differentiation and separate volume control for call tone and collective paging. Max. 3 multifunction modules MFM 611-10 can be connected. Dimensions (mm) W x H x D: 153.4 x 230 x 67

**MOM 740-0**
Siedle monochrome monitor with 10 cm diagonal screen for wall mounting. Can be converted with the relevant accessories also as a table-top or flush-mounted unit. Can be mounted in a row only on the right of the HT 644-... using connecting elements. With brightness and contrast controllers, button to switch on the monitor, automatic interfacing function for monitor and camera, timer element.
- Input signal BAS 1 Vpp at 75 Ohm
- Bias current approx. 25 mA
- Timer adjustable in 10 steps from 0 secs to 3 mins.
- Resolution 500 lines (H), 270 lines (V)
- Acceleration voltage < 20 kV
- 4 buttons for control of the swivel/tilt camera
Adequate shielding is provided against the X-rays emitted in this unit.
Operating voltage: 20–30 V DC
Operating current: max. 350 mA
Dimensions (mm) W x H x D: 177 x 230 x 59

**MOC 740-0**
Colour monitor with backlit 9.6 cm diagonal screen. Colour LED display for wall mounting, can be converted with the relevant accessories also as a table-top or flush-mounted unit. Can be mounted in a row only on the right of the HT 644-... using connecting elements.
With buttons for colour and contrast control, a button for actuating the monitor and camera, timer element.
- Colour system PAL
- Pixel 320 (H), 240 (V)
- Input signal BAS 1 Vpp at 75 Ohm
- Bias current approx. 25 mA
- Timer adjustable in 10 steps from 0 secs to 3 mins.
- 4 buttons for control of the swivel/tilt camera
Operating voltage: 20–30 V DC
Operating current: max. 320 mA
Dimensions (mm) W x H x D: 177 x 230 x 45

**Other video components on request.**
When planning and configuring your system, our project sales team will be pleased to lend their support. See page 352

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**ZT 644-0/16**
Table-top accessory for Multi telephone HT 644-... for conversion from a wall to a table-top unit, with junction box AD 711-0/16. Slip-proof console with 2 rubber feet.
Connecting cable: 16-core 2 m long

**ZTMO 711-0**
Table-top accessory for MOM/MOC 740-... in conjunction with the system telephone HT 644-..., for conversion of a wall to a table-top device, with coaxial junction box AD 110-01. Slip-proof console with 2 rubber feet.
Connecting cable: Coaxial cable 2 m long

**BNS 640-0**
Bus secondary signal unit with integrated tone generator for Siedle Multi for generation of all active call signals, adjustable call volume, for connection at any point of the system. Addressing via integrated DIL switch.
The unit can be assigned to any call station or used as a stand-alone signal unit. Terminal for door release and storey call button.
Call volume up to max. 86 dB(A)
Dimensions (mm) W x H x D: 107 x 107 x 25
Central call station, monitors and accessories

**MFM 611-10**
Multifunction module for mounting in a row with Multi telephone HT 644-... Equipped with 10 function buttons, each with dual function, and with inscription field. Call numbers with a maximum of 8 digits can be stored and accessed. At one HT 644-... a maximum of 3 MFM 611-10 can be mounted in a row.
Dimensions (mm) W x H x D: 62 x 230 x 35

**MFM 640-0**
Multifunction module with 4 potential-free buttons and 6 display lamps. For mounting in a row at HT 644-... conversion to a table-top unit with ZMF 640-...
Operating voltage: 24 V DC
Control voltage / current: 10–30 V DC
Dimensions (mm) W x H x D: 62 x 230 x 35

**VSM 960-01**
Control unit for operating pan-tilt motorized zoom cameras, e.g. KA/ WG 960-... or dome cameras in conjunction with VKC 740-... For mounting in a row alongside all in-house telephones of series 711 in conjunction with external monitors / system monitors, and alongside the HT 644-0...
Using the table-top accessory ZMF 640-..., the VSM 960-... can be converted to a table-top unit.
Dimensions (mm) W x H x D: 62 x 230 x 35

**ZMF 611-10**
Table-top accessories for multifunction module MFM 611-10 for conversion from wall mounting to table-top unit. Slip-proof console with 2 rubber feet.

**ZMF 640-0/16**
Table-top accessories for VSM 640-... for conversion from wall mounting to table-top unit, with junction box. Slip-proof console with 2 rubber feet. Connecting cable: 16-core 2 m long
Supply/control units

**NG 608-0**
Line rectifier in switch panel housing for universal voltage supply. With ZAP 10-0 suitable for surface-mounting.
Operating voltage: 110–240 V AC, 50/60 Hz
Typical current consumption: 150 VA
Output voltage: 28 V DC +/-5%
Output current: 2.5 A
Fusing: T 3.15 A
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

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**NG 640-0**
Line rectifier for universal power supply with 24 V DC, e.g. for Siedle Multi, for mounting on a top hat rail.
Operating voltage: 100–240 V AC, 50/60 Hz
Typical current consumption: 184 VA
Output voltage: 28 V DC +/-5%
Output current: 4 A
Fusing: Primary, T 5 A, secondary short circuit proof
Protection system: IP 20
ambient temperature: 0°C to +40°C
Dimensions (mm) W x H x D: 55 x 130 x 125

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**NG 600-0**
Line rectifier in switch panel housing for universal voltage supply. With ZAP 10-0 suitable for surface-mounting.
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

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**SVG 641-0**
Speech supply unit in switch panel housing to supply one speech channel in Siedle Multi. Only one unit is required per speech channel/group.
Operating voltage: 24 V DC
Output current: Constant 80 mA
Protection system: IP 20
Ambient temperature: 0°C to +40°C
Horizontal pitch (HP): 5
Dimensions (mm) W x H x D: 53.5 x 89 x 60

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**MFS 640-0**
Universal network filter in switch panel housing. Mains filter, precision over-voltage protection and bus mains switch in one unit, for Siedle Multi.
Operating voltage: 110–240 V AC, 50/60 Hz
Output current: max. 4 A
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

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**PCM 640-0**
Voltage converter 24/12 V DC in switch panel housing. For conversion of 24 V DC system voltage to 12 V DC with integrated current limiter. Input/output voltage not galvanically isolated.
Operating voltage 20–30 V DC
Output voltage: 12 V DC
Output current: max. 500 mA
Horizontal pitch (HP): 1
Dimensions (mm) W x H x D: 17.5 x 90 x 55

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**SCO 740-0**
System controller in switch panel housing for programming/management of in-house telephones HT 840-...; HTV 840-...; HTS 740-... in Siedle Multi systems with backup function.
Integrated key pad and LCD display for menu-prompted programming and configuration of single units, groups or all integrated in-house telephones. Integrated RS485 interface, in conjunction with programming interface PRI 602-... / PRI 602-...; USB for configuration with a PC/laptop.
1 device per system.
Ambient temperature: 0°C to +40°C
Horizontal pitch (HP): 6
Dimensions (mm) W x H x D: 107 x 89 x 60

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**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 TCP 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

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Supply/control units

CLK 740-0
System time switch with 24 hour movement, day and week program in switch panel housing. For control of system functions such as doornotic, remote switching functions etc. Upgrading to include additional switching contacts with the SCE 640-... With integrated monitoring and logging of system data. Contact type: 2 changeover switches 24 V, 2 A Protection system: IP 20 Ambient temperature: 0°C to +40°C Dimensions (mm) W x H x D: 107 x 89 x 60

ZCLK 740-0
Radio aerial accessory for system time switch for reception of DCF-77 time signals in weather-proof surface-mount housing. Direct connection to CLK 740-...
Dimensions (mm) W x H x D: 90 x 75 x 45

ETC 640-01
Storey door release controller in switch panel housing. For actuation of a storey door release from a Multi telephone via the integrated door release button. Connection possible for an external door release button. Contact type: n.o. contact 24 V, 2 A Switching time: 3–27 sec. Protection system: IP 20 Ambient temperature: 0°C to +40°C Horizontal pitch (HP): 6 Dimensions (mm) W x H x D: 53.5 x 89 x 60

WR 85261-10
Universal interfacing relay in switch panel housing for transformation of a static switching signal into a pulse of 1 sec for Siedle Multi with a heavy current changeover contact. Operating voltage: 22–28 V DC Operating current: 20 mA Control voltage / current: 5–30 V DC, 12 V AC, galvanically isolated Contact type: Changeover switch 230 V AC, 6 A or 24 V DC, 2 A Protection system: IP 20 Ambient temperature: 0°C to +40°C Horizontal pitch (HP): 1 Dimensions (mm) W x H x D: 18 x 90 x 58

AR 85052-10
Universal switching relay in protective housing, 2 changeover contacts. Operating voltage: 24 V DC Control voltage / current: 3–30 V DC, 12 V AC with galvanic isolation Contact type: 2 changeover switches 24 V, 1 A Dimensions (mm) W x H x D: 50 x 30 x 15

AR 85911-10
Universal switching relay in switch panel housing as power switch with changeover contact Operating voltage: 22–28 V DC Operating current: 20 mA Control voltage / current: 5–30 V DC, 12 V AC, galvanically isolated Contact type: Changeover switch 230 V AC, 6 A or 24 V DC, 2 A Protection system: IP 20 Ambient temperature: 0°C to +40°C Horizontal pitch (HP): 1 Dimensions (mm) W x H x D: 18 x 90 x 58

ZAR 740-0
Universal custom-fit relay accessory, 2 relays with one switching contact each, connection via screw-type terminals / connecting cables in protective housing with self-adhesive film at the back for direct mounting in HT 740-... in conjunction with the HT 840-... / HTSV 840-... for direct connection to control outputs. Contact type: 2 n.o. contacts, max. 24 V DC 1 A Dimensions (mm) W x H x D: 34 x 24 x 10

ZAP 10-0
Terminal cover accessory for surface-mounting. Horizontal pitch (HP): 10 Dimensions (mm) W x H x D: 178.5 x 50 x 60
**Video control units**

**VCO 740-0**
Video controller in switch panel housing. Control unit for the complete range of video functions in Multi single and multiple channel systems. Programming and management of all video switching and control units with backup function. Integrated keypad and LCD display for menu-prompted programming and assignment of all cameras and monitors. Special functions such as direct camera selection, picture transmission, scanning and sequence operation in multiple channel systems, as well as testing and servicing functions available. Suitable for PC programming, the program interface PRI 602-... / PRI 602-... USB is required. 1 device per system. Operating voltage: 24 V DC Operating current: max. 100 mA Protection system: IP 20 Ambient temperature: 0°C to +40°C Dimensions (mm) W x H x D: 107 x 89 x 60

**KSM 640-01**
Camera control module in switch panel housing for actuation of a video camera. Connection to Siedle Multi. With one potential-free relay output and control outputs for horizontal/vertical control. Via an adjustable address, the camera can be directly selected or can be assigned to a door loudspeaker. Control input for alarm video. Operating voltage: 22–28 V DC Operating current: max. 30 mA Contact type: Changeover switch 24 V, 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

**HVC 640-0**
Horizontal vertical controller in switch panel housing converts pan / tilt (H/V) and zoom/focus (Z/F) bus control commands for the camera into wire-borne control signals. 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

**VMO 511-2**
Video distributor with amplifier in cast housing, for coaxial cable, with 1 input, 1 output and 1 loop through. This amplifier is required where several monitors are operated in a single system and the conductor is laid as the side circuit, for example in apartment houses. Operating voltage: 8 - 30 V DC Operating current: max. 25 mA Dimensions (mm) W x H x D: 60 x 43 x 27

**VSU 640-0**
Video switchover unit in switch panel housing for actuation of storey cameras in Siedle Multi single-channel video applications in conjunction with door loudspeaker controller TLC 640-... Call-controlled switchover from main door to storey camera. Integrated timer and priority circuit. Switchover of the coaxial video cable and all control and supply lines to the camera and to the storey monitor. Cascading capability for the use of several storey cameras/storey monitors. Operating voltage: 22–28 V DC Operating current: max. 30 mA 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

**VKS 644-0**
Video crossbar module for connection of up to 4 cameras in metal housing. 4 video bus inputs/outputs, screw terminals for coaxial cable 75 Ohm, integrated, adjustable matching amplifiers and terminating resistors, LED displays for function testing, DIL sliding switches for address setting. Control via video controller VCO 740-... Operating voltage: 24 V DC Operating current: max. 180 mA Installation type: Top hat rail mounting Protection system: IP 20 Ambient temperature: 0°C to +40°C Horizontal pitch (HP): 8 Dimensions (mm) W x H x D: 144 x 130 x 55

**VMS 644-0**
Video crossbar module for connection of up to 4 monitors and up to 2 storey cameras in metal housing. 4 video bus/storey camera inputs/outputs, screw terminals for coaxial cable 75 Ohm, integrated, adjustable matching amplifiers and terminating resistors, LED displays for function testing, DIL sliding switches for address setting. Control via video controller VCO 740-... Operating voltage: 24 V DC Operating current: max. 150 mA Installation type: Top hat rail mounting Protection system: IP 20 Ambient temperature: 0°C to +40°C Horizontal pitch (HP): 8 Dimensions (mm) W x H x D: 144 x 130 x 55
Video control units

VBU 644-0
Video bus changeover switch in metal housing. Intelligent hub for connection of several coaxial video bus side circuits. Per VBU 644-... 4 side circuit inputs/outputs can be connected. By cascading, 4 bus hubs with a maximum of 16 side circuit lines or 16 bus hubs with 4 side circuit lines each can be formed. For each video channel, one VBU 644-... block is required per hub. Integrated line driver and terminating resistors, addressing via DIL sliding switches, LED display for function testing. Control via video controller VCO 740-...
Installation type: Top hat rail mounting Protection system: IP 20 Ambient temperature: 0°C to +40°C Horizontal pitch (HP): 8 Dimensions (mm) W x H x D: 144 x 130 x 55

VBV 642-0
Video bus distributor (T connector) for 2 video channels/2 side circuit lines in metal housing. Terminal for coaxial cable 75 Ohm. Integrated, adjustable output amplifier, switchable terminating resistors. Loss-free buffering/adjustment symmetrical to earth. Can also be used as a passive input/output with 2 amplified outputs for side circuit lines.
Installation type: Top hat rail mounting Protection system: IP 20 Ambient temperature: 0°C to +40°C Dimensions (mm) W x H x D: 74 x 130 x 55

NMS 640-01
Emergency call detector module in switch panel housing. For use in systems with Sedle Multi telephone switchboard. Inputs for external emergency call and emergency call cancel button, as well as an output for external reassurance lamp.
Installation type: Top hat rail mounting Protection system: IP 20 Ambient temperature: 0°C to +40°C Dimensions (mm) W x H x D: 89 x 89 x 60

Emergency call and alarm management

STG 640-01
Control unit in switch panel housing for elevator emergency calls in conjunction with elevator car call station TLM 645-... or TLE 640-... for mounting in the engine room. Facility for emergency call button, reassurance lamp and service handset. Programmable for announcements at any time or only after an emergency call. Facility for collective calls, receiving calls and paging.
Installation type: 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

VMS 641-0
Monitor switching unit in conjunction with DCIP 740-..., for connection of up to 4 video bus / 2 storey camera inputs and one joint video output for max. 4 DCIP Software clients in metal housing. Screw terminals for coaxial cable 75 Ohm, integrated, adjustable matching amplifiers and terminating resistors, LED displays for function testing, DIL sliding switches for address setting.
Installation type: Top hat rail mounting Protection system: IP 20 Ambient temperature: 0°C to +40°C Dimensions (mm) W x H x D: 144 x 130 x 55

VMO 602-4
Video distributor with 3 amplifiers in cast housing, for coaxial cable, with 1 input, 3 outputs and 1 loop through. For star-formation installation or with several risers.
Installation type: Top hat rail mounting Protection system: IP 20 Ambient temperature: 0°C to +40°C Dimensions (mm) W x H x D: 94 x 62 x 30

SH 640-05
Service handset with spiral cord, plug and speech button, in conjunction with control unit STG 640-... for elevator emergency calls, to create speech connection between the elevator engine room and elevator car for maintenance and servicing purposes.
Installation type: Top hat rail mounting Protection system: IP 20 Ambient temperature: 0°C to +40°C Dimensions (mm) W x H x D: 310 x 180 x 92

DIM 642-0
Single-sided large-format display used as a large or corridor display in Multi systems to indicate alarm, emergency or staff calls. Suitable for wall or ceiling mounting. With 20 mm character height, 4-digit. With more than 2 active calls: Scrolling display, simple programming by means of PC keyboard. Metal housing with mobile wall mounting arm. Operating voltage: 24 V DC Operating current: max. 200 mA Dimensions (mm) W x H x D: 310 x 180 x 92
Collective call and paging announcement

**SAC 640-0**
Collective call controller in switch panel housing for adjustment of speech channel lines for collective announcement.
One SAC 640-... is required per system / per group.
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

**PAC 740-0**
Paging announcement controller in switch panel housing for collective and individual paging announcements.
Connection for amplifier ZA 740-... and microphone interface ZMC 740-... Input for direct music coupling, interface for connection to ELA systems with control contact and 0dB audio output.
Integrated keypad with display for menu-prompted programming.
Operating voltage: 24 V DC
Operating current: max. 100 mA
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

**ZA 740-0**
Amplifier accessory in switch panel housing as a 4-watt power output stage in conjunction with the PAC 740-... With volume controller and galvanically isolated 0dB input. Connection to the PAC 740-... via ribbon cable, independent operation also possible.
Ambient temperature: 0°C to +40°C
Horizontal pitch (HP): 3
Dimensions (mm) W x H x D: 53.5 x 89 x 60

**LC 640-0**
Lift controller in switch panel housing.
Control unit for linking a lift system to Siedle Multi. Automatic lift travel after a door call and actuation of the door release button to the entry level and then to the destination. Control outputs via potential-free contacts. In conjunction with the switching controller extension SCE 640-... up to 128 stops and 2 entry destinations can be directly programmed using the integrated keypad with LCD display. 2 integrated switching contacts for 2 entry destinations. (Lift down position), interface for connection of up to 16 SCE 640-... units. 1 LC 640-... is required per lift.
Contact type: 2 n.o. contacts, max. 24 V DC, 1 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

**MVI 3000-0**
Electret microphone with amplifier in protective housing with speech direction display by LED. To match ZMC 740-...
Suitable for wall mounting, individual adjustment by means of swivel arm.
Dimensions (mm) W x H x D: 75 x 75 x 40

**ZMC 740-0**
Microphone connection accessory in switch panel housing in conjunction with the PAC 740-... for connection of max. 2 electret microphones
MVI 3000-...
Power supply to the unit is provided via the PAC 740-...
Ambient temperature: 0°C to +40°C
Horizontal pitch (HP): 3
Dimensions (mm) W x H x D: 107 x 89 x 60
**DoorCom**

**DCIP 740-0**
The DoorCom IP links the Siedle Multi system with an IP network/Intranet. As a functional unit, the DCIP 740-0... consists of the devices system interface video server SVS 610-... IP video server IPVS 600 and the system interface Multi SIM 740-...

**Performance features**
- 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
- Max. 254 doors can be connected
- 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
- Door release and light actuation from the PC using a mouse click or finger pressure
- Door dialling from the PC using a mouse click or finger pressure (audio/video)

**Scope of supply:** SVS 610-0, IPVS 600-0, SIM 740-0

**Operating voltage:** 24–28 V DC

**Operating current:** max. 500 mA

**Installation type:** Top hat rail mounting

Dimensions (mm) W x H x D:
- SVS 610-0: 144 x 130 x 55
- IPVS 600-0: 112 x 85 x 40
- SIM 740-0: 107 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® Internet Explorer® from version 6.0 to read the help

**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

**DC/IT 740-0 Set**
DoorCom analogue set for Siedle Multi comprising two individual devices in switch panel housing. The universal a/b interface links Siedle door and in-house telephony to the public network at the x740 TC system to the public network telephone (in accordance with TBR-21) or at the relevant TC system output. With display and 6 buttons for configuration. In relation to the door station, it acts in the same way as 4 Multi telephones.

**Performance features:**
- System functions door release and light using the DTMF dialling method
- Per DCA 740-... set, 1-4 call destinations possible
- Max. 9 control functions can be executed via FSM 740-... by means of DTMF dialling
- 3 transistor outputs for AR 85052-10 or AR 85911-10 freely programmable with status enquiry. The outputs can be used for doornumeric status display, single concierge or as a switching function.
- 3 potential-free outputs can be used for door release, storey calls, call silencing and single concierge functions.
- Selective dialling of max. 6 door loudspeakers via code speed dial
- Selective dialling of the door which made the last call
- Doornumeric function per user
- Assignable call number (max. 22-digit)
- Direct calls, selective user calls to PBX extensions, to the public network or mobile networks, chain calls on no answer or engaged
- Daynight service switching to alternative call destinations (depending on existing TC system on site)
- Switching from door intercom to telephone mode
- Several DCAs possible in one intercom system/all one TC system
- Adjustable call and connection time
- Signalling of door calls prior to call acceptance
- Call differentiation when using two DCAs 740-0 sets possible
- PIN protection can be activated, e.g. for programming, door release, switching functions and function activation.

**Please note:**
Facility for using individual performance features can differ depending on the TC system used. Please enquire with your TC system supplier.

**Scope of supply:** DCA 740-0 and IT 740-0

**Operating voltage:** 24 V DC

**Protection system:** IP 20

**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
Other components

**KLC 640-0**
Card reading controller KLC 640-... in switch panel housing for Siedle Multi for transmission of user names with the aid of chip cards RCC 602-... via the Siedle Vario bus to the DRM 611-...
Operating voltage: 14 V DC or 12 V AC
Horizontal pitch (HP): 6
Dimensions (mm) W x H x D: 107 x 89 x 60

**VPT 640-0**
Video potential isolator in surface-mount housing, for systems in which several devices are used with PE conductor connection or grounded housing.
This compensates for different ground potential which would otherwise cause a disturbance. Can also be used as decoupling element in large coaxial side circuit systems.
With the aid of the provided mounting adapter, mounting on carrier rails is also possible.
Operating voltage: 24 V DC
Operating current: max. 100 mA
Ambient temperature: 0°C to +40°C
Protection system: IP 65
Dimensions (mm) W x H x D: 115 x 65 x 50

**ZWA 640-0**
Western socket accessory for switch panel mounting. Integrated socket for 4/6/8-pin western plug.
Connection by means of screw terminals / special ribbon connector to TLC 640-..., VCO 640-...
Horizontal pitch (HP): 1
Dimensions (mm) W x H x D: 18 x 90 x 60

**ZSI 640-0**
Fuse accessory in switch panel housing for complex Siedle Multi systems as an automatic circuit breaker for separate fusing of individual bus lines with central power supply.
One ZSI can be used to fuse the audio and video supply.
Fusing: 4 A T
Protection system: IP 20
Horizontal pitch (HP): 1
Dimensions (mm) W x H x D: 18 x 89 x 58

**LWE 640-0**
Fibre optic receiver module for conversion of fibre optic signals transmitted by the fibre optic transmitter module back into a FBAS video signal. This is switched to a monitor by means of a coaxial cable 75 Ohm.
Connection for multimode fibre optic cable 62.5/125 μm via ST plug.
Operating voltage: 12 V DC
Operating current: max. 150 mA
Protection system: IP 20
Ambient temperature: 0°C to +55°C
Dimensions (mm) W x H x D: 100 x 125 x 50

**LWS 640-0**
Fibre optic cable transmitter module for conversion of a FBAS video signal 75 Ohm from coaxial cable to a fibre optic cable to achieve ranges of up to 3500 m. Connection for multimode fibre optic cable 62.5/125 μm via ST plug.
Operating voltage: 12 V DC
Operating current: max. 40 mA
Protection system: IP 20
Ambient temperature: -20°C to +55°C
Dimensions (mm) W x H x D: 90 x 45 x 40

**AD 711-0/16**
Multiple junction box 16-pin for socket D=60, in conjunction with table-top accessory ZTV 840-..., ZT 811-0 or ZT 711-01/16
Dimensions (mm) W x H x D: 80 x 80 x 38

**ZAD 312-0**
Mounting plate with clip-in fixture for mounting in junction box AD 711-0/16 on carrier rails in switch panels, complete with fixing screws.
Other components

**AD 110-01**
Coaxial junction box for D=60 box, suitable for monochrome or colour systems, with continuous operation for the monitor MO 950-...
Dimensions (mm) W x H x D: 80 x 80 x 38

**AD 120-0**
Coaxial junction box suitable for monochrome or colour systems for continuous operation in systems with several monitors MO 950-... or 1 monitor and several connection points, with amplifier.
Dimensions (mm) W x H x D: 80 x 80 x 38

**AW 101-0**
Coaxial terminating resistor 75 ohm/0.5 W for monochrome or colour systems with several junction boxes.
Flush-mounted combinations
Overview flush-mounted combinations and table-top accessories

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<th>Unit combinations</th>
<th>Accessories flush-mounted frame</th>
<th>Accessories flush-mounted housing</th>
<th>Recess for hollow wall fastening (mm) W x H</th>
<th>Dimensions (mm) W x H x D</th>
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<tr>
<td>Multi telephone HT 644-... and suitable device combinations</td>
<td>ZUR 611-10 W, S, SM</td>
<td>GE 611-0 + GZ 611-1</td>
<td>162 x 254</td>
<td>185 x 268 x 46</td>
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<td>HT 644-...</td>
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<td>364 x 268 x 46</td>
<td>ZT 644-0/16 W, S + ZTM O 711-0 W, S</td>
</tr>
<tr>
<td>HT 644-... + MOM/MOC 740-...</td>
<td>ZUR 611-10/2 W, S, SM</td>
<td>GE 611-0 + 2 GZ 611-1</td>
<td>224 x 254</td>
<td>247 x 268 x 46</td>
<td>ZT 644-0/16 W, S + ZMF 611-10 W, S</td>
</tr>
<tr>
<td>HT 644-... + MFM 611-10 + MOM/MOC 740-...</td>
<td>ZUR 611-10/5 W, S, SM</td>
<td>GE 611-0 + 3 GZ 611-1 + GZ 611-2</td>
<td>404 x 254</td>
<td>426 x 268 x 46</td>
<td>ZT 644-0/16 W, S + ZMF 611-10 W, S + ZTM O 711-0 W, S</td>
</tr>
<tr>
<td>HT 644-... + 2 MFM 611-10 + MOM/MOC 740-...</td>
<td>ZUR 611-10/4 W, S, SM</td>
<td>GE 611-0 + 3 GZ 611-1</td>
<td>288 x 254</td>
<td>310 x 268 x 46</td>
<td>ZT 644-0/16 W, S + 2 ZMF 611-10 W, S</td>
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<tr>
<td>HT 644-... + 2 MFM 611-10 + ZM/MOC 740-...</td>
<td>ZUR 611-10/7 W, S, SM</td>
<td>GE 611-0 + 4 GZ 611-1 + GZ 611-2</td>
<td>466 x 254</td>
<td>488 x 268 x 46</td>
<td>ZT 644-0/16 W, S + 2 ZMF 611-10 W, S + ZTM O 711-0 W, S</td>
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<tr>
<td>HT 644-... + 3 MFM 611-10 + MOM/MOC 740-...</td>
<td>ZUR 611-10/6 W, S, SM</td>
<td>GE 611-0 + 4 GZ 611-1</td>
<td>350 x 254</td>
<td>372 x 268 x 46</td>
<td>ZT 644-0/16 W, S + 3 ZMF 611-10 W, S</td>
</tr>
<tr>
<td>HT 644-... + 3 MFM 611-10 + ZM/MOC 740-...</td>
<td>ZUR 611-10/8 W, S, SM</td>
<td>GE 611-0 + 5 GZ 611-1 + GZ 611-2</td>
<td>528 x 524</td>
<td>550 x 268 x 46</td>
<td>ZT 644-0/16 W, S + 3 ZMF 611-10 W, S + ZTM O 711-0 W, S</td>
</tr>
</tbody>
</table>

Flush-mounted frame accessory ZUR 611-... / ZUR 3000-... for other device combinations on request.

ZHB 611-0
Hollow wall mounting accessory for fastening flush-mounted frame accessory ZUR 611-... and ZUR 3000-... into hollow walls or panels. Scope of supply: 2 pairs of brackets, 4 clamps and 4 screws.

ZUR 611-10/3
Mounting frame for flush-mounting or for table-top mounting of system telephones, monitors and functional elements. With all-round cover trim strips for the perfect finish. Cut-out (mm) W x H: 342 x 254 Dimensions (mm) W x H x D: 364 x 268 x 46

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 plater 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
GZ 611-2
GZ 611-3
Flush-mount housing spacers in plastic to extend the GE 611-... to accommodate the unit combinations in the following table. Designation: Dimensions (mm) W x H x D: GZ 611-1 63 x 270 x 58 GZ 611-2 115 x 270 x 58 GZ 611-3 25.4 x 270 x 58

ZUR 3000-3
Mounting frame for flush-mounting or for table-top mounting of system telephones, monitors and functional elements. With all-round cover trim strips for the perfect finish. Cut-out (mm) W x H: 276 x 254 Dimensions (mm) W x H x D: 300 x 268 x 46
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

ZS 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 ZUR 611-... to accommodate ZUR 611932-... 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 611932-... 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 611932-... 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.

Dimensions (mm) W x H x D:
- ZUR 611-01: 127 x 268 x 46
- ZUR 932-1: 189 x 268 x 46
- ZUR 932-2: 251 x 268 x 46
- ZUR 932-3: 313 x 268 x 46
- ZUR 932-4: 375 x 268 x 46
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-..., TLE 050-... and TLE 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 MS 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 911A-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 911A-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

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

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).
New
Siedle Access

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IP-based door communication

Siedle goes IP
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.

Market launch and delivery date
To guarantee operating reliability in accordance with Siedle standards right from the start, we will be introducing Siedle Access from 2011 initially in pilot projects in which we will be closely involved in a supporting role from the planning stage through to implementation. The system is planned for unrestricted delivery from the third quarter of 2011.
Demarcation from DoorCom-IP
Unlike the DoorCom-IP interface, Access does not create a transition between a classical Siedle installation system and the network, but is based fully on established IP standards. Siedle Access does not create a connection to the network - it becomes part of the network. DoorCom-IP is still retained in the portfolio (see page 286) for linking In-Home bus or Multi installations to a network.

System benefits
No specialist knowledge
The application of structured wiring in accordance with DIN EN 50173 and intelligent connection technology, which allows the use of standard available network components, guarantee simple planning, commissioning and maintenance of the Siedle Access system infrastructure. Even for large-scale projects, extensive Siedle-specific specialist knowledge is not required.

More performance and longer range
The use of digital transmission technology in the IP system lifts the range restrictions inherent with analogue technology, and extends the number of speech circuits or video connections. IP addressing permits very high numbers of users (>1000), as well as providing simple management. By using highly efficient encoding processes (G.711/G.722 and H.264), a high standard of audio and video quality is achieved, coupled with a low bandwidth requirement.

Reverse compatibility
Reverse compatibility with Siedle Multi ensures investment security in existing installations. Multi systems can be connected to Siedle Access via an interface in the future. This ensures that implemented systems remain future-proof while profiting from the extended scope of the new system.
System house

RU 1
- Video handsfree telephone
- Video in-house telephone
- Integration into non-Siedle systems

RU 2
- In-house telephone
- Storey call button

RU 3
- Door controller
- Storey door without video
- In-house telephone

Office 1
- Storey door with video
- Door controller
- Virtual video in-house telephone

Office 2
- Door controller
- Storey door without video
- Video handsfree telephone

Reception
- Analogue video camera
- Door controller
- Concierge software

Distribution
- Server
- Commissioning PC
- Door controller

Remote security switchboard
- Concierge software

System integrator
- PC for remote maintenance

Entrance area

Networks:
- Cat-5
- LAN
- WAN
- Control line
System characteristics

Fields of application
Objects with
- large number of users (door stations and/or indoor devices) and long distances
- stringent demands on audio and video transmission
- several (also geographically) separate building sections
- concierge and surveillance functions
- heterogeneous utilization (private and commercial mixed use)
- fundamental requirement for structured wiring and IP technology

Overview of functions
- Simple planning and installation in conformity with standards
- PC-based one-man commissioning
- Secure platform-independent configuration via customary web browser (remote configuration over the Internet also possible)
- Over a thousand users possible in the system
- Multiple parallel video and speech circuits possible in the system
- Full duplex speech connection
- Optional group formation (e.g. for announcements)
- Call storage facility with caller list, video memory
- Polyphonic ring tones
- Indoor devices are supplied via PoE
- Server for central system management
- Call forwarding and call follow-me function
- Call differentiation in terminals
- Door call possible via call display or code lock keypad
- Storey door loudspeaker (with and without video) and storey door release
- Intercom functionality
- Display of messages, statuses, or arriving calls in plain text at devices with displays
- Messages, alarms and emergency calls can be configured
- Efficient PC-based concierge workstation with video surveillance, emergency call processing and alarm functionality (can alternatively, additionally or temporarily be connected via the Internet)
- Scan mode possible for connected cameras
- Integration of external cameras possible
- Integration of SIP audio, SIP video and a/b telephones possible
- System can be linked to public network telephony and telephone systems conforming to the SIP standard
- Software updating facility for all IP products
New
Siedle Access

Performance features
Security

Non-Siedle IP system

- Unprotected outdoor area
- Not sure

Protected indoor area

Siedle Access

- Protected outdoor area
- Cat-5

LAN

Protected door concept
- No IP network (data) in the outdoor area, but standardized wiring with Cat-5 cable possible
- No access to door release contact from the door station (high manipulation protection)

Safety mechanisms
- Application of recognized authentication mechanisms when transmitting security-relevant information (including door release actuation)
- High functional security due to cyclical unit monitoring

Server-based system
- Simple, fast configuration using customary web browsers, no additional configuration software required
- Remote maintenance (simple and secured)
- Simple exchange of devices (complete backup functionality)
Flexibility and individuality

Free selection of door station
• Unrestricted application in the two door ranges Siedle Vario and Siedle Steel
• Flexible assembly methods: Surface-mounting, flush-mounting or in a free-standing design as a pedestal
• Free selection from the entire range of materials, surface finishes and colours offered for the two door ranges
• All functions in the entrance in one cohesive style: including letterbox, lighting, orientation or access control
• Large design variety and outstanding design

Free selection of indoor devices
• With the Video in-house telephone, video handsfree telephone and the in-house telephone, a range of highly functional indoor devices is available to choose from.
• Flexible assembly methods: Surface-mounted installation with or without flush-mounting box or as table-top unit
• Free selection from the entire range of materials, surface finishes and colours offered for the current Siedle indoor units
• Using the concierge software, the virtual video in-house telephone and the software module for integration in non-Siedle systems, this system can cover a wide range of application requirements
• Wide configuration and functional versatility plus outstanding design
**Door release**

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General function explanations

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 unlocking 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

TÖ 625-0 R
Recessed door release with flat striker plate, grey hammertone finish, for right or left opening doors according to DIN with monitoring contact. Suitable for heavy front and internal doors, striker plate pre-drilled, release structured asymmetrically. 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

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.

Monitoring contact
(e.g. TÖ 625-0 R) Door releases with monitoring contact are equipped with a switching device which responds to the open/shut door position. This allows for example the door position “open” to be optically signalled at the telephone by means of an LED.
Door release left opening according to DIN

**TO 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

**TO 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

**TO 626-0 L**
Recessed door release, watertight design, gold hammertone finish, suitable for all left opening doors according to DIN in exposed location with monitoring contact. 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

**TO 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

**TO 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

**TO 626-0 R**
Recessed door release, watertight design, gold hammertone finish, suitable for all right opening doors according to DIN in exposed location with monitoring contact. 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
New Siedle Scope

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New
Siedle Scope

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.

Available from the 4th quarter of 2010

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
System house

*Alternatively: Activation of BVNG by additional wires

1

Door station

BVNG/TR

max. 8

2

BTSV

BVVU

2

max. 8

2

Telephone system

RU 4

BVVU

2

max. 8

2

Telephone system

RU 3

BVVU

2

max. 8

2

RU 2

BVVU

2

TU 3

BVVU

2

max. 8

2

RU 1

BVVU

2

max. 8

2

In-Home bus

BU telephone line

Public telephone network

2

3

Door station

*Alternatively: Activation of BVNG by additional wires

DOOR station

*Alternatively: Activation of BVNG by additional wires

Storey call button
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.

Performance features
- Expansion possible up to 8 cordless handsets
- Large colour display
- Illuminated keypad
- Telephone directory for 50 entries
- Caller list with 20 entries including date and time
- Manual video surveillance (camera connection)
- Switching and control functions such as light, garage door or shutters
- Operation possible with and without telephone system
- Combination and communication with all in-house and handsfree telephones (In-Home)
- ECO mode
- Handsfree function
- Control buttons on the charging tray
- Call forwarding, e.g. to a mobile phone, also for door calls (including PIN-protected door release)
- 8 ring tones
- Caller display (clip)
- Doormatic

Technical data
- Standards: DECT, GAP compatible
- 5.5 cm colour display, 240 x 320 pixel, illuminated
- Range outdoors up to 300 m, indoors up to 50 m
- Adjustable menu languages
- Date and time display
- Signal strength display
- Energy-saving line rectifiers (max. 0.5 W no load)
- ECO mode to reduce transmission output (distance-dependent transmission output)
- Li polymer battery
- Battery life on standby up to 100 h
- Dimensions:mm W x H x D
  Base station 180 x 180 x 32,
  cordless handset 170.5 x 50 x 25,
  charging tray 100 x 100 x 28

Standards: DECT, GAP compatible
5.5 cm colour display, 240 x 320 pixel, illuminated
Range outdoors up to 300 m, indoors up to 50 m
Adjustable menu languages
Date and time display
Signal strength display
Energy-saving line rectifiers (max. 0.5 W no load)
ECO mode to reduce transmission output (distance-dependent transmission output)
Li polymer battery
Battery life on standby up to 100 h
Dimensions:mm W x H x D
  Base station 180 x 180 x 32,
  cordless handset 170.5 x 50 x 25,
  charging tray 100 x 100 x 28
New
Siedle Scope

System components

S 850-0
Siedle Scope cordless DECT telephone with door video function 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 zoom and swivel function
• Call forwarding, e.g. to a mobile phone, also for door calls (including PIN-protected door release)
• Control of house functions such as light, garage door or shutters
• Communication between Scope and all other In-Home devices
• Domatic
• Upgradable:
  • 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
• Handfree 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: 0°C bis +40°C
Dimensions (mm) W x H x D:
Base station 180 x 180 x 32, mobile section 170.5 x 50 x 25, charger tray 100 x 100 x 28

Available from the 4th quarter of 2010

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.

SZM 850-0
Siedle Scope supplementary cordless handset with charging tray and plug-in line rectifier. The SZM 850-... is a compact 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
• Handfree 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: 0°C bis +40°C
Dimensions (mm) W x H x D:
Mobile section 170.5 x 50 x 25, charger tray 100 x 100 x 28

Available from the 4th quarter of 2010

Siedle Scope cordless DECT telephone with door video function

<table>
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<tr>
<td>S 850-0</td>
<td>E/S</td>
<td>Germany</td>
<td>DE</td>
</tr>
<tr>
<td></td>
<td>AVS</td>
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<td></td>
<td>EG5</td>
<td>Spain</td>
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<td>EC/5</td>
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<td>EKU</td>
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<td></td>
<td>KNO/5E</td>
<td>Denmark</td>
<td>DKNI/5E</td>
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<tr>
<td></td>
<td>SN/5E</td>
<td>Norway</td>
<td>DKN/5E</td>
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<td>SN/5U</td>
<td>Holland</td>
<td>NL</td>
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<td>Poland</td>
<td>PL</td>
</tr>
<tr>
<td></td>
<td>SN/5UK</td>
<td>UK</td>
<td>GB</td>
</tr>
</tbody>
</table>

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 DKNI/5E
Additional design variants on request

Siedle Scope cordless DECT telephone Purchase order code Weight (kg)

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<tr>
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<tbody>
<tr>
<td>E/S</td>
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<tr>
<td>AVS</td>
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<tr>
<td>WHS</td>
<td>0.19</td>
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<tr>
<td>SHS</td>
<td>0.19</td>
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</table>

Stainless steel Order code: ... E/S
Aluminium Order code: ... AVS

286
High gloss white (RAL 9016)
Order code: ... WH/S

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

<table>
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<tr>
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</tbody>
</table>

Purchase order example: (Stainless steel/Germany)
SZM 850-0 E/S EU

Additional design variants on request
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Application/System house

1 Multiple-unit residence or privately / commercially used building containing different residential units (RU) and/or offices.

Each RU can be equipped with a DoorCom Analog, whereby the connection must take place at a telephone system.

A combination with video is also possible using In-Home bus technology at any time.

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.

3 External door station

With the DoorCom Analog, the call numbers / telephones assigned to the call buttons can be dialled from the door loudspeaker. The connection must take place at an analogue telephone terminal in accordance with TBR-21.

4 One-family home with one or more door stations

which are connected via the DoorCom Analog to an existing a/b telephone with a “mini telephone system”.

The applications depicted here using In-Home bus technology can also be implemented using 1+n technology (with the exception of video functionality).

*Alternatively: Activation of BNG/BVNG by additional wires
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 switch panel (analog 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 PIG (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
- DTMF dialling corresponding to BTC 850...
- Selective dialling of max. 3 door loudspeakers without supplementary installation
- Operating dialling of the door to which the last call was placed
- Two-line alphanumeric display with 16 alphanumeric characters
- 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
- 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
- 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 horizontal characters
- 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
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door release and light using the DTMF dialling method
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- 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 interfac ing (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)
    - Facility for combining code and call number functions
  - Operating current: max. 100 mA

Please note:
The facility to utilize individual performance features may depend 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/flight by mouse click
- 3 freely assignable control functions can be actuated directly at the monitor
- Dailing of the door which placed the last call
- Direct dialing 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 GeForce 6600, Nvidia Quadro FX1400, ATI RADEON 9800/ X6000/9800,
- 100 MBit Ethernet card
- Sound card and
- Microsoft DirectX 9.0c.

**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: tcSiedle

**Expanded 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 352.
DCIP 650 In-Home bus connection
Application/System house

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. 31 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

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.
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 650-0... consists of the devices system interface In-Home bus Sil 650-..., system interface video server SIVS 610-... and IP video server IPVS 600-...

Performance features:
• The DCIP 650-0... behaves in the same way as an In-Home bus system user
• One DCIP 650-0... can be connected per line
• 4 software licences included in the scope of supply
• Further licences DCIP SC 600-... possible
• Max. 31 IP users (call destinations) can be called per DCIP 650-0... (depending on the system configuration)
• Call possible via call button module, display call module DRM 611-... or code lock 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 system 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 602-0... USB and the bus programming software BPS 650-0 from V 2.5 are required.
• Scope of supply: Sil 650-0... , SIVS 600-0... , IPVS 600-0...
• Operating voltage: 24–30 V DC
• Operating current: max. 450 mA
• Installation type: Top hat rail mounting
• Dimensions (mm) W x H x D: Sil 650-0... 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 (analogue 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
• 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

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
• Dimensions (mm) W x H x D: 53.5 x 89 x 60

PRI 602-01 USB
The programming interface PRI 602-01 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-... 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 602-01 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.
• 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 CPU
• 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® from version 6.0 to read the help

Notes:
- BPS 650-0, SII 650-0, BNG 650-0, BVNG 650-0, ZBVG 650-0, IPVS 600-0, SIVS 600-0, PVS 600-0, SIE 650-0, BNG 650-0, BVNG 650-0, ZBVG 650-0, IPVS 600-0, SIVS 600-0, PVS 600-0
- 128 MB and 16 bit colour depth
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 DTM 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 600-0... 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)

- TLML/LL 611-... required as door loud speaker module
- Call possible via call button module, display call module DRM 611-... or codelock 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

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
- Steeply 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 il
- 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 BN 650-... and BVWG 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 screw or 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 CPU
  - 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® Direct® 9.x
  - Microsoft® Internet Explorer® from version 6.0 to read the help

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DCIP 740 Multi link
Application/System house
1 door – up to 49 PC users

Used in combination with Siedle Multi, DoorCom IP provides a team capable of meeting the most stringent demands of system performance and flexibility. The Multi link offers all the same performance features of the system-free link - plus the entire capability of Siedle Multi. For instance with the free combination of Multi call stations and PC clients in a single system. This allows planners outstanding flexibility to address wide-ranging specifications and application variants. The Multi link is available in two different versions.

In the first one there is a DoorCom IP supplying up to 49 PC users assigned to every door. These can be combined with up to 500 Multi in-house telephones. Typical applications include large building complexes with mixed-use units in which it is not possible to dispense with conventional call stations or where the additional capability of Siedle Multi is required.

Performance features
• Transfer of door calls with/without video via the Ethernet/Intranet to PC users
• Free combination of PC remote stations and Siedle Multi terminals possible
• 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)
• 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
• Connection of 1 door up to 49 PC users
• Selective connection of doors (audio and video)
• Parallel call possible to max. 10 PC users
• Combination with code lock module COM 611-..., alphabetic input module AEM 645-... or display call module DRM 611-... possible for direct calls to PC users

• A DCIP SC can be operated simultaneously at several DCIPs

Please note:
In the system drawing shown here, no power supply or control devices are depicted. When planning and configuring your system, our project sales team will be pleased to lend their support.
See page 352
A maximum of 254 doors - up to 4 PC users

In this version of the Multi link, DoorCom IP links a maximum of 254 inputs with up to 4 PC users. Other users communicate via the Multi bus and Siedle call stations. Typical applications include properties with multiple access points which are monitored from a control centre, for example by a caretaker or security service. This type of property generally has a comprehensive data network. With DoorCom IP, the building communication system uses this infrastructure. This makes its use more convenient, more flexible and lower in cost.

Performance features
- Transfer of door calls with/without video via the Ethernet/Internet to PC users
- Free combination of PC users possible and Siedle Multi terminals
- 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)
- 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
- Connection of up to max. 254 doors possible
- 1 speech circuit to the door
- Selective connection of doors (audio and video)
- Parallel call possible to max. 10 PC users
- Combination with code lock module COM 611-..., alphabetic input module AEM 645-... or display call module DRM 611-... possible for direct calls to PC users
- A DCIP SC can be operated simultaneously at several DCIPs

Please note:
In the system drawing shown here, no power supply or control devices are depicted.
When planning and configuring your system, our project sales team will be pleased to lend their support. See page 352
DCIP 740 Multi link
System components

DCIP 740-0
The DoorCom IP links the Siedle Multi system with an IP network/Intranet. As a functional unit, the DCIP 740-0 consists of the devices system interface video server SIVS 610-... IP video server IPVS 600 and the system interface Multi SIM 740-0... Performance features
• 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
• Max. 254 doors can be connected
• 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
• Door release and light actuation from the PC using a mouse click or finger pressure
• Door dialling from the PC using a mouse click or finger pressure (audio/video)

Scope of supply: SIVS 610-0
IPVS 600-0, SIM 740-0
Operating voltage: 24–28 V DC
Operating current: max. 500 mA

Installation type: Top hat rail mounting
Dimensions (mm) W x H x D:
SIVS 610-0 144 x 130 x 55
IPVS 600-0 112 x 85 x 40
SIM 740-0 107 x 89 x 60

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

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 programmi 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® from version 6.0 to read the help
Intelligent living
Interface to building automation
Application/System house

“Smart Home”, the intelligent 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 352

Building automation system
- Building technology
- Telecommunication
- Information
- Entertainment

Interface
Siedle DoorCom®

max. 254 doors
Sets

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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

Specifications CV 850-...
Contact type: 2 n.o. contacts max. 15 V AC, 30 V DC, 2 A
Protection system: IP 54, IK 10
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.
Siedle Compact sets Audio

**SET CA 812-1 BS/W**
Compact audio set for the one-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 812-2 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 812-11 BS/W USA**

**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 812-14 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.

**ZERT 811-0**
Storey call accessory for mounting in the HTS 811x.
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 850-1 BS/W**
Compact video set for the one-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 6.3 cm for surface-mounting. The set is functionally coordinated. Basic functions calling, speech, vision and door release.

**SET CVF 850-1 BS/W**
Compact video set for the one-family home.
Door station with integrated colour CCD camera for surface-mounting, video line rectifier for switch panel mounting and standard handstree bus telephone with colour monitor 6.3 cm for surface-mounting. The set is functionally coordinated. Basic functions calling, speech, vision and door release.

**SET CV 850-2 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 handstree bus telephones with colour monitor 6.3 cm for surface-mounting. The set is functionally coordinated. Basic functions calling, speech, vision and door release.

**SET CVF 850-2 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 handstree bus telephones with colour monitor 6.3 cm for surface-mounting. The set is functionally coordinated. Basic functions calling, speech, vision and door release.

**SET CV 850-11 BS/W USA**
Compact video set for the one-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 6.3 cm for surface-mounting. The set is functionally coordinated. Basic functions calling, speech, vision and door release.

**SET CVF 850-11 BS/W USA**
Compact video set for the one-family home.
Door station with integrated colour CCD camera for surface-mounting, video line rectifier for switch panel mounting and standard handstree bus telephone with colour monitor 6.3 cm for surface-mounting. The set is functionally coordinated. Basic functions calling, speech, vision and door release.

**SET CV 850-12 BS/W USA**
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 handstree bus telephones with colour monitor 6.3 cm for surface-mounting. The set is functionally coordinated. Basic functions calling, speech, vision and door release.

**SET CVF 850-12 BS/W USA**
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 handstree bus telephones with colour monitor 6.3 cm for surface-mounting. The set is functionally coordinated. Basic functions calling, speech, vision and door release.
Replacement and modernization

| Overview                                     | 310 |
| Replacement for series TL 111               | 312 |
| Replacement for Vario 511                   | 316 |
| Replacement / upgrade HTA 811-0             | 320 |
Replacement and modernization

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.

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.

All the video set requires: A simple doorbell

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-mounted housing.

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.
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.

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.

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.
Replacement and modernization
Replacement for series TL 111

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 difference to 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 FT 101-0 A to FT 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 352
6+n technology
CL 111-S R
In-Home bus
CL 111-S B-01
Door station with stainless steel front, V4A brushed, for mounting on a flush-mount housing “size C” of series TL 111; door loudspeaker with 5 call buttons without flush-mount housing. Ambient temperature: -20°C to +55°C Dimensions front panel (mm) W x H x D: 170 x 338 x 2

Overview of system components for modernization of existing Siecle systems TL 111-...

<table>
<thead>
<tr>
<th>Existing door loudspeaker</th>
<th>Door station modernization</th>
<th>Modernization of the door station and internal and distribution units</th>
</tr>
</thead>
<tbody>
<tr>
<td>TL 111</td>
<td>CL 111-... R</td>
<td>CL 111-... B*, N**</td>
</tr>
<tr>
<td>TL 111 with ZTL 056</td>
<td>Not possible</td>
<td>CL 111-... B*</td>
</tr>
<tr>
<td>TL 111 with ZTL 057</td>
<td>Not possible</td>
<td>CL 111-... B*</td>
</tr>
<tr>
<td>TL 111 with TLE 051-...</td>
<td>CL 111-... R</td>
<td>CL 111-... B*, N**</td>
</tr>
</tbody>
</table>

* In-Home bus: Suitable internal and distribution units are featured from page 194
**6+n technology: Suitable internal and distribution units are featured from page 228
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 upgrade – for example by adding video surveillance or electronic access control. Here too, the existing fixtures and wires are maintained, no masonry work is required.

### Door station modernization

#### 1. Mechanical components

<table>
<thead>
<tr>
<th>Designation</th>
<th>For TL 111-…</th>
<th>Dimensions (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KSA 602-0 + APA 611-0</td>
<td>TL 111-1A</td>
<td>200 x 231 x 45,3</td>
</tr>
<tr>
<td>KSA 603-0 + APB 611-0</td>
<td>TL 111-2B</td>
<td>200 x 331 x 45,3</td>
</tr>
<tr>
<td>KSA 603-0 + APB 611-0</td>
<td>TL 111-3B</td>
<td>200 x 331 x 45,3</td>
</tr>
<tr>
<td>KSA 604-0 + APC 611-0</td>
<td>TL 111-4C</td>
<td>200 x 431 x 45,3</td>
</tr>
<tr>
<td>KSA 604-0 + APC 611-0</td>
<td>TL 111-5C</td>
<td>200 x 431 x 45,3</td>
</tr>
<tr>
<td>KSA 604-0 + APC 611-0</td>
<td>TL 111-6C</td>
<td>200 x 431 x 45,3</td>
</tr>
</tbody>
</table>

#### 2. Electrical components

<table>
<thead>
<tr>
<th>Designation</th>
<th>For TL 111-…</th>
<th>TL 611-…</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLM 611-0 and TM 612-…</td>
<td>TL 111-…</td>
<td>Not possible</td>
</tr>
<tr>
<td>Not possible</td>
<td>TL 111-…, with ZTL 056</td>
<td></td>
</tr>
<tr>
<td>Not possible</td>
<td>TL 111-…, with ZTL 057</td>
<td></td>
</tr>
<tr>
<td>TLM 611-0 and TM 612-…</td>
<td>TL 111-…, with TLE 051-…</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Modernization of the door station and internal and distribution units</th>
<th>for TL 111-...</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-Home bus* or 1+n technology**</td>
<td>TL 111-...</td>
</tr>
<tr>
<td>In-Home bus*</td>
<td>TL 111-... with ZTL 056</td>
</tr>
<tr>
<td>In-Home bus*</td>
<td>TL 111-... with ZLT 057</td>
</tr>
<tr>
<td>In-Home bus* or 1+n technology**</td>
<td>TL 111-... with TLE 051-...</td>
</tr>
</tbody>
</table>

* In-Home bus: BTLM 650-... and BTM 650-...
** 1+n technology: TLM 612-... and TM 612-...

Suitable internal and distribution units are featured from page 194
Suitable internal and distribution units are featured from page 228
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.

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

<table>
<thead>
<tr>
<th>Designation</th>
<th>for flush-mounted housing</th>
<th>for mounting frame</th>
<th>for combination frames</th>
</tr>
</thead>
<tbody>
<tr>
<td>VA GU 511-...</td>
<td>GU 511-...</td>
<td>MR 611-1/1-...</td>
<td>KR 611-1/1-0</td>
</tr>
<tr>
<td>VA GU 512-...</td>
<td>GU 512-...</td>
<td>MR 611-2/1-...</td>
<td>KR 611-2/1-0</td>
</tr>
<tr>
<td>VA GU 524-...</td>
<td>GU 524-...</td>
<td>2 x MR 611-2/1-...</td>
<td>KR 611-2/2-0</td>
</tr>
<tr>
<td>VA GU 513-...</td>
<td>GU 513-...</td>
<td>MR 611-3/1-...</td>
<td>KR 611-3/1-0</td>
</tr>
<tr>
<td>VA GU 514-...</td>
<td>GU 514-...</td>
<td>MR 611-4/1-...</td>
<td>KR 611-4/1-0</td>
</tr>
</tbody>
</table>

Designation | Dimensions (mm) W x H x D | Weight (kg) |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>VA GU 511-0</td>
<td>86 x 121 x 30</td>
<td>0.15</td>
</tr>
<tr>
<td>VA GU 512-0</td>
<td>86 x 211 x 30</td>
<td>0.22</td>
</tr>
<tr>
<td>VA GU 524-0</td>
<td>179 x 214 x 30</td>
<td>0.45</td>
</tr>
<tr>
<td>VA GU 513-0</td>
<td>86 x 305 x 30</td>
<td>0.38</td>
</tr>
<tr>
<td>VA GU 514-0</td>
<td>86 x 393 x 30</td>
<td>0.45</td>
</tr>
</tbody>
</table>

2. Electrical components

<table>
<thead>
<tr>
<th>Designation</th>
<th>for door loudspeaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLM 611-0 and TM 612-...</td>
<td>TLE 511-...</td>
</tr>
<tr>
<td>TLM 611-0 and TM 612-...</td>
<td>TLM 511-...</td>
</tr>
<tr>
<td>TLM 611-0 and TM 612-...</td>
<td>TLM/TK 511-...</td>
</tr>
<tr>
<td>TLM 612-... and TM 612-...</td>
<td>TLM 512-... with TM 511/2D 512-4</td>
</tr>
<tr>
<td>Not possible</td>
<td>TLE or TLM 521-...</td>
</tr>
<tr>
<td>Not possible</td>
<td>TLM 522-...</td>
</tr>
</tbody>
</table>

Door station modernization

<table>
<thead>
<tr>
<th>Designation</th>
<th>for door loudspeaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-Home bus* or 1+n technology**</td>
<td>TLE 511-...</td>
</tr>
<tr>
<td>In-Home bus* or 1+n technology**</td>
<td>TLM 511-...</td>
</tr>
<tr>
<td>In-Home bus* or 1+n technology**</td>
<td>TLM/TK 511-...</td>
</tr>
<tr>
<td>In-Home bus*</td>
<td>TLE or TLM 521-...</td>
</tr>
<tr>
<td>In-Home bus*</td>
<td>TLM 522-...</td>
</tr>
</tbody>
</table>

* In-Home bus: BTLM 650-... and BTM 650-... Suitable internal and distribution units are featured from page 184.

** 1+n technology: TLM 612-... and TM 612-... Suitable internal and distribution units are featured from page 228.

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

1. 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 on the existing fixture of the SB 511 or SRBK 511 from the Vario 511 series, for retaining the KSF 611 with mounting accessories.
Dimensions (mm) W x H x D:
228 x 209 x 12
Austausch und Modernisierung

### Systems with pass-through letterbox

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.

**Combination frame for modernization of letterbox systems**

**Turn age ...**
Siedle Vario 511 with combination frame KR 513-3 (left)

**... into beauty:**
Siedle Vario 611 with combination frame KR 613-3 (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

### Systems with post removal from the front

**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)

* 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 centimetres.

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 614-1/4 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
Replacement and modernization
Replacement / upgrade HTA 811-0

Product description

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 01-...
• 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 control
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: 90 x 200 x 45

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 711-0/16
Dimensions (mm) W x H x D: 80 x 80 x 3B

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

<table>
<thead>
<tr>
<th>Standard variant without panel</th>
<th>Order key white housing</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>W</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Design variants with panel</th>
<th>Order key translucent housing</th>
<th>Order key black housing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless steel</td>
<td>E/T</td>
<td>E/5</td>
</tr>
<tr>
<td>Aluminium</td>
<td>A/T</td>
<td>A/5</td>
</tr>
<tr>
<td>High gloss white</td>
<td>WH/T</td>
<td>WH/5</td>
</tr>
<tr>
<td>High gloss black</td>
<td>SH/T</td>
<td>SH/5</td>
</tr>
<tr>
<td>Gold</td>
<td>EG/T</td>
<td>EG/5</td>
</tr>
<tr>
<td>Chrome</td>
<td>EC/T</td>
<td>EC/5</td>
</tr>
<tr>
<td>Wenge</td>
<td>HW/T</td>
<td>HW/5</td>
</tr>
<tr>
<td>Bamboo</td>
<td>HB/T</td>
<td>HB/5</td>
</tr>
</tbody>
</table>

Example HTA 811-0 W
Further execution on demand
## Siedle service

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</tbody>
</table>
**Siedle lettering service**

**Cohesive appearance - optimum legibility**
Whether names or titles, company designations or opening hours: On request, Siedle will be pleased to provide the lettering for your communication system. Typography is part of the Vario 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. Inscription in the form of laser cutting technology or engraving is also possible in the Siedle Steel range.

Please contact Siedle or your local representative for inscription possibilities. See page 350-352.
Training and instruction

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 350-352.

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 350-352.

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**HTA 711-...**  
**BTS 750-...**  
**BTC 750-...**

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Light line rectiﬁer for pedestals
Light pedestal
Light pedestal
Light pedestal
Fibre optic cable receiver module
Fibre optic cable transmitter module
Mounting adapter
Mounting adapter for LED surface light

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MOM 740-0
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Mounting adapter
Multifunction module
Multifunction module
Multifunction module
Universal network ﬁlter
Universal mains ﬁlter
Colour monitor
Monitor, monochrome
Mounting frame
Mounting frame
Mounting frame

MR 611-4/1-0

Mounting frame

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Engine room call station
Electret microphone
Mains storage battery set CE
Line rectiﬁer
Line rectiﬁer
Line rectiﬁer
Line rectiﬁer
Line rectiﬁer
Line rectiﬁer
Emergency call signal station
Secondary signal unit
Secondary signal unit
Secondary signal controller
Orientation sign
Orientation sign
Orientation sign
Orientation sign
Orientation sign
Mounting plate
Orientation sign
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Type
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Designation
Surface-mounted space-saving letterbox
Surface-mounted space-saving letterbox
Surface-mounted space-saving letterbox
Surface-mounted space-saving letterbox
Surface-mounted space-saving letterbox
Siedle Scope cordless DECT telephone with
door video function
SAC 640-0
Collective call controller
SB 800-0
Select letterbox
SBA 850-0
Select letterbox audio
SBV 850-0
Select letterbox video
SCE 640-0
Switching controller extension
SCO 740-0
System controller
SDM 600-0
Socket module
SET CA 812-1
Compact audio set
SET CA 812-11 USA Compact audio set
SET CA 812-2
Compact audio set
SET CA 812-12 USA Compact audio set
SET CA 812-3
Compact audio set
SET CA 812-13 USA Compact audio set
SET CA 812-4
Compact audio set
SET CA 812-14 USA Compact audio set
SET CV 850-1
Compact video set
SET CV 850-11 USA Compact video set
SET CV 850-2
Compact video set
SET CV 850-12 USA Compact video set
SET CVF 850-1
Compact video set with handsfree telephone
SET CVF 850-11 USA Compact video set with handsfree telephone
SET CVF 850-2
Compact video set with handsfree telephone
SET CVF 850-12 USA Compact video set with handsfree telephone
SFC 602-0
Switching-/remote controller
SH 640-01
Service hand set
SLB 800-0
Select LED light with movement sensor
SM 611-01
Lock module
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SPS video control extension
SPS VIDEO 1/4 G
SPS video control
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Select doorstation audio
STA 850-2
Select doorstation audio
STA 850-4
Select doorstation audio
STG 640-01
Control unit
STV 850-1
Select doorstation video
STV 850-2
Select doorstation video
STV 850-4
Select doorstation video
SVG 641-0
Speech channel supply unit
SZ 911A-2
Switchboard
SZ 911A-4
Switchboard
SZM 850-0 EU
Siedle Scope supplementary cordless handset
with charging tray
TCIP 603-02 DE
Door controller IP
TCIP 603-02 FR/NL/DK Door controller IP
TCIP 603-02 IT/ES
Door controller IP
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Door controller IP software
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Door loudspeaker controller
TLE 051-01
Custom-ﬁt door loudspeaker
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TLM/LL 611-02
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TLM/LL 611-02
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TM 612-1
Call button module
TM 612-2
Call button module
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Call button module
TM 612-4
Call button module
TME 640-0
Call button module extension
TME 645-01
Call button module extension
TR 602-01
Transformer
TR 603-0

Transformer

TR 624-0
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Transformer
Door release
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