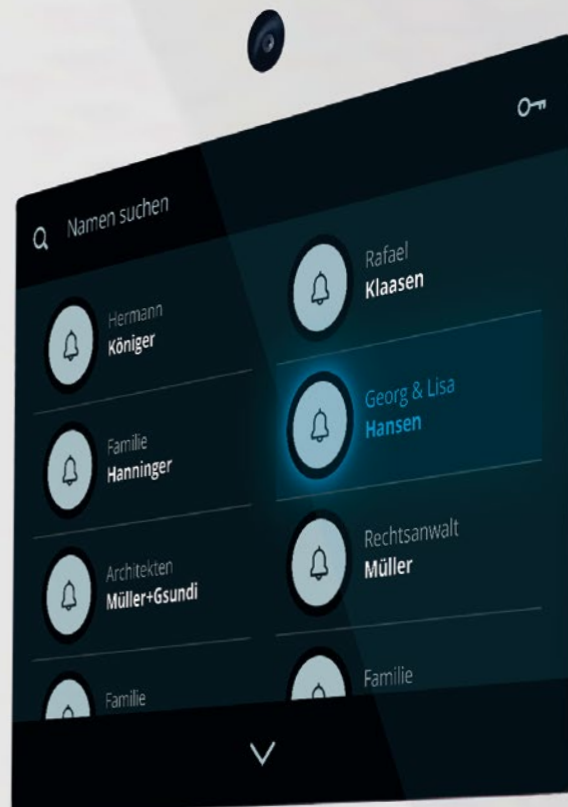


The most beautiful form of communication

Catalogue



Dear customer,

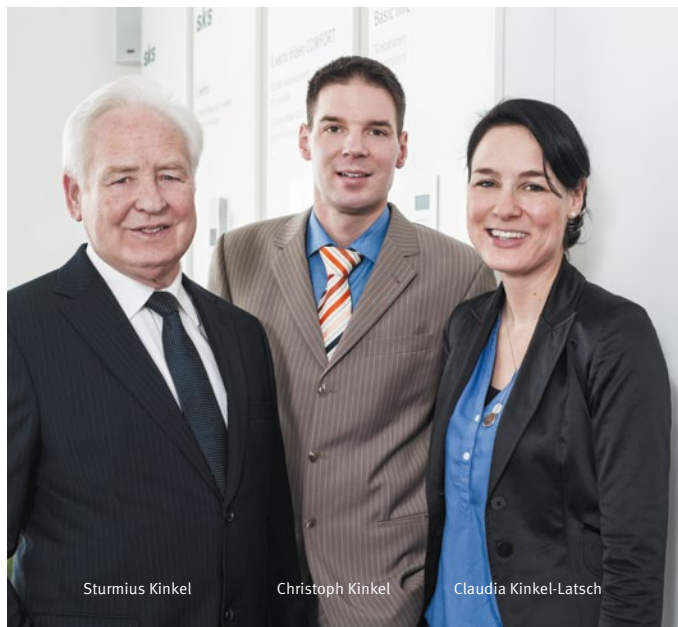
Communication is the central topic of modern life. Nowadays intelligent solutions for building communication ensure a high quality of living and housing standards, security, mobility and an efficient use of energy.

For more than 35 years SKS has been committed to the company's overall philosophy of combining up-to-date product technology, the highest standards for design and material, and customized solutions.

The family-run business SKS not only stands for high quality, reliability, trust and customer satisfaction – stable values in these fast-paced times - but also for progress in technology, design and handling.

Modern building communication is integrated into architecture, connects building and resident, home and human being.

We accompany you from the selection of the product through the installation phase until the device is actually put into operation.



We would like to take this opportunity to thank you for your inspiration and trust. Together with you, our customers, we are looking forward to new challenges and our continuing successful cooperation.

Sincerely yours, the Kinkel family

Take advantage of our comprehensive knowledge
in the area of house communication.

Your Advantage when using an SKS Device

Take advantage of more than 35 years of competence in door communication – optimal customer service can be taken for granted



We accompany you from the planning stages to the start-up



Your personal SKS consultant will assist you in all project stages



Products have received multiple design awards



Solutions for a wide variety of buildings and situations



Individuality and high flexibility in the area of door stations



Considerable choice of materials



Short delivery times even for customized units



Best value for your money



Pre-wired door stations (considerable reduction of installation costs)



One-man programming due to the use of DIP switches



Secure BUS programming due to DIP switches



Certification in accordance with ISO 9001:2008

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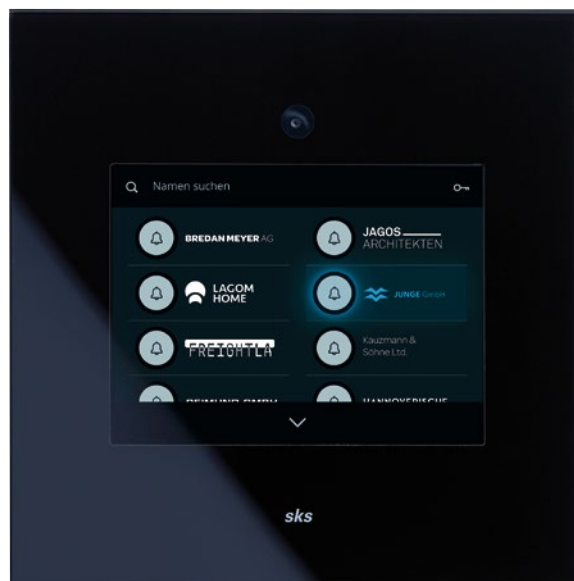
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SKS Series CASA

Thanks to its intuitive and easy handling the CASA series is appealing to any target group. The symbiosis of high quality materials creates the sophisticated design of the surface mounted CASA series. The 17.8 cm (7") pin-sharp display ensures a crisp view of any details.

With image storage

Image storage +

17.8 cm (7")
TFT color display +

Polyphonic
ringtones may be
selected +



+ Operated via
touch display

Also available
in silver



🎵 Polyphonic ringtones



Specifications and features:



220 x 197 x 22 mm
Dimensions: width x height x depth



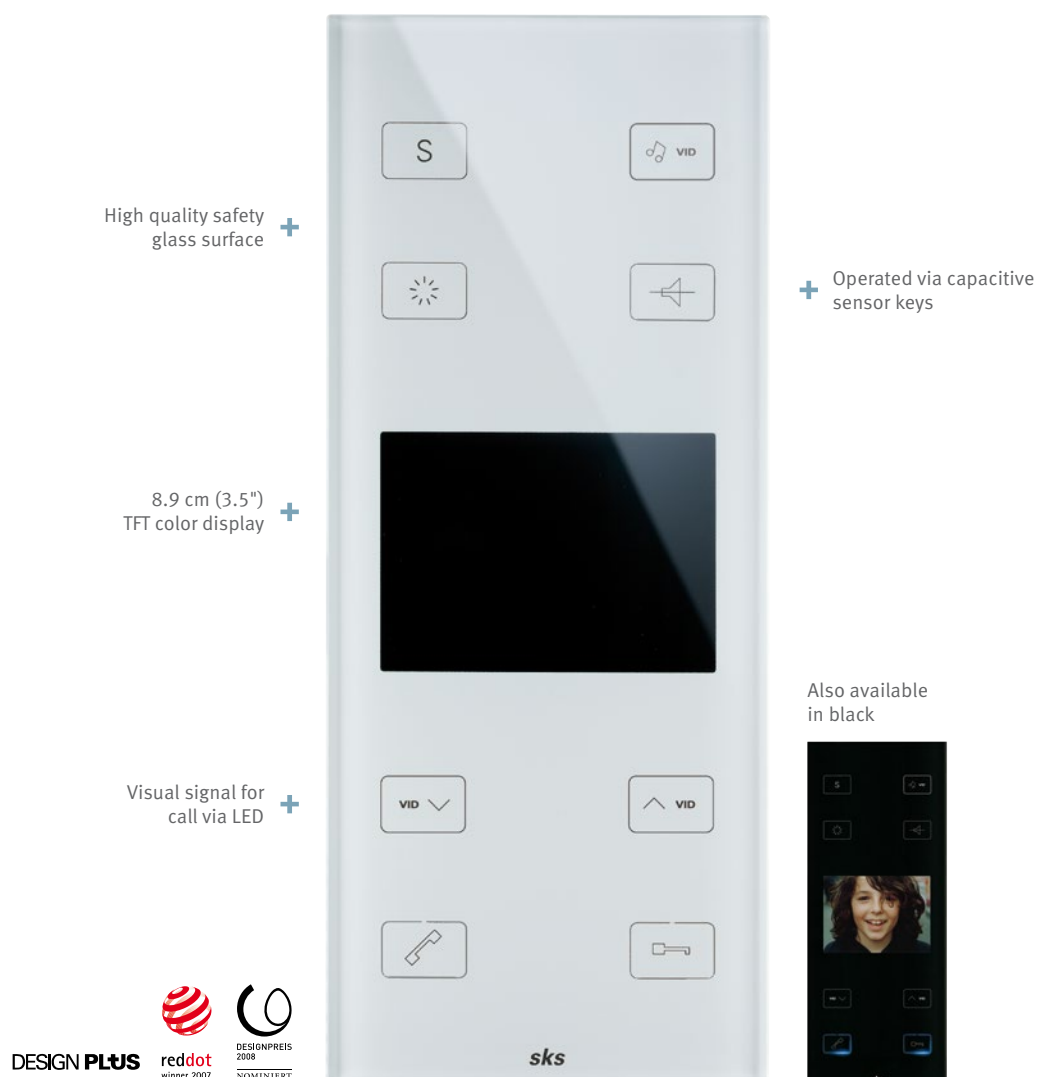
Available colors:
silver / white

- SKS BUS technology
- Operated via touch display with the following functions: call acceptance, door opening, switch function available (via switch actuator 300022 (4507) – without additional wires), setting the volume of the ringtone and melodies, switching it off (call is automatically switched back on after 12 hours), setting of color, contrast, and brightness, image storage
- TFT color display is automatically switched on when door bell is rung
- visual signal for call via LED
- video and audio privacy function
- one-man installation and programming
- optional parallel connection of up to 3 indoor stations
- 8 interval door calls and 4 floor call melodies
- 5 settings for ringtone volume
- menus available in German or English
- audio signal when the menu button is pushed
- image storage
- images can be stored on SD card
- hands-free function
- noise cancelling microphone
- intercom system for up to 6 parties
- polyphonic ringtones available (differentiation between door call and floor call possible)
- surface-mounted

Article No.	Description	Color
100063	CASA with image storage, 6-wire	silver
100067	CASA with image storage, 6-wire	white

SKS Series il vetro Video

Using special safety glass with integrated sensor technology enabled us to achieve an extremely flat design. This results in a reduction to clear lines and the slim silhouette of il vetro.




A critical feature of today's world is the fact that products in our daily life have short lifespans and are here today and gone tomorrow. We therefore believe that it is even more important to develop new products that convince with timeless elegance and thus show potential for sustainability.

Our glass intercom series il vetro is characterized by innovative design combined with high quality materials. These are features that make il vetro the ideal companion for sophisticated design.



Specifications and features:


 95 x 230 x 29 mm
 Dimensions: width x height x depth


 Available colors:
 black / white

- SKS BUS technology
- high quality safety glass surface
- key functions: call acceptance, door opening, setting the volume and the melodies of the ringtone, switching it off (call is automatically switched back on after 12 hours), setting of color, contrast, and brightness, switch function available (via switch actuator 300022 (4507) without additional wires)
- Optional internal call for up to 2 additional parties possible
- TFT color display is automatically switched on when door bell is rung
- visual signal for call via LED
- operated via capacitive sensor keys
- video and audio privacy function
- one-man installation and programming
- optional parallel connection of up to 3 indoor stations
- 8 door call and 4 floor call melodies
- 5 settings for ringtone volume
- easy and hygienic cleaning since the glass plate has no speaker slots (speakers are on the sides)
- audio signal when keys are activated (except for keys used in setting up the display)
- hands-free function
- background noise suppression when speaking
- surface-mounted (also available for flush-mounted installation – please inquire)

2-wire

Article No.	Description	Color
100018	il vetro Video, 2-wire	white
100017	il vetro Video, 2-wire	black

6-wire

Article No.	Description	Color
100021	il vetro Video, 6-wire	white
100020	il vetro Video, 6-wire	black

SKS Series DS2010 Video

Central element of the DS2010 series is the sophisticated ring used for its operation. This series is marked by a brilliant interaction between long-lasting and emotional design – as defined by Universal Design. The series offers audio and video stations, delivered as hands-free models or with a receiver.

Including image storage (optional)

8.9 cm (3.5")
TFT color display +

Operated via centre key +

A contained basic
product with an
emotional touch +



+ Polyphonic
ringtones

+ Visual signal for call
via LED ring

+ Ergonomic receiver
attached to the unit with
a magnet

Also available
in black



🎵 Polyphonic ringtones

Operation of this device is centrally located and organized in a central control element. Die Bedienung ist in einem zentralen Bedienelement konzentriert und geordnet. The speech function is additionally visualized by an LED ring.

The DS2010 device which offers a receiver is suitable for any target group because the receiver has an ergonomic shape and is attached to the unit with a magnet for easy positioning.



Specifications and Features



90 x 212 x 23 mm / hands-free
90 x 275 x 41 mm / with receiver
Dimensions: width x height x depth



Available colors:
black / white

- SKS BUS technology
- key functions: call acceptance (DS2010 hands-free), door opening, setting the volume and the melodies of the ringtone, switching it off (call is automatically switched back on after 12 hours)
- adjusting contrast and brightness
- switch function available (via switch actuator 300022 (4507) without additional wires)
- TFT color display is automatically switched on when door bell is rung
- visual signal for call via illuminated LED ring
- video and audio privacy function
- one-man installation and programming
- optional parallel connection of up to 3 indoor stations
- 8 door call and 4 floor call melodies
- 5 settings on LED ring for ringtone volume
- the menu is presented on the TFT color display (OSD function)
- surface-mounted

2-wire

Article No.	Description	Color
100058	DS2010 series video, hands-free, glossy, 2-wire	white
100050	DS2010 series video, hands-free, 2-wire	black
100055	DS2010 video, receiver, 2-wire	white
100054	DS2010 video, receiver, 2-wire	black

2-wire with image storage function

Article No.	Description	Color
100060	DS2010 series video, hands-free, glossy, 2-wire	white
100042	DS2010 series video, hands-free, 2-wire	black
100047	DS2010 video, receiver, 2-wire	white
100046	DS2010 video, receiver, 2-wire	black

6-wire

Article No.	Description	Color
100059	DS2010 series video, hands-free, glossy, 6-wire	white
100052	DS2010 series video, hands-free, 6-wire	black
100057	DS2010 series video, receiver, 6-wire	white
100056	DS2010 series video, receiver, 6-wire	black

6-wire with image storage function

Article No.	Description	Color
100061	DS2010 series video, hands-free, glossy, 6-wire	white
100044	DS2010 series video, hands-free, 6-wire	black
100049	DS2010 series video, receiver, 6-wire	white
100048	DS2010 series video, receiver, 6-wire	black

SKS Series HTV4600 – straightforward design

The HTV4600 series convinces with a slim design as well as elegant surfaces. The video monitor HTV4600 reduces the control elements to the absolute essential. The user is not disturbed by unnecessary functions and consequently may intuitively operate the monitor.





Specifications and Features



90 x 255 x 42 mm / with receiver
Dimensions: width x height x depth



Available colors:
black / white

- key functions: door opening, setting the volume of the ringtone and melodies, switching it off (call is automatically switched back on after 12 hours), switch function available (via switch actuator 300022 (4507) – without additional wires), setting of color, contrast, and brightness
- TFT color display is automatically switched on when door bell is rung
- visual signal for call via LED
- Receiver is kept in place with a magnet (perfect positioning guaranteed for any target group of users)
- video and audio privacy function
- one-man installation and programming
- optional parallel connection of up to 3 indoor stations
- 8 door calls and 4 floor call melodies
- 5 settings for ringtone volume
- Optionally available with 5 additional keys for internal intercom function
- surface-mounted

With glass cover

Article No.	Description	Color
2-wire		
100035	HTV4600 (6 keys), 2-wire	white
6-Draht		
100039	HTV4600 (6 keys), 6-wire	white

With plastic cover

Article No.	Description	Color
2-wire		
100037	HTV4600 (6 keys), 2-wire	white
100036	HTV4600 (6 keys), 2-wire	black
100029	HTV4611 (11 keys), 2-wire	white
6-wire		
100041	HTV4600 (6 keys), 6-wire	white
100040	HTV4600 (6 keys), 6-wire	black
100033	HTV4611 (11 keys), 6-wire	white

SKS il vetro Audio

The il vetro series is characterized by timeless elegance and innovative design combined with high quality materials. The use of safety glass without any visible speaker slots allows for easy and hygienic cleaning of the surface.



SKS audio systems ideally complement the video devices described above. Using a special safety glass with integrated sensor technology we have succeeded in creating an extremely flat design.

Consequently we have accomplished a reduction to clear lines and a slim design of il vetro. It is these features that make il vetro the ideal companion for sophisticated architecture.



Specifications and Features



95 x 165 x 29 mm
Dimensions: width x height x depth



Available colors:
black / white

- SKS BUS technology
- high quality safety glass surface
- key functions: call acceptance, door opening, setting the volume of the ringtone and melodies, switching it off (call is automatically switched back on after 12 hours), switch function available (via switch actuator 300022 (4507) – without additional wires)
- Optionally 2 further parties may be added to internal calls
- visual signal for call via LED
- operated via capacitive key sensors
- audio privacy function
- one-man installation and programming
- Optional parallel connection of up to 4 indoor stations
- 8 door calls and 4 floor call melodies
- 5 settings for ringtone volume
- easy and hygienic cleaning due to glass plate without speaker slots (speakers are on the sides)
- audio signal when function keys are activated
- hands-free function
- cancels out background noise when talking
- surface-mounted

Article No.	Description	Color
200004	il vetro audio, 2-wire	white
200003	il vetro audio, 2-wire	black

SKS Series DS2010 Audio

Central element of the DS2010 series is the sophisticated ring used for its operation. This series is marked by a brilliant interaction between long-lasting and emotional design – as defined by Universal Design. The series offers audio and video stations, delivered as hands-free models or with a receiver.

A contained basic product with an emotional touch +

Operated via centre key +

Universal Design +



+ Visual signal for call via LED ring

+ Ergonomic receiver attached to the unit with a magnet

Also available in black



🎵 Polyphonic ringtones

The operation of this device is centrally located and organized in a central control element. The speech function is additionally visualized by an illuminated ring.

The receiver of the DS2010 series is suitable for any target group because of the ergonomic receiver that is positioned on the unit with a magnet.





Specifications and Features



90 x 170 x 23 mm / hands-free
90 x 212 x 41 mm / with receiver
Dimensions: width x height x depth



Available colors:
black / white

- SKS BUS technology
- key functions: call acceptance (DS2010 hands-free), door opening, setting the volume and the melodies of the ringtone, switching it off (call is automatically switched back on after 12 hours), switch function available (via switch actuator 300022 (4507) without additional wires)
- visual signal for call via illuminated LED ring
- audio privacy function
- one-man installation and programming
- optional parallel connection of up to 4 indoor stations
- 8 door call and 4 floor call melodies
- 5 settings on LED ring for ringtone volume
- surface-mounted

Hands-free

Article No.	Description	Color
200026	Series DS2010 Audio polyphonic, glossy, 2-wire	white
200022	Series DS2010 Audio polyphonic, 2-wire	black

Receiver

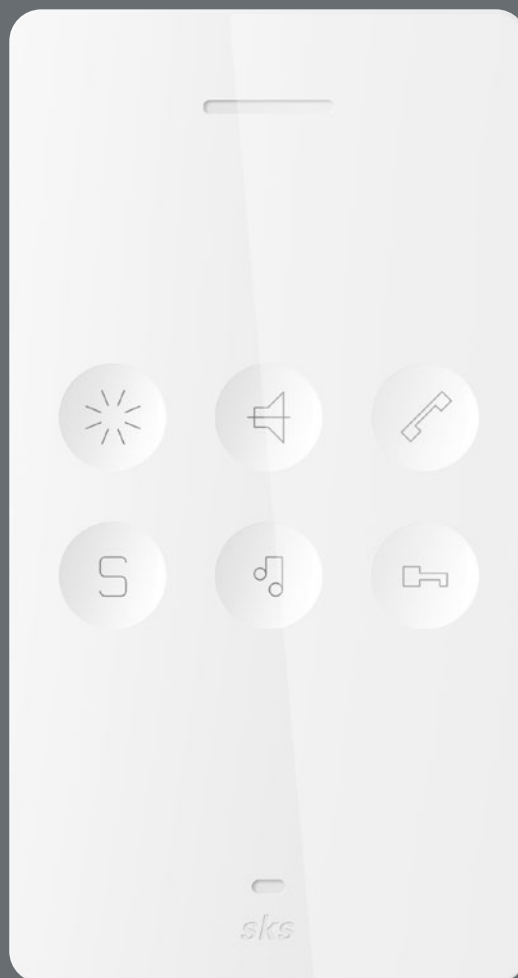
Article No.	Description	Color
200025	Series DS2010 Audio polyphonic, 2-wire	white
200024	Series DS2010 Audio polyphonic, 2-wire	black

SKS BS2012 Audio Series

BS2012 is the innovation of the SKS basic models in the area of audio hands-free intercoms. 6 concave shaped buttons facilitate orientation and use for all target groups.

Elegant and timeless design +

Harmonic ringtones +



+ Only protrudes 13 mm from the wall

+ Optimal handling for any target group

The door station presents itself, like all SKS door stations, in a well-balanced design and focuses on the central functions of an intercom.

Durability and easy cleaning is guaranteed due to the fact that we have not used moving parts.

With a mounting depth of 13 mm the intercom has minimal projection and provides reliable SKS technology for limited space. Harmonic ringtones add to the pleasant ambiance the device contributes to.

By reducing the design to the essential aspects only and due to its optimal haptic, the intercom BS2012 is an ideal and uncompromising product for any architect, builder, or home owner.



Specifications and Features



80 x 150 x 13 mm
Dimensions: width x height x depth



Available color:
white

- SKS BUS technology
- key functions: call acceptance, door opening, setting the volume and the melodies of the ringtone, switching it off (call is automatically switched back on after 12 hours), switch function available (via switch actuator 300022 (4507) without additional wires)
- visual signal for call via LED
- audio privacy function
- one-man installation and programming
- optional parallel connection of up to 4 indoor stations
- 8 door call and 4 floor call melodies
- 5 settings for ringtone volume
- operation via 6 concave-shaped user interfaces / control panels (allows for optimal handling by any target group)
- Mounting only with in-wall flush boxes or cavity-wall boxes
- surface-mounted

Article No.	Description	Color
200021	BS2012, Audio hands-free, 2-wire	white

SKS Series HT4600

The HT4600 series reduces the control elements to the absolute essential. The receiver is shaped ergonomically and is positioned on the unit with the help of a magnet. For this reason the device ensures comfortable handling for all target groups.

Audio systems
BUS technology

Model with 10 keys
(for internal intercom use)



82 x 195 x 33 mm
Dimensions: width x height x depth



Available color:
white

- SKS BUS technology
- key functions: door opening, setting the volume and the melodies of the ringtone, switching it off (call is automatically switched back on after 12 hours), switch function available (via switch actuator 300022 (4507) without additional wires)
- visual signal for call via LED

- audio privacy function
- one-man installation and programming
- optional parallel connection of up to 4 indoor stations
- 8 interval door call and 4 floor call melodies
- 5 settings for ringtone volume
- optionally 6 additional keys for internal intercom function
- surface-mounted

4 Keys

Article No.	Description	Color
200009	HT4600 (4 keys), 2-wire	white

4 keys + 6 keys for internal intercom function

Article No.	Description	Color
200010	HT4600 (10 keys), 2-wire	white

SKS Table Installation Kit

Table installation kits are an alternative to wall-mounted intercoms by SKS.
Examples of applications: office buildings, medical practices, home offices, etc.

300100

Table installation kit video
for the video series il vetro,
DS2010 and HTV4600

Post: 140 x 100 x 10 mm
Mounting plate: 288 x 80 x 5 mm

- acrylic glass
- with solid post
- nonskid

Scope of delivery:

- Patch cable RJ45, 5 meters long
- RJ45 in-wall flush box and surface mounting box, white
- Stainless steel angle bracket with RJ45 connector
- 60 mm connection cable



300099

Table installation kit audio
for the audio series il vetro,
DS2010, HT4600 and BS2012

Post: 140 x 100 x 10 mm
Mounting plate: 248 x 80 x 5 mm

- acrylic glass
- with solid post
- nonskid

Scope of delivery:

- Patch cable RJ45, 5 meters long
- RJ45 RJ45 in-wall flush box and surface mounting box, white
- Stainless steel angle bracket with RJ45 connector
- 60 mm connection cable



BUS accessories for quick and easy installation

SKS offers the following high quality accessories for a quick and easy installation of new devices as well as updating existing house communication technology.

Installation and Support

The installation of an SKS BUS system is easy and coherent. However, our team is available for any questions regarding installation and starting up the systems.

The SKS support team is happy to assist!

+49 (0)2661/98088-112
support@sks-kinkel.de



Knowledge creates quality

In addition to the technical support, SKS provides training at the company's training center or directly on site. These individual training lessons will be specifically targeted to your needs.

Find information @

sks-kinkel.de/schulungen

300026 (4808)

Control module



Dimensions: 130 x 98 x 21 mm

Up to 48 bell buttons may be connected to the control module. In addition, the control module contains a speaker and a microphone for speech transmission.

The door opener, the electric door lock or similar devices are attached to the terminals T/T (potential free relay contact). DC resistance may not fall below 8 Ω.

- compatible with article 4508
- control module BUS technology up to 48 bell buttons
- including set of screws, grid adapter and adhesive pad
- with integrated echo cancellation to suppress background noise
- range of operating temperature: -10 °C to +65 °C
- IP rating: IP20

300028 (4808-ML)

Control module with external microphone and speaker



Dimensions: 130 x 98 x 21 mm

Up to 48 bell buttons may be connected to the control module. Microphone and speaker are external.

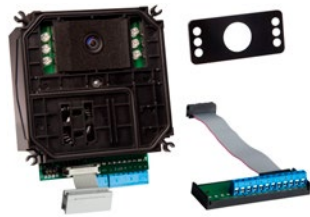
The door opener, the electric door lock or similar devices are attached to the terminals T/T (potential free relay contact). DC resistance may not fall below 8 Ω.

- compatible with article 4508-ML
- microphone and speaker external
- control module BUS technology for up to 48 bell buttons
- including set of screws, grid adapter and adhesive pad
- with integrated echo cancellation to suppress background noise
- operating temperature range: -10 °C to +65 °C
- IP rating: IP20

300060

Combined camera / speech module 2-wire video for custom-made SKS door stations

Dimensions: 102 x 120 x 43 mm



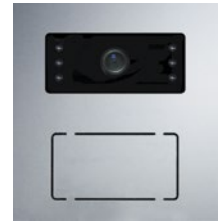
For use with custom-made door stations (except for Basic Line door stations and SKS stainless steel video-set-door stations) up to 32 bell buttons / indoor stations. In addition, the camera / speech module contains the speaker and the microphone for speech transmission.

- with integrated echo cancellation filter
- including mounting accessories and connection adapter
- symmetrical video transmission
- effective illumination at night with 6 infrared LEDs
- recommended installation height: 1.45 m to 1.65 m
- minimum light intensity: 0.2 lux in color
- switches to black and white at night
- resolution: 976 (H) x 582 (V) Pixel, 700 TV lines
- viewing angle: horizontally 125°, vertically 90°, non-swiveling
- range of operating temperature: -10 °C to +50 °C
- humidity: 20 % to 90 % non-condensing
- avoid direct backlighting
- use regular installation cable JY(St)Y in 0.8 mm

300083

Combined camera / speech module 2-wire video technology for SKS set-door stations

Dimensions: 102 x 120 x 43 mm



For use with Basic line door stations and SKS stainless steel video-set-door stations. Up to 32 bell buttons may be connected to the camera / speech module. In addition, the camera / speech module contains the speaker and the microphone for speech transmission.

- with integrated echo cancellation filter
- including mounting accessories and connection adapter
- symmetrical video transmission
- effective illumination at night with 6 infrared LEDs
- recommended installation height: 1.45 m to 1.65 m
- minimum light intensity: 0.2 lux in color
- switches to black and white at night
- resolution: 976 (H) x 582 (V) Pixel, 700 TV lines
- viewing angle: horizontally 125°, vertically 90°, non-swiveling
- range of operating temperature: -10 °C to +50 °C
- humidity: 20 % to 90 % non-condensing
- avoid direct backlighting
- use regular installation cable JY(St)Y in 0.8 mm

300014 (825-C)

Camera kit

Dimensions: 100 x 84 x 42 mm



The camera kit is integrated into front door stations and provides a video image that is displayed at the indoor stations. The integrated heating prevents fogging up of the acrylic glass surface in any weather.

- with integrated video converter 2-wire
- light intensity: 0.5 lux (for color), < 0.05 lux when switched to black and white at night
- effective illumination at night with 6 infrared LEDs
- recommended installation height: 1.45 m to 1.65 m
- resolution: PAL with 753 (H) x 582 (V) Pixel, 560 TV lines
- viewing angle: horizontally 80°, vertically 55°
- camera may be swiveled in housing
- range of operating temperature: -10 °C to +50 °C
- humidity: 20 % to 90 % non-condensing
- avoid direct backlighting
- use regular installation cable JY(St)Y in 0.8 mm

300004 (825-M)

2-wire video converter (to connect external cameras to the 2-wire video BUS system)

Dimensions: 100 x 90 x 27 mm



The 2-wire video converter converts a standard PAL video signal so that it can be displayed in SKS 2-wire video BUS systems on the indoor stations. Consequently it is possible to operate any external video camera that requires 12 volt power supply and is not drawing more than 450 mA in a 2-wire video system. The 2-wire video converter should be mounted as close as possible to the respective camera. A coaxial cable RG59 must be used for the video signal between camera and 2-wire video converter.

- for the connection of PAL video sources
- 12 VDC power supply for external camera
- max. camera power: 450 mA
- placement near camera
- connection cable between camera and 2-wire video converter: RG59
- range of operating temperature: -10 °C to +50 °C
- humidity: 20 % to 90 % non-condensing
- IP rating: IP20

300018 (823-C)

External camera



Dimensions: 59 x 59 x 95 mm

The external camera is designed to be used in 2-wire video BUS systems in connection with a 2-wire video converter 300004 (825-M) or with 6-wire video BUS systems with a symmetric amplifier 300029 (318-V2). With the external camera it is possible to display a video image, that may actually not be from the door station, onto the indoor stations.

- video signal level: 1 V_{ss} at 75 ohm
- light intensity: 0.2 lux (for color), < 0.05 lux when switched to black and white at night
- resolution: PAL with 500 (H) x 582 (V) Pixel, 380 TV lines
- viewing angle: horizontally 72°, vertically 50°
- operating voltage: 12 VDC (+/-10 %)
- current consumption: 350 mA
- range of operating temperature: -10 °C to +50 °C
- avoid direct backlighting
- IP rating: IP54

300013/300072 (824-C)

Dome-camera in white 300013 or in silver 300072



Dimensions: diameter 120 mm, height 80 mm

The dome camera is suitable for 2-wire video BUS systems in connection with a 2-wire video converter 300004 (825-M) or for the 6-wire video BUS system with a symmetric amplifier 300029 (318-V2). With the dome camera it is possible to display a video image, that may actually not be from the door station, onto the indoor stations. Since it is possible to adjust the zoom and focus from the outside directly on the camera, it is possible to position the camera exactly where required.

- video signal level l: 1 V_{ss} at 75 ohm
- light intensity: 0.2 lux (for color), < 0.05 lux when switched to black and white at night
- resolution: PAL with 795 (H) x 596 (V) Pixel, 600 TV lines
- viewing angle: horizontally 25° - 80°, vertically 15° - 65°
- vandalism protection due to sturdy housing
- operating voltage: 12 VDC (+/-10 %)
- current consumption: 450 mA
- range of operating temperature: -10 °C to +50 °C
- avoid direct backlighting
- IP rating: IP66

300086

Status module



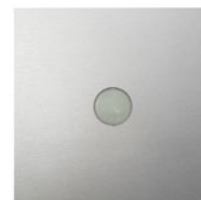
Dimensions: 100 x 64 x 30 mm

The new DIN 18040 "barrier-free construction" requires intercoms and door openers to be equipped with visual signals for the hearing impaired. The SKS status module meets all legal requirements and all BUS units in the SKS portfolio may be upgraded with it. In addition, the status module has a TFT display that is protected by acrylic glass. The status is visually presented with text and symbols.

- notifications for: "call sent", "please speak", "door open" and "call ended"
- meets DIN 18040 „barrier-free construction“
- size of display: 8.9 cm (3.5")
- resolution of display: 320 x 240 Pixel
- brightness of display: 600 cd/m²
- range of operating temperature: -25 °C to +75 °C

300005 (PIR10000)

Motion sensor



Dimensions: 33 x 90 x 30 mm

Motion sensor for installation in door stations and letterbox systems. Power supply for the motion sensor can be accomplished via the name plate illumination. The switching voltage may not exceed 40 V.

- installation in door stations and letterbox systems
- input voltage: 12 – 14 VAC/VDC
- switching current max. 1.25 A at 40 V
- coverage range 45°, 15 m (in front), 6 m (on the sides)
- dimmer: approx. 5 to 1000 lux
- switching time: 4 seconds to approx. 5 minutes
- range of operating temperature: -10 °C to +65 °C
- IP rating: IP42

300094

2-wire video power pack

Dimensions: 105 x 90 x 71 mm
without terminals (6PU)



The 2 wire video power pack is suitable for 2-wire video BUS. Up to 30 indoor stations (without parallel connection) and a maximum of 4 door stations may be connected. In addition, there is the option to supply power for up to 30 name plate illuminations and the door openers. In case of parallel connection (simultaneous ring at several door stations) the maximum number of indoor stations is reduced.

- power supply for up to 30 indoor stations and a maximum of 4 door stations
- power supply for up to 30 name plate illuminations
- power supply for door openers with 12 VAC and 1 ampere max.
- nominal input voltage: 207 - 253 VAC / 50 Hz
- range of operating temperature: -5 °C to +45 °C
- IP rating: IP20

300033 (322)

Transformer

Dimensions: 35 x 95 x 64 mm (2PU)



The transformer provides power for the door opener and/or the illumination of the name plates. Up to 30 illuminated name plates may be supplied power.

Several transformers of the type 300033 (322) are required for larger units. Please note that for this case it may be necessary to allow for several additional wires to ensure power supply of the name plate illumination.

- power supply for up to 30 illuminated name plates
- nominal input voltage: 220 - 240 VAC
- nominal output voltage: 12 VAC
- nominal output current: 1.5 A
- for panel- or surface-mounting
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

300054 (4806-V2)

Switch-mode power supply

Dimensions: 71 x 95 x 68 mm (4PU)



The switch-mode power supply serves to ensure power for the il vetro COMFORT series and as an additional supplier for indoor stations with image storage function. This power supply is also used for a variety of other components.

- nominal input voltage: 220 - 240 VAC
- nominal output voltage: 28 VDC
- nominal output current: 1.7 A
- range of operating temperature: -5 °C to +50 °C
- IP rating: IP20

300025 (4807)

Hub

Dimensions: 70 x 91 x 70 mm (4PU)



The hub distributes the 2-wire video BUS onto 4 risers. Output and input are symmetrical. Each riser, or each outlet, has to be equipped with an impedance converter 300002 (4812). Power supply for the hub is provided by the 2 wire video BUS.

- outlet for up to 4 risers/strands
- required for units with more than 1 riser
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

300044 (4809)

Door station coupler

Dimensions: 70 x 91 x 70 mm (4PU)



The door station coupler offers the possibility to expand a 2-wire video unit to a maximum of 4 door stations. Output and input are symmetrical. The door station coupler may only be used in connection with the hub 300025 (4807). Power supply of the door station coupler is effected via the 2-wire video BUS.

- connection of up to 4 door stations
- hub 300025 (4807) required in addition
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

300022 (4507)

Switch actuator

Dimensions: 70 x 91 x 70 mm (4PU)



The switch actuator carries out several switching functions via two potential-free relay contacts. Switching functions are activated by the indoor station (depending on the model) or the door station. This allows for controlling a variety of functions such as the lights in the hall or a garage door.

- relay activation time between 1 sec. and 11 min., may be set separately
- relay contact: 10 A (250 VAC / 30 VDC)
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

300032 (271-A)

TK adapter

Dimensions: 138 x 90 x 37 mm (8PU)



The TK adapter establishes a connection between the SKS BUS and a telephone system. All phones that have to communicate with the TK adapter have to be DTMF compatible. The TK adapter requires an analog connection port at the TK unit. Using the TK adapter it is possible to connect up to 9 bell buttons with the telephone device. This means that, depending on the bell which is rung, the TK adapter may select up to 9 numbers.

- forwarding after some time (string of calls), time may be set
- 2 call numbers may be configured for each party: 1. number only internally (4 digits max.) 2. number internally or externally (22 digits max.)
- may be configured via the phone or PC
- one per telephone unit required
- RS232 to USB adapter cable included
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

300096

**Floor distribution
(flush-mounted)**

Dimensions: 52 x 42 x 12 mm (3PU)

This component distributes the 2-wire video BUS on up to 4 stub lines. Each outgoing stub has to have an impedance converter 300002 (4812). Power supply for the floor distribution is provided by the 2-wire video BUS. A maximum of 2 indoor stations may be connected in parallel per floor distribution, i.e. only two door stations may ring at the same time. Please note that not more than 8 floor distributions may be connected to one unit.

- compatible with article 300017 (4832)
- outlet for up to 4 stubs
- up to 8 floor distributions per unit
- suitable for flush-mounting in switch box
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

300002 (4812)

2-wire-impedance converter

The impedance converter is connected to the end of the riser. This may be at an indoor station or at a floor distribution. The impedance converter is connected to the a/b-BUS. Polarity is not relevant.

- to complete risers and stub lines
- range of operating temperature: -10 °C to +55 °C

300003 (4811)

Series impedance

The series impedance is required for combined operations with audio and video door stations in 2-wire video BUS systems. The series impedance is built in a row to the a-wire that leads to the unit.

- required for HT4500, HT4600, BUS bells 514 and TK adapter
- one per door station/TK adapter required
- range of operating temperature: -10 °C to +55 °C

300095

**BUS actuator module
(flush-mounted)**

Dimensions: 52 x 42 x 12 mm (3PU)

The BUS actuator module (flush-mounted) carries out various switch functions via a potential free relay contact. The indoor station (depending on the model) or the door station activates the switch functions. It is therefore, for example, possible to activate an optional door chime when the door bell is rung. In door stations with parallel connection of indoor stations (simultaneous ringing) the BUS actuator module (flush-mounted) may be used to have the floor button call all indoor stations with parallel connection.

- potential-free relay contact for switch functions
- relay contact: 1 A (30 VAC / 30 VDC)
- potential-free input for floor push button
- to distinguish between door call and floor call
- suitable for flush-mounting in switch box
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

SKS IP Gateway II



The IP gateway converts the SKS 2-wire and 6-wire BUS to the network protocol level and thus enables the integration of multimedia-capable end devices like computers, video iPhone, smartphones and tablets.

300056

IP Gateway II Basis

Dimensions: 105 x 90 x 71 mm (6PU)

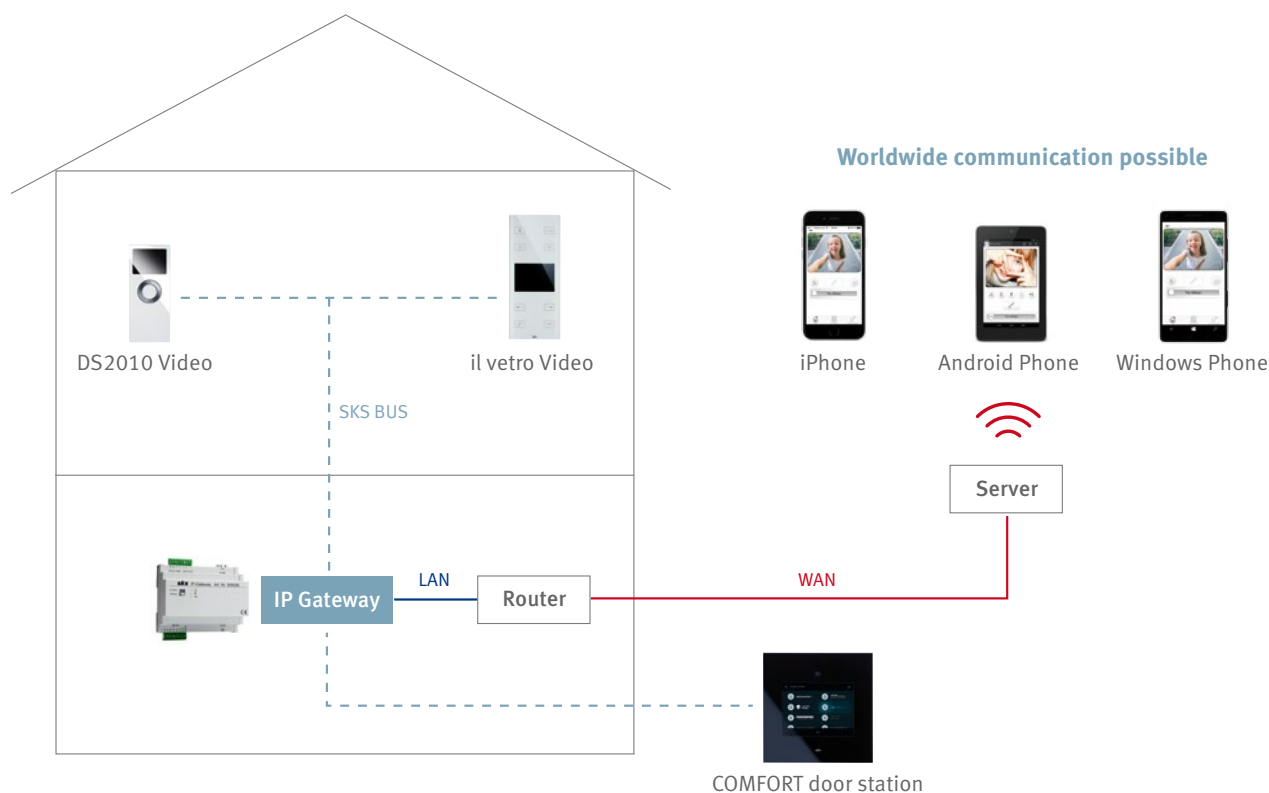


Free Apps

For the use of the IP Gateways SKS provides various software solutions for computers and smartphones (iOS, Android and Windows Phone) free of charge.



- for all SKS BUS units
- interface between SKS BUS and IP network
- transmission of call, audio, video and control signals of the door stations to local IP users or via the internet to mobile end devices
- up to 10 end devices can log on to the IP gateway
- simultaneous call to up to 10 end devices from one house call
- use of IP devices (smartphone, tablet, Windows PC) as indoor stations for door communication
- apps for Android, iOS und Windows are supported
- video mailbox function
- direct camera picture retrieval function
- ringtones for Apps freely selectable (MP3)
- simultaneous call from SKS BUS indoor stations and end devices of the IP gateway possible
- control functions (e.g., for door opening and light switch)
- nominal input voltage: 24 VDC
- nominal input current: 300 mA max.
- range of operating temperature: 0 °C to +45 °C
- IP rating: IP20



300026 (4808)**Control module**

Dimensions: 130 x 98 x 21 mm

Up to 48 bell buttons may be connected to the control module. In addition the control module contains a speaker and a microphone for speech transmission.

The extension module 300015 (4808-E) is required for door stations with more than 48 bell buttons. The door opener, the electrical door lock or similar components are connected to the terminals T/T (potential-free relay contact). Direct current resistance may not drop below 8 Ω.

- compatible with article 4508
- control module BUS technology for up to 48 bell buttons
- including set of screws, grid adapter and adhesive pad
- with integrated echo cancellation to suppress background noise
- range of operating temperature: -10 °C to +65 °C
- IP rating: IP20

300028 (4808-ML)**Control module with external microphone and speaker**

Dimensions: 130 x 98 x 21 mm

Up to 48 bell buttons may be connected to this control module. Microphone and speaker are external.

Door stations with more than 48 bell buttons additionally require the extension module 300015 (4808-E). The door opener, the electrical door lock or similar components are connected to the terminals T/T (potential-free relay contact). Direct current resistance may not drop below 8 Ω.

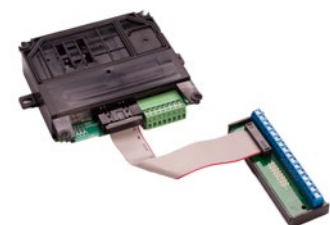
- compatible with article 4508-ML
- microphone and speakers are external
- control module BUS technology for up to 48 bell buttons
- including set of screws, grid adapter and adhesive pad
- with integrated echo cancellation to suppress background noise
- range of operating temperature: -10 °C to +65 °C
- IP rating: IP20

300015 (4808-E)**Extension module**

Dimensions: 130 x 98 x 21 mm

Additional 48 bell buttons may be connected to this extension module. An extension model always needs to be used in combination with a control module. The door opener, the electrical door lock or similar components are connected to the terminals T/T (potential-free relay contact). Direct current resistance may not drop below 8 Ω.

- For extended address range with more than 49 bell buttons in connection with control module 300026 (4808) or 300028 (4808-ML)
- including set of screws, grid adapter and adhesive pad
- range of operating temperature: -10 °C to +65 °C
- IP rating: IP20

300081 (4808-S)**BUS door speaker**

Dimensions: 121 x 99 x 21 mm

The BUS door speaker is to be integrated into the door station. Up to 48 bell buttons may be connected to the BUS door speaker. In addition, the BUS door speaker contains the speaker and microphone for speech transmission.

For intercoms with more than 48 bell buttons a second BUS door speaker is required. It is operated in the “extension module” mode. Further 48 bell buttons may then be connected to this extension module. Consequently up to 96 bell buttons per door station are possible. The door opener, the electrical door lock or similar components are connected to the terminals T/T (potential-free relay contact). Direct current resistance may not drop below 8 Ω.

- door speaker for up to 48 bell buttons
- with integrated digital echo cancellation to suppress background noise
- range of operating temperature: -10 °C to +65 °C
- IP rating: IP20

300074

Combined camera / speech module 6-wire video technology for custom-made SKS door stations

Dimensions: 102 x 120 x 43 mm



For installation in custom-made door stations (except for Basic Line door stations and SKS stainless steel video set door stations) with up to 32 bell buttons / indoor stations. In addition, the camera / speech module contains the speaker and the microphone for speech transmission.

- with integrated echo cancellation filter
- including mounting accessories and connection adapter
- symmetrical video transmission
- effective illumination at night with 6 infrared LEDs
- recommended installation height: 1.45 m to 1.65 m
- minimum light intensity: 0.2 lux in color
- switches to black and white at night
- resolution: 976 (H) x 582 (V) Pixel, 700 TV lines
- viewing angle: horizontally 125°, vertically 90°, non-swiveling
- range of operating temperature: -10 °C to +50 °C
- humidity: 20 % to 90 % non-condensing
- avoid direct backlighting
- use regular installation cable JY(St)Y in 0.8 mm

300084

Combined camera / speech module 6-wire video technology for SKS set door stations

Dimensions: 102 x 120 x 43 mm



For installation in Basic Line door stations and SKS stainless steel video set door stations. Up to 32 bell buttons may be connected to the camera / speech module. In addition, the camera / speech module contains the speaker and the microphone for speech transmission.

- with integrated echo cancellation filter
- including mounting accessories and connection adapter
- symmetrical video transmission
- effective illumination at night with 6 infrared LEDs
- recommended installation height: 1.45 m to 1.65 m
- minimum light intensity: 0.2 lux in color
- switches to black and white at night
- resolution: 976 (H) x 582 (V) Pixel, 700 TV lines
- viewing angle: horizontally 125°, vertically 90°, non-swiveling
- range of operating temperature: -10 °C to +50 °C
- humidity: 20 % to 90 % non-condensing
- avoid direct backlighting
- use regular installation cable JY(St)Y in 0.8 mm

300021 (820-C-Pinhole)

Camera kit

Dimensions: 78 x 62 x 28 mm



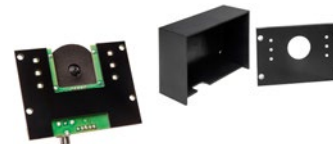
The camera kit is integrated into front door stations and provides a video image that is displayed at the indoor stations. The integrated heating prevents fogging up of the acrylic glass surface in any weather.

- designed for regular installation cable JY(St)Y
- light intensity: 0.5 lux (for color), < 0.05 lux when switched to black and white at night
- effective illumination at night with 6 infrared LEDs
- recommended installation height: 1.45 m to 1.65 m
- resolution: PAL with 753 (H) x 582 (V) Pixel, 560 TV lines
- viewing angle: horizontally 80°, vertically 55°
- camera may be swiveled in housing
- range of operating temperature: -10 °C to +50 °C
- humidity: 20 % to 90 % non-condensing
- avoid direct backlighting
- use regular installation cable JY(St)Y in 0.8 mm

800324 (820-C)

Camera kit

Dimensions: 110 x 90 x 44 mm



The camera kit is integrated into front door stations and provides a video image that is displayed at the indoor stations. The integrated heating prevents fogging up of the acrylic glass surface in any weather.

- designed for regular installation cable JY(St)Y
- light intensity: 0.5 lux (for color), < 0.05 lux when switched to black and white at night
- effective illumination at night with 6 infrared LEDs
- recommended installation height: 1.45 m to 1.65 m
- resolution: PAL with 753 (H) x 582 (V) Pixel, 560 TV lines
- viewing angle: horizontally 80°, vertically 55°
- camera may be swiveled in housing
- range of operating temperature: -10 °C to +50 °C
- humidity: 20 % to 90 % non-condensing
- avoid direct backlighting
- use regular installation cable JY(St)Y in 0.8 mm

300018 (823-C)**External camera**

Dimensions: 59 x 59 x 95 mm

The external camera is designed to be used in 2-wire video BUS systems in connection with a 2-wire video converter 300004 (825-M) or with 6-wire video BUS systems with a symmetric amplifier 300029 (318-V2). With the external camera it is possible to display a video image, that may actually not be from the door station, onto the indoor stations.

- Video signal level: 1 V_{ss} at 75 ohm
- light intensity: 0.2 lux (for color), < 0.05 lux when switched to black and white at night
- resolution: PAL with 500 (H) x 582 (V) Pixel, 380 TV lines
- viewing angle: horizontally 72°, vertically 50°
- operating voltage: 12 VDC (+/-10 %)
- current consumption: 350 mA
- range of operating temperature: -10 °C to +50 °C
- avoid direct backlighting
- IP rating: IP54

300013/300072 (824-C)**Dome camera in white 300013 or in silver 300072**

Dimensions: diameter 120 mm, height 80 mm

The dome camera is suitable for 2-wire video BUS systems in connection with a 2-wire video converter 300004 (825-M) or for the 6-wire video BUS system with a symmetric amplifier 300029 (318-V2). With the dome camera it is possible to display a video image, that may actually not be from the door station, onto the indoor stations. Since it is possible to adjust the zoom and focus from the outside directly on the camera, it is possible to position the camera exactly where required.

- video signal level I: 1 V_{ss} at 75 ohm
- light intensity: 0.2 lux (for color), < 0.05 lux when switched to black and white at night
- resolution: PAL with 795 (H) x 596 (V) Pixel, 600 TV lines
- viewing angle: horizontally 25° - 80°, vertically 15° - 65°
- vandalism protection due to sturdy housing
- operating voltage: 12 VDC (+/-10 %)
- current consumption: 450 mA
- range of operating temperature: -10 °C to +50 °C
- avoid direct backlighting
- IP rating: IP66

300029 (318-V2)**Symmetry amplifier**

Dimensions: 49 x 46 x 15 mm (3PU)

The symmetry amplifier converts a standard PAL video signal so that it can be displayed in SKS 6-wire video BUS systems on the indoor stations. Consequently it is possible to operate any external video camera that requires 12 volt power supply and is not drawing more than 450 mA in an SKS 6-wire video BUS system. The symmetry amplifier should be mounted as close as possible to the respective camera. A coaxial cable RG59 must be used for the video signal between camera and symmetry amplifier.

- for the connection of PAL video sources
- 12 VDC power supply for external camera
- max. camera power: 450 mA
- placement near camera
- connection cable between camera and symmetry amplifier: RG59
- range of operating temperature: -10 °C to +50 °C
- humidity: 20 % to 90 % non-condensing
- IP rating: IP20

300005 (PIR10000)

Motion sensor

Dimensions: 33 x 90 x 30 mm



Motion sensor for installation in door stations and letterbox systems. Power supply for the motion sensor can be accomplished via the name plate illumination. The switching voltage may not exceed 40 V.

- installation in door stations and letterbox systems
- input voltage: 12 – 14 VAC/VDC
- switching current max. 1.25 A at 40 V
- coverage range 45°, 15 m (in front), 6 m (on the sides)
- dimmer: approx. 5 to 1000 lux
- switching time: 4 seconds to approx. 5 minutes
- range of operating temperature: -10 °C to +65 °C
- IP rating: IP42

300086

Status module

Dimensions: 100 x 64 x 30 mm



The new DIN 18040 "barrier-free construction" requires intercoms and door openers to be equipped with visual signals for the hearing impaired. The SKS status module meets all legal requirements and all BUS units in the SKS portfolio may be upgraded with it. In addition, the status module has a TFT display that is protected by acrylic glass. The status is visually presented with text and symbols.

- Notification for: "call sent", "please speak", "door open" and "call ended"
- meets DIN 18040 „barrier-free construction“
- size of display: 8.9 cm (3.5")
- resolution of display: 320 x 240 Pixel
- brightness of display: 600 cd/m²
- range of operating temperature: -25 °C to +75 °C

300033 (322)

Transformer

Dimensions: 35 x 95 x 64 mm (2PU)



The transformer provides power for the door opener and/or the illumination of the name plates. Up to 30 illuminated name plates may be supplied.

Several transformers of the type 300033 (322) are required for larger units. Please note that for this case it may be necessary to allow for several additional wires to ensure power supply of the name plate illumination.

- power supply for up to 30 illuminated name plates
- nominal input voltage: 220 - 240 VAC
- nominal output voltage: 12 VAC
- nominal output current: 1.5 A
- for panel- or surface-mounting
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

300054 (4806-V2)

Switch-mode power supply

Dimensions: 71 x 95 x 68 mm (4PU)



The switch-mode power supply serves to ensure power for the il vetro COMFORT door station, the il vetro COMFORT series, and as additional supplier for indoor stations with image storage function. This power supply is also used for a variety of other components.

- nominal input voltage: 220 - 240 VAC
- nominal output voltage: 28 VDC
- nominal output current: 1.7 A
- range of operating temperature: -5 °C to +50 °C
- IP rating: IP20

300071 (521)

Switch-mode power supply

Dimensions: 18 x 97 x 68 mm (1PU)



The switch-mode power supply serves to ensure power for the active distributor 300040 (3162-V2) whenever more than 2 are connected in a BUS line. This power supply is also used as a supplemental power supply for a variety of other components.

- power supply for active distributor
- alternative for switch-mode power supply 800422
- nominal input voltage: 100 - 240 VAC
- nominal output voltage: 12 VDC
- nominal output current: 1 A
- range of operating temperature: -5 °C to +50 °C
- IP rating: IP20

300085

Switch-mode power supply

Dimensions: 18 x 97 x 68 mm (1PU)



The switch-mode power supply serves to ensure power for the IP gateway 300056. This power supply is also used as a supplemental power supply for a variety of other components.

- power supply for IP gateway
- nominal input voltage: 100 - 240 VAC
- nominal output voltage: 24 VDC
- nominal output current: 0.5 A
- range of operating temperature: -5 °C to +50 °C
- IP rating: IP20

300089

**Basic-power pack supply
(only in combination with
article 300090)**Dimensions: 105 x 90 x 71 mm
without terminals (6PU)

The basic power pack is suitable for the SKS audio and 6-wire video BUS. Up to 96 indoor stations (without parallel connection) and a maximum of 8 door stations may be connected. In addition it provides the option of supplying power for up to 30 illuminated name plates and the door opener. In case of parallel connection (simultaneous ring at several door stations) the maximum number of indoor stations is reduced.

- power supply for up to 96 indoor stations and a maximum of 8 door stations
- power supply for up to 30 illuminated name plates
- power supply for door openers with 12 VAC and 1 ampere max.
- nominal input voltage: 207 - 253 VAC / 50 Hz
- range of operating temperature: -5 °C to +45 °C
- IP rating: IP20

300090

**6-wire video power pack (only
in combination with article
300089)**Dimensions: 105 x 90 x 71 mm
without terminals (6PU)

The 6-wire video power pack is suitable to provide power for up to 96 video indoor stations (without parallel connection) and for up to 4 camera modules. In case of parallel connection (simultaneous ring at several door stations) the maximum number of indoor stations is reduced.

The integrated active distributor distributes the video signal to a maximum of 4 risers. If there are more than 4 risers, external active distributors may be connected and powered via the video power pack.

- power supply for up to 96 video indoor stations and up to 4 cameras
- without additional components suitable for up to 4 risers
- suitable for connection to line extension
- nominal input voltage: 207 - 253 VAC / 50 Hz
- range of operating temperature: -5 °C to +45 °C
- IP rating: IP20

300091

Floor power pack

Dimensions: 105 x 90 x 71 mm
without terminals (6PU)



The floor power pack offers the possibility to install floor lines. These lines consist of a minimum of one door station on a floor and its respective indoor stations. The floor power pack allows you to bring one call from the floor door into the floor line. At the same time it is possible to bring a call that is in the main line to an indoor station that is not in the floor line (several speech paths).

- power supply for up to 96 indoor stations and a maximum of 8 door stations
- power supply for up to 30 illuminated name plates
- power supply for door openers with 12 VAC and 1 ampere max.
- nominal input voltage: 207 - 253 VAC / 50 Hz
- range of operating temperature: -5 °C to +45 °C
- IP rating: IP20

300092

Extended video power pack

Dimensions: 105 x 90 x 71 mm
without terminals (6PU)



The extended video power pack serves as the power supply for up to 96 video indoor stations (without parallel connection) and up to 8 camera modules. In case of parallel connection (simultaneous ring at several door stations) the maximum number of indoor stations is reduced. It is possible to connect up to 2 external active distributors and the power supply for them is via the extended video power pack. The extended video power pack and the floor power pack are used together whenever several floor door stations with video communication to the main door stations are being used. May only be used with the basic power pack 300089 or the floor power pack 300091.

- power supply for up to 96 video indoor stations and up to 8 cameras
- suitable for setting up floor lines
- suitable for connection to line extension
- nominal input voltage: 207 - 253 VAC / 50 Hz
- range of operating temperature: -5 °C to +45 °C
- IP rating: IP20

300040 (3162-V2)

Video active distributor

Dimensions: 105 x 91 x 70 mm (6PU)



The video active distributor distributes the video signal to individual risers. Input and output are symmetrical. Each riser, i.e. each outlet has to be equipped with a 75 ohm terminating resistor. Several video active distributors may be used in one system (e.g., for 8 risers). Power supply for the active distributors has to be accomplished via the switch-mode power supply 300071 (521) if there are more than 2 video active distributors per BUS line.

- symmetrical video transmission
- to distribute the video signals to up to 4 risers
- use of several active distributors possible
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

300022 (4507)

Switch actuator

Dimensions: 70 x 91 x 70 mm (4PU)



The switch actuator carries out several switching functions via two potential-free relay contacts. Switching functions are activated by the indoor station (depending on the model) or the door station. This allows for controlling a variety of functions such as the lights in the hall or a garage door.

- relay activation time between 1 sec. and 11 min., may be set separately
- relay contact: 10 A (250 VAC / 30 VDC)
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

SKS IP Gateway II



The IP gateway converts the SKS 2-wire and 6-wire BUS to the network protocol level and thus enables the integration of multimedia-capable end devices like computers, video iPhone, smartphones and tablets.

300056

IP Gateway II Basis

Dimensions: 105 x 90 x 71 mm (6PU)

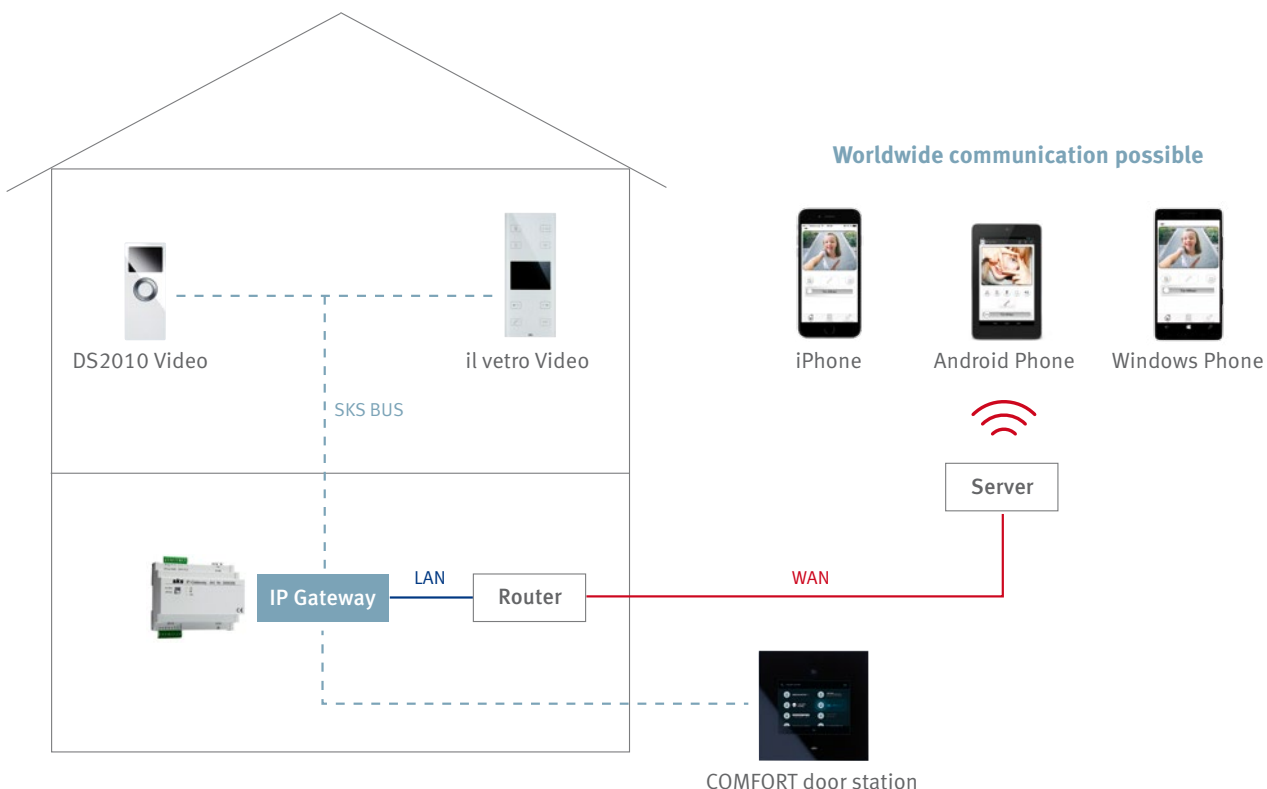


Free Apps

For the use of the IP Gateways SKS provides various software solutions for computers and smartphones (iOS, Android and Windows Phone) free of charge.



- for all SKS BUS units
- interface between SKS BUS and IP networks
- transmission of call, video, and control signals of the door station to local IP users or via the internet to mobile end devices
- up to 10 end devices may be logged on to the IP gateway
- simultaneous call to up to 10 end devices from one house call
- use of IP devices (smartphone, tablet, Windows PC) as indoor stations for door communication
- apps for Android, iOS und Windows are supported
- Video mailbox function
- direct camera picture retrieval function
- ringtones for Apps freely selectable (MP3)
- simultaneous call from SKS BUS indoor stations and end devices of the IP gateway possible
- control functions (e.g., for door opening and light switch)
- nominal input voltage: 24 VDC
- nominal input current: 300 mA max.
- range of operating temperature: 0 °C to +45 °C
- IP rating: IP20



300032 (271-A)

TK adapter

Dimensions: 138 x 90 x 37 mm (8PU)

The TK adapter establishes a connection between the SKS BUS and a telephone system. All phones that have to communicate with the TK adapter have to be DTMF compatible. The TK adapter requires an analogue connection port at the TK unit. Using the TK adapter it is possible to connect up to 9 bell buttons with the telephone device. This means that, depending on the bell which is rung, the TK adapter may select up to 9 numbers.

- forwarding after some time (string of calls), time may be set
- 2 call numbers may be configured for each party: 1. number only internally (4 digits max.) 2. number internally or externally (22 digits max.)
- may be configured via the phone or PC
- one per telephone unit required
- RS232 to USB adapter cable is included in the scope of delivery
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

300020 (4814)

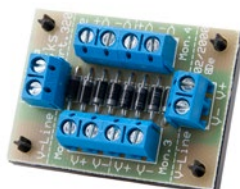
Line extension

Dimensions: 138 x 90 x 37 mm (8PU)

The line extension in combination with the COMFORT door station allows for construction of up to 8 main lines. Every main line can have one call. Consequently the line extension not only enables you to implement large units but also allows for 8 door stations with up to 8 calls at the same time. The line extension is required for units with more than 48 indoor stations or if several calls are to take place at the same time.

- extension for up to 8 BUS lines in combination with COMFORT door station
- for 6-wire video: 8 BUS lines with 48 indoor stations each
- for 2-wire audio: 8 BUS lines with 96 indoor stations each
- when several BUS lines and several COMFORT door stations are used, it is possible to have simultaneous speech paths
- power supply with the switch-mode power supply 300054 (4806-V2)
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

300042 (320)

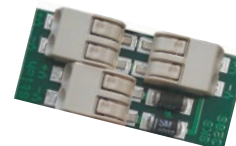
Video passive distributor

Dimensions: 36 x 48 x 17 mm

The passive distributor is used for star wiring. It distributes the video signal to up to 4 risers. Output and input are symmetrical. The maximum length of the cable from the door station to the indoor station that is furthest away may not exceed 75 m. Several passive distributors may be used in one system (e.g. for 8 risers in a star). A parallel connection ((simultaneous ring at several video indoor stations) is not possible with the video passive distributor.

- flush-mounted in switch box
- 4 outlets for risers
- several video passive distributors may be used
- symmetrical video transmission
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

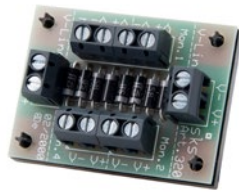
300049 (320-s)

Video passive distributor

Dimensions: 16 x 35 x 7 mm

The passive distributor 320-s allows for a stub at a riser without affecting the video signal in the unit negatively. Output and input are symmetrical. At any outlet of the passive distributor it is possible to connect several video indoor stations if the length of the cable between the first and the last door station does not exceed 10 m. Due to the small size it may be installed in a flush box behind the floor push button. Several passive distributors may be used in one system.

- is required for stubs, at the riser
- mounted in switch flush boxed, e.g. behind the floor push button
- 1 outlet for one stub/door station
- several video passive distributors may be used
- symmetrical video transmission
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

300043 (320-i)**Video passive distributor**

Dimensions: 36 x 48 x 17 mm

The passive distributor combines the video signals of up to 4 cameras (PAL video sources). With this device it is therefore possible to set up intercoms with several video door stations. Output and input are symmetrical. Several passive distributors may be used in one SKS BUS system (e.g. for 8 cameras).

- to combine up to 4 camera signals
- 4 inlets, 1 outlet
- several video passive distributors may be used
- symmetrical video transmission
- range of operating temperature: -10 °C to + 55 °C
- IP rating: IP20

300095**BUS actuator module (flush-mounted)**

Dimensions: 52 x 42 x 12 mm

The BUS actuator module (flush-mounted) carries out a variety of switch functions via a potential-free relay contact. The indoor station (depending on the model) or the door station activates the switch functions. It is therefore, for example, possible to activate an optional door chime when the door bell is rung. In door stations with parallel connection of indoor stations (simultaneous ringing) the BUS actuator module (flush-mounted) may be used to have the floor button call all indoor stations with parallel connection.

- potential-free relay contact for switch functions
- relay contact: 1 A (30 VAC / 30 VDC)
- potential-free input for floor push button
- to distinguish between door call and floor call
- suitable for flush-mounting in switch box
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

300039 (4817)**Video receiver**

Dimensions: 122 x 150 x 55 mm

It is possible to extend the line path between a door station and the distribution with one wire pair if the video sender 300000 (4815) and the video receiver are being used. If they are implemented and under optimal conditions, it is possible to extend the line path between door station and distribution to a maximum of 500 m with a twisted wire pair, JY(St)Y 0.8 mm. The line path between distribution and last indoor station may then amount to 150 m. A symmetry amplifier 300029 (318-V2) is required for each video receiver to adapt the signals.

- range of up to 500 m with 0.8 mm
- 1x video output
- 1x two-wire input
- one symmetry amplifier 300029 (318-V2) required for each video receiver
- galvanic isolation of signals
- bandwidth: 15 Hz to 8 MHz at +/- 3 dB
- signal to noise ratio: > 60 dB
- voltage supply: 207 – 253 VAC / 45 – 60 Hz
- range of operating temperature: -20 °C to + 55 °C
- IP rating: IP65

300000 (4815)**Video transmitter**

Dimensions: 56 x 29 x 67 mm
(mit BNC Stecker)

The video transmitter and the video receiver 300039 (4817) make it possible to extend the line path between a door station and the distribution via wire pair. If they are implemented and under optimal conditions, it is possible to extend the line path between door station and distribution to a maximum of 500 m with a twisted wire pair, JY(St)Y 0.8 mm. The line path between distribution and last indoor station may then amount to 150 m.

- range of up to 500 m with 0.8 mm
- 1x BNC video input
- 1x two-wire output
- bandwidth: 20 MHz at -0,3 dB; 50 MHz at -2 dB; 60 MHz at -3 dB
- output level: max. 2 V_{SS}
- frequency amplification: 5 MHz at 0 dB +/- 0,2 dB
- voltage supply: 10 – 30 VDC
- range of operating temperature: -20 °C to + 55 °C
- IP rating: IP20

300026 (4808)**Control module**

Dimensions: 130 x 98 x 21 mm

Up to 48 bell buttons may be connected to the control module. In addition, the control module contains a speaker and a microphone for speech transmission.

An additional extension module 300015 (4808-E) is required for door stations with more than 48 bell buttons. The door opener, the electrical door lock or similar things are connected to the terminals T/T (potential-free relay contact). Direct current resistance may not drop below 8 Ω.

- compatible with article 4508
- control module BUS technology up to 48 bell buttons
- including set of screws, grid adapter and adhesive pad
- with integrated echo cancellation to suppress background noise
- range of operating temperature: -10 °C to +65 °C
- IP rating: IP20

300028 (4808-ML)**Control module with external microphone and loud speaker**

Dimensions: 130 x 98 x 21 mm

Up to 48 bell buttons may be connected to this control module. Microphone and speakers are external.

Door stations with more than 48 bell buttons additionally require the extension module 300015 (4808-E). The door opener, the electrical door lock or similar things are connected to the terminals T/T (potential-free relay contact). Direct current resistance may not drop below 8 Ω.

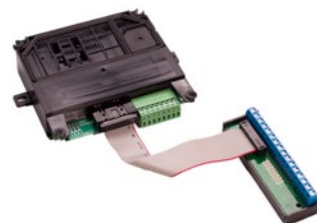
- compatible with article 4508-ML
- microphone and speakers are external
- control module BUS technology for up to 48 bell buttons
- including set of screws, grid adapter and adhesive pad
- with integrated echo cancellation to suppress background noise
- range of operating temperature: -10 °C to +65 °C
- IP rating: IP20

300015 (4808-E)**Extension module**

Dimensions: 130 x 98 x 21 mm

Additional 48 bell buttons may be connected to this extension module. An extension model always needs to be used in combination with a control module. The door opener, the electrical door lock or similar things are connected to the terminals T/T (potential-free relay contact). Direct current resistance may not drop below 8 Ω.

- For extended address range with more than 49 bell buttons in connection with control module 300026 (4808) or 300028 (4808-ML)
- including set of screws, grid adapter and adhesive pad
- range of operating temperature: -10 °C to +65 °C
- IP rating: IP20

300081 (4808-S)**BUS door speaker**

Dimensions: 121 x 99 x 21 mm

The BUS door speaker is to be integrated into the door station. Up to 48 bell buttons may be connected to the BUS door speaker. In addition, the BUS door speaker contains the speaker and microphone for speech transmission.

For intercoms with more than 48 bell buttons a second BUS door speaker is required. It is operated in the “extension module” mode. Further 48 bell buttons may then be connected to this extension module. Consequently up to 96 bell buttons per door station are possible. The door opener, the electrical door lock or similar components are connected to the terminals T/T (potential-free relay contact). Direct current resistance may not drop below 8 Ω.

- door speaker for up to 48 bell buttons
- with integrated digital echo cancellation to suppress background noise
- range of operating temperature: -10 °C to +65 °C
- IP rating: IP20

300086

Status module

Dimensions: 100 x 64 x 30 mm

The new DIN 18040 „barrier-free construction“ requires intercoms and door openers to be equipped with visual signals for the hearing impaired. The SKS status module meets all legal requirements and all BUS units in the SKS portfolio may be upgraded with it. In addition, the status module has a TFT display that is protected by acrylic glass. The status is visually presented with text and symbols.

- Notification for: "call sent", "please speak", "door open" and "call ended"
- meets DIN 18040 „barrier-free construction“
- size of display: 8.9 cm (3.5")
- resolution of display: 320 x 240 Pixel
- brightness of display: 600 cd/m²
- range of operating temperature: -25 °C to +75 °C

300005 (PIR10000)

Motion sensor

Dimensions: 33 x 90 x 30 mm

Motion sensor for installation in door stations and letterbox systems. Power supply for the motion sensor can be accomplished via the name plate illumination. The switching voltage may not exceed 40 V.

- installation in door stations and letterbox systems
- input voltage: 12 – 14 VAC/VDC
- switching current max. 1.25 A at 40 V
- coverage range 45°, 15 m (in front), 6 m (on the sides)
- dimmer: approx. 5 to 1000 lux
- switching time: 4 seconds to approx. 5 minutes
- range of operating temperature: -10 °C to +65 °C
- IP rating: IP42

300033 (322)

Transformer

Dimensions: 35 x 95 x 64 mm (2PU)

The transformer provides power for the door opener and/or the illumination of the name plates. Up to 30 illuminated name plates may be supplied.

Several transformers of the type 300033 (322) are required for larger units. Please note that for this case it may be necessary to allow for several additional wires to ensure power supply of the name plate illumination.

- power supply for up to 30 illuminated name plates
- nominal input voltage: 220 - 240 VAC
- nominal output voltage: 12 VAC
- nominal output current: 1.5 A
- for panel- or surface-mounting
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

300035 (4502-A)

Transformer

Dimensions: 90 x 90 x 65 mm (5PU)

The transformer is designed for audio devices. The 25 VAC winding powers the BUS driver. The 13 VAC winding powers the door opener and the name plate illumination. Up to 12 illuminated name plates may be supplied with it. A transformer 300033 (322) is required for more than 12 illuminated name plates.

- nominal input voltage: 230 VAC
- nominal output voltage: 1/2: 13 VAC
- nominal output current: 1/2: 1.5 A
- nominal output voltage 3/4: 25 VAC
- nominal output current 3/4: 0.8 A
- range of operating temperature: -5 °C to + 45 °C
- IP rating: IP20

300054 (4806-V2)**Switch-mode power supply**

Dimensions: 71 x 95 x 68 mm (4PU)



The switch-mode power supply serves to ensure power for the il vetro COMFORT series and as a supplemental power supply for indoor stations with image storage function. This power supply is also used for a variety of other components.

- nominal input voltage: 220 - 240 VAC
- nominal output voltage: 28 VDC
- nominal output current: 1.7 A
- range of operating temperature: -5 °C to +50 °C
- IP rating: IP20

300057**BUS driver for up to 30 indoor station (housing units)**

Dimensions: 70 x 91 x 70 mm (4PU)



The BUS driver is the central power supply for the SKS BUS system. Up to 30 indoor stations (without parallel connection) and a maximum of 8 door stations may be connected. It is powered by the transformer 300035 (4502-A). A green LED shows whether BUS voltage is within the allowed range. The entire wiring may not exceed 1.5 km. At a core diameter of 0.8 mm the maximum line length between door station and last indoor station may not exceed 150 m and for a core diameter 0.6 mm the maximum is 75 m.

- BUS voltage: 19 – 23 VDC
- supply via transformer 300035 (4502-A)
- for one BUS line with 30 indoor stations (housing units)
- range of operating temperature: -10 °C to + 55 °C
- IP rating: IP20

300089**Basic-power pack**

Dimensions: 105 x 90 x 71 mm without terminals (6PU)



The basic power pack is suitable for the SKS audio and 6-wire video BUS. Up to 96 indoor stations (without parallel connection) and a maximum of 8 door stations may be connected. In addition it provides the option of supplying power for up to 30 illuminated name plates and the door opener. In case of parallel connection (simultaneous ring at several door stations) the maximum number of indoor stations is reduced.

- power supply for up to 96 indoor stations and a maximum of 8 door stations
- power supply for up to 30 illuminated name plates
- power supply for door openers with 12 VAC and 1 ampere max.
- nominal input voltage: 207 - 253 VAC / 50 Hz
- range of operating temperature: -5 °C to +45 °C
- IP rating: IP20

300091**Floor power pack**

Dimensions: 105 x 90 x 71 mm without terminals (6PU)



The floor power pack offers the possibility to install floor lines. These lines consist of a minimum of one door station on a floor and its respective indoor stations. The floor power pack allows you to bring one call from the floor door into the floor line. At the same time it is possible to bring a call that is in the main line to an indoor station that is not in the floor line (several speech paths).

- power supply for up to 96 indoor stations and a maximum of 8 door stations
- power supply for up to 30 illuminated name plates
- power supply for door openers with 12 VAC and 1 ampere max.
- nominal input voltage: 207 - 253 VAC / 50 Hz
- range of operating temperature: -5 °C to +45 °C
- IP rating: IP20

300022 (4507)**Switch actuator**

Dimensions: 70 x 91 x 70 mm (4PU)



The switch actuator carries out several switching functions via two potential-free relay contacts. Switching functions are activated by the indoor station (depending on the model) or the door station. This allows for controlling a variety of functions such as the lights in the hall or a garage door.

- relay activation time between 1 sec. and 11 min., may be set separately
- relay contact: 10 A (250 VAC / 30 VDC)
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

300032 (271-A)**TK adapter**

Dimensions: 138 x 90 x 37 mm (8PU)



The TK adapter establishes a connection between the SKS BUS and a telephone system. All phones that have to communicate with the TK adapter have to be DTMF compatible. The TK adapter requires an analogue connection port at the TK unit. Using the TK adapter it is possible to connect up to 9 bell buttons with the telephone device. This means that, depending on the bell which is rung, the TK adapter may select up to 9 numbers.

- forwarding after some time (string of calls), time may be set
- 2 call numbers may be configured for each party: 1. number only internally (4 digits max.) 2. number internally or externally (22 digits max.)
- may be configured via the phone or PC
- one per telephone unit required
- RS232 to USB adapter cable is included in the scope of delivery
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

300020 (4814)**Line extension**

Dimensions: 138 x 90 x 37 mm (8PU)



The line extension in combination with the COMFORT door station allows for construction of up to 8 main lines. Every main line can have one call. Consequently the line extension not only enables you to implement large units but also allows for 8 door stations with up to 8 calls at the same time. The line extension is required for units with more than 48 indoor stations or if several calls are to take place at the same time.

- extension for up to 8 BUS lines in combination with COMFORT door station
- for 6-wire video: 8 BUS lines with 48 indoor stations each
- for 2-wire audio: 8 BUS lines with 96 indoor stations each
- when several BUS lines and several COMFORT door stations are used, it is possible to have simultaneous speech paths
 - power supply with the switch-mode power supply 300054 (4806-V2)
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

300095**BUS actuator module (flush-mounted)**

Dimensions: 52 x 42 x 12 mm



The BUS actuator module (flush-mounted) carries out various switch functions via a potential-free relay contact. The indoor station (depending on the model) or the door station activates the switch functions. It is therefore, for example, possible to activate an optional door chime when the door bell is rung. In door stations with parallel connection of indoor stations (simultaneous ringing) the BUS actuator module (flush-mounted) may be used to have the floor button call all indoor stations with parallel connection.

- potential-free relay contact for switch functions
- relay contact: 1 A (30 VAC / 30 VDC)
- potential-free input for floor push button
- to distinguish between door call and floor call
- suitable for flush-mounting in switch box
- range of operating temperature: -10 °C to +55 °C
- IP rating: IP20

Set DS2010 (hands-free) with stainless steel door station

🎵 Polyphonic ringtones

Central element of the DS2010 series is the sophisticated ring used for its operation. This series is marked by a brilliant interaction between long-lasting and emotional design – as defined by Universal Design.

A stainless steel front plate with a galvanized in-wall box (depth: 45mm) has been used on the outside. This vandalism protected door station features LED illumination as well as 10 mm thick name plates, which may be opened from the front using a special tool.

The set consists of:



DS2010 series, white (glossy)
📄 Details see page 10, 11



Door station in elegant design
(brushed stainless steel)

Including the following components:

Article No.	Description	More info
300083	Camera-/speech module	page 23
300094	2-wire video compact power supply	page 25

camera-/speech module is installed in the door station.

Dimensions of stainless steel door station:

Push button	Front plate	In-wall flush box
1	135 x 190 x 2 mm	115 x 170 x 45 mm
2	135 x 215 x 2 mm	115 x 195 x 45 mm
3	135 x 240 x 2 mm	115 x 220 x 45 mm
4	135 x 265 x 2 mm	115 x 245 x 45 mm
5	135 x 290 x 2 mm	115 x 270 x 45 mm
6	135 x 315 x 2 mm	115 x 295 x 45 mm
8	135 x 365 x 2 mm	115 x 345 x 45 mm

Set DS2010 with indoor station in white (for up to 4 flats)

User	Article No.	Description
1	40000910	Set DS2010 hands-free
2	40002910	Set DS2010 hands-free
3	40004210	Set DS2010 hands-free
4	40005610	Set DS2010 Hands-free

Set DS2010 with indoor station in white (starting at 5 flats)

User	Article No.	Description
5	40006610	Set DS2010 hands-free
6	40007210	Set DS2010 hands-free
8	40007810	Set DS2010 hands-free

Set HTV4600 (receiver) with stainless steel door station

The HTV4600 series convinces with a slim design and reduces the control elements to the absolute essential. The user is not bothered with unnecessary functions and consequently may intuitively operate the monitor.

A stainless steel front plate with a galvanized in-wall box (depth: 45mm) has been used on the outside. This vandalism protected door station features LED illumination as well as 10 mm thick name plates, which may be opened from the front using a special tool.

The set consists of:



HTV4600, white (plastic)
 Details see page 12, 13



Door station in elegant design
 (brushed stainless steel)

Including the following components:

Article No.	Description	More info
300083	Camera-/speech module	page 23
300094	2-wire video compact power supply	page 25

camera-/speech module is installed in the door station.

Dimensions of stainless steel door station:

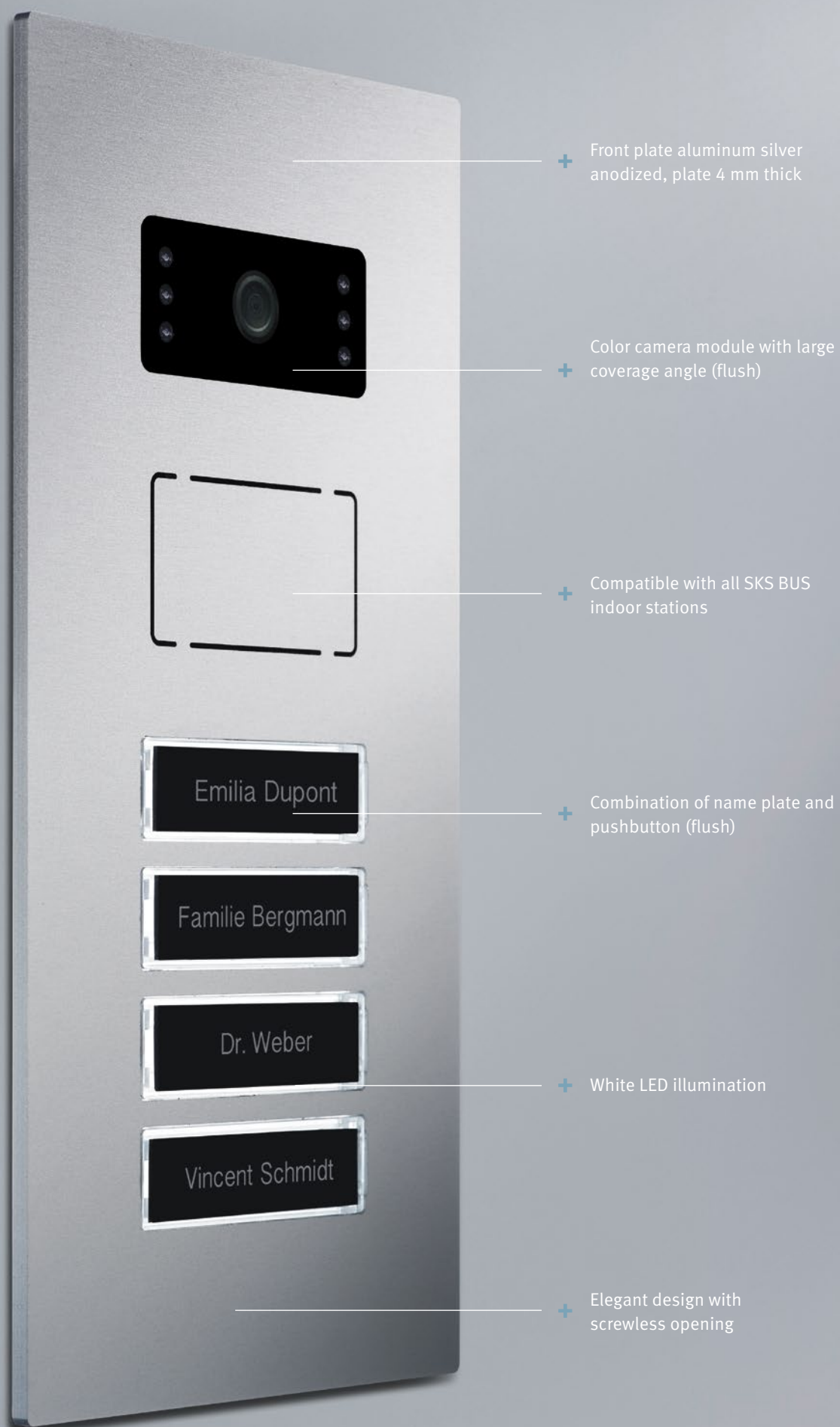
Push button	Front plate	In-wall flush box
1	135 x 190 x 2 mm	115 x 170 x 45 mm
2	135 x 215 x 2 mm	115 x 195 x 45 mm
3	135 x 240 x 2 mm	115 x 220 x 45 mm
4	135 x 265 x 2 mm	115 x 245 x 45 mm
5	135 x 290 x 2 mm	115 x 270 x 45 mm
6	135 x 315 x 2 mm	115 x 295 x 45 mm
8	135 x 365 x 2 mm	115 x 345 x 45 mm

Set HTV4600 with indoor station in white (for up to 4 flats)

User	Article No.	Description
1	40000110	Set HTV4600
2	40002110	Set HTV4600
3	40003410	Set HTV4600
4	40004810	Set HTV4600

Set HTV4600 with indoor station in white (starting at 5 flats)

User	Article No.	Description
5	40006210	Set HTV4600
6	40006810	Set HTV4600
8	40007410	Set HTV4600



+ Front plate aluminum silver anodized, plate 4 mm thick

+ Color camera module with large coverage angle (flush)

+ Compatible with all SKS BUS indoor stations

+ Combination of name plate and pushbutton (flush)

+ White LED illumination

+ Elegant design with screwless opening

SKS Basic Line 2012

The series SKS Basic Line is the basic product in the area of door stations and is characterized by elegant and timeless design. Haptics as well as its user friendliness are features which will convince any target group.



Audio/Video sets
BUS technology

! Name plate inlay is delivered in white.
Black inlays on request.

- Elegant design by screwless mounting
- Easy installation due to prewiring reduces commissioning times
- Protection against vandalism: front and name plates can only be opened using SKS tools
- Name plates can be changed from the front
- Space saving camera/speech module as single unit (Details see page 23, Article 300083)
- Automatic day/night camera switchover
- Camera and nameplates are flush-mounted in the frontplate
- Compatible with all SKS-Bus intercom units
- Flush-mounted, enclosure depth 45 mm

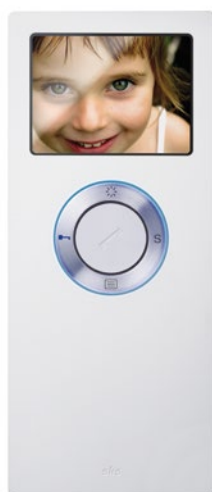
DS2010 (hands-free) and screwless door station BL2012

🎵 Polyphonic ringtones

Central element of the DS2010 series is the sophisticated ring used for its operation. This series is marked by a brilliant interaction between long-lasting and emotional design – as defined by Universal Design.

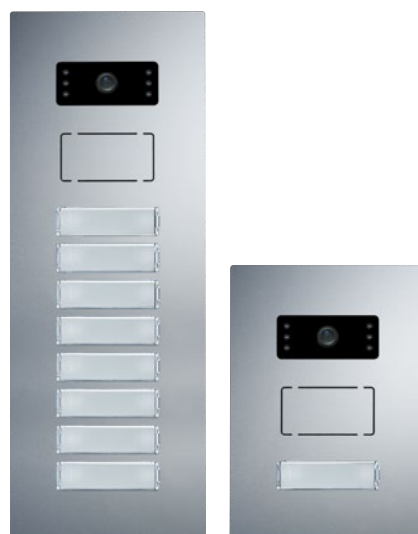
The series SKS BL2012 has been used on the outside. The series features a screwless front plate. Due to its elegant and timeless design it may be perfectly integrated into almost any architecture.

The set consists of:



DS2010 series, white (glossy)

📖 Details see page 10, 11



Door station in elegant design
(aluminium silver anodized)

📖 Details see page 44, 45

Including the following components:

Article No.	Description	More info
300083	Camera-/speech module	page 23
300094	2-wire video compact power supply	page 25

camera-/speech module is installed in the door station.

Dimensions of stainless steel door station:

Push button	Front plate	In-wall flush box
1	135 x 190 x 4 mm	115 x 170 x 45 mm
2	135 x 215 x 4 mm	115 x 195 x 45 mm
3	135 x 240 x 4 mm	115 x 220 x 45 mm
4	135 x 265 x 4 mm	115 x 245 x 45 mm
5	135 x 290 x 4 mm	115 x 270 x 45 mm
6	135 x 315 x 4 mm	115 x 295 x 45 mm
8	135 x 365 x 4 mm	115 x 345 x 45 mm

Set DS2010 with indoor station in white (for up to 4 flats)

User	Article No.	Description
1	400130	Set DS2010 hands-free / BL2012
2	400131	Set DS2010 hands-free / BL2012
3	400132	Set DS2010 hands-free / BL2012
4	400133	Set DS2010 hands-free / BL2012

Set DS2010 with indoor station in white (starting at 5 flats)

User	Article No.	Description
5	400134	Set DS2010 hands-free / BL2012
6	400135	Set DS2010 hands-free / BL2012
8	400137	Set DS2010 hands-free / BL2012

INFORMATION: Star distributors 300025 (4807) are required for units with several risers and floor distributors 300096 are required for stubs on. These components are not included in the set prices.

HTV4600 (receiver) and screwless door station BL2012

The HTV4600 series convinces with a slim design and reduces the control elements to the absolute essential. The user is not bothered with unnecessary functions and consequently may intuitively operate the monitor.

The SKS BL2012 series has been used outside. This series features a screwless front plate and due to its elegant and timeless design may be perfectly integrated into almost any architecture.

The set consists of:



HTV4600, white
Details see page 12, 13



Door station in elegant design
(aluminium silver anodized)
Details see page 44, 45

Including the following components:

Article No.	Description	More info
300083	Camera-/speech module	page 23
300094	2-wire video compact power supply	page 25

camera-/speech module is installed in the door station.

Dimensions of stainless steel door station:

Push button	Front plate	In-wall flush box
1	135 x 190 x 4 mm	115 x 170 x 45 mm
2	135 x 215 x 4 mm	115 x 195 x 45 mm
3	135 x 240 x 4 mm	115 x 220 x 45 mm
4	135 x 265 x 4 mm	115 x 245 x 45 mm
5	135 x 290 x 4 mm	115 x 270 x 45 mm
6	135 x 315 x 4 mm	115 x 295 x 45 mm
8	135 x 365 x 4 mm	115 x 345 x 45 mm

Set HTV4600 with indoor station in white (for up to 4 flats)

User	Article No.	Description
1	400138	Set HTV4600 / BL2012
2	400139	Set HTV4600 / BL2012
3	400140	Set HTV4600 / BL2012
4	400141	Set HTV4600 / BL2012

Set HTV4600 with indoor station in white (starting at 5 flats)

User	Article No.	Description
5	400142	Set HTV4600 / BL2012
6	400143	Set HTV4600 / BL2012
8	400145	Set HTV4600 / BL2012

INFORMATION: Star distributors 300025 (4807) are required for units with several risers and floor distributors 300096 are required for stubs on. These components are not included in the set prices.

Set BS2012 (hands-free) with aluminum door station (surface-mounted)

BS2012 is the innovation of the SKS basic models in the area of audio hands-free intercoms. 6 concave shaped buttons facilitate orientation and use for all target groups. With a mounting depth of 13 mm the intercom has minimal projection.

A well designed and flat (only 18 mm project from the wall) door station from aluminum has been used outside. LED illumination as well as a 4 mm thick front plate characterize this vandalism protected door station.

Available in silver anodized or RAL 9016 (standard white).

The set consists of:



Hands-free door station BS2012, white

Details see page 18, 19



Door station in elegant design (material is aluminum silver anodized, optionally also available in RAL 9016 standard white)

Including the following components:

Article No.	Description	More info
300027	Control module for up to 2 flats	page 94
300052	Control module for up to 3 flats	Page 94
300057	BUS driver	Page 40
300035	Transformer	Page 39

Dimensions of stainless steel door station:

User	External dimensions
1-2	152 x 202 x 18 mm
3-10	152 x 292 x 18 mm
12	152 x 336 x 18 mm



Set with indoor station in white Door station in aluminum silver anodized

User	Article No.	Description
1	500179	Set BS2012 (hands-free), 1 column
2	500180	Set BS2012 (hands-free), 1 column
3	500181	Set BS2012 (hands-free), 1 column
4	500182	Set BS2012 (hands-free), 1 column
5	500183	Set BS2012 (hands-free), 1 column
6 (2 x 3)	500184	Set BS2012 (hands-free), 2 columns
8 (2 x 4)	500185	Set BS2012 (hands-free), 2 columns
10 (2 x 5)	500186	Set BS2012 (hands-free), 2 columns
12 (2 x 6)	500187	Set BS2012 (hands-free), 2 columns

Set with indoor station in white Door station in aluminum RAL 9016 (standard white)

User	Article No.	Description
1	500188	Set BS2012 (hands-free), 1 column
2	500189	Set BS2012 (hands-free), 1 column
3	500190	Set BS2012 (hands-free), 1 column
4	500191	Set BS2012 (hands-free), 1 column
5	500192	Set BS2012 (hands-free), 1 column
6 (2 x 3)	500193	Set BS2012 (hands-free), 2 columns
8 (2 x 4)	500194	Set BS2012 (hands-free), 2 columns
10 (2 x 5)	500195	Set BS2012 (hands-free), 2 columns
12 (2 x 6)	500196	Set BS2012 (hands-free), 2 columns

Set HT4600 with aluminum door station (surface-mounted)

The HT4600 series is the inexpensive SKS basic model with a receiver. It convinces with a slim design and the fact that control elements have been reduced to the absolute essential. The user is not disturbed by unnecessary functions and can therefore intuitively operate the door station.

A flat (protrudes only 18 mm from the wall) and well-designed surface mounted door station from aluminum has been used outside. LED illumination as well as a 4 mm thick front plate characterize this vandalism protected door station.

Available in silver anodized or RAL 9016 (standard white).

The set consists of:



House phone HT4600, white
Details see page 20



Door station in elegant design (material is aluminum silver anodized, optionally also available in RAL 9016 standard white)

Including the following components:

Article No.	Description	More info
300027	Control module for up to 2 flats	Page 94
300052	Control module for up to 3 flats	Page 94
300057	BUS driver	Page 40
300035	Transformer	Page 39

Dimensions of stainless steel door station:

User	External dimensions
1-2	152 x 202 x 18 mm
3-10	152 x 292 x 18 mm
12	152 x 336 x 18 mm



Set with indoor station in white Door station in aluminum silver anodized

User	Article No.	Description
1	500197	Set HT4600 (receiver), 1 column
2	500198	Set HT4600 (receiver), 1 column
3	500199	Set HT4600 (receiver), 1 column
4	500200	Set HT4600 (receiver), 1 column
5	500201	Set HT4600 (receiver), 1 column
6 (2 x 3)	500202	Set HT4600 (receiver), 2 columns
8 (2 x 4)	500203	Set HT4600 (receiver), 2 columns
10 (2 x 5)	500204	Set HT4600 (receiver), 2 columns
12 (2 x 6)	500205	Set HT4600 (receiver), 2 columns

Set with indoor station in white Door station in aluminum RAL 9016 (standard white)

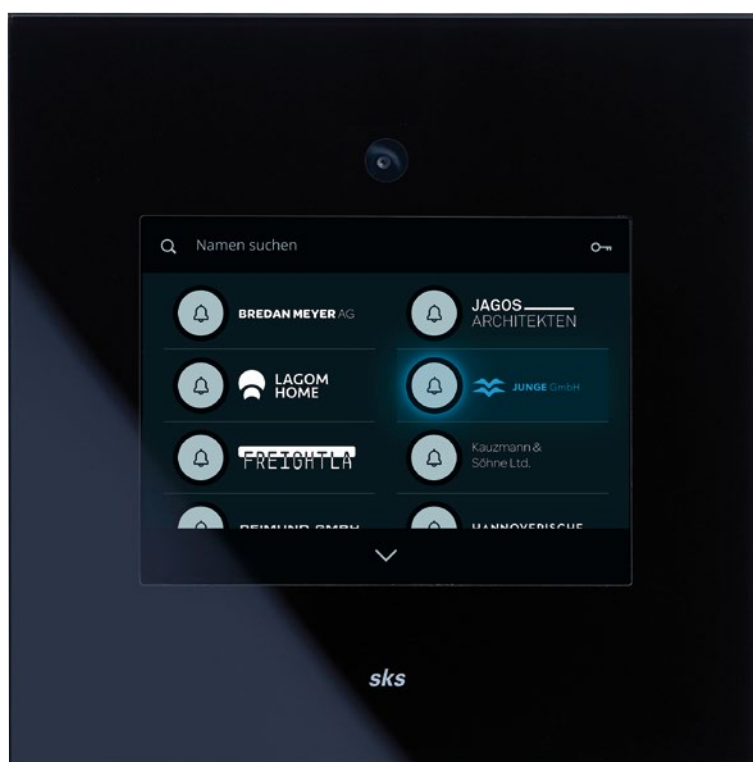
User	Article No.	Description
1	500206	Set HT4600 (receiver), 1 column
2	500207	Set HT4600 (receiver), 1 column
3	500208	Set HT4600 (receiver), 1 column
4	500209	Set HT4600 (receiver), 1 column
5	500210	Set HT4600 (receiver), 1 column
6 (2 x 3)	500211	Set HT4600 (receiver), 2 columns
8 (2 x 4)	500212	Set HT4600 (receiver), 2 columns
10 (2 x 5)	500213	Set HT4600 (receiver), 2 columns
12 (2 x 6)	500214	Set HT4600 (receiver), 2 columns



COMFORT door station Multitouch – breaking the norm



Multi-functionality at its best – audio/video door stations, access control and information system all in one. The series impresses with easy handling via a multi-touch color display and is therefore appealing to all target groups – in apartment complexes and residence halls, office buildings, multi-office practices as well as entrances to underground parking.



High quality safety glass surface +

14.5 cm (5.7") TFT color display (640 x 480 pixel) +

Easy and intuitive handling +

+ Featuring an integrated color camera

+ Images and text can be customized (also in color)

+ Operated via multi-touch display



195 x 195 x 4 mm / dimensions of glass
184 x 184 x 65 mm / installation dimensions
179 x 179 x 65 mm / installation in hollow wall



Available colors:
black / white

- 6-wire video/audio technology
- suitable for all SKS BUS audio video end devices
- 14.5 cm (5.7") display with multi-touch function
- easy and intuitive operation
- direct configuration on the device or web based
- no visible speakers
- vector graphics optional instead of text
- code lock function with figures rotating on the display after each use

- different levels may be set up, e.g. for different departments
- suitable for barrier free constructions in compliance with DIN18040
- safety glass for vandalism protection
- available for installation in front door stations or letter box systems (ML version)
- protrudes only 8 mm from the wall when flush-mounted

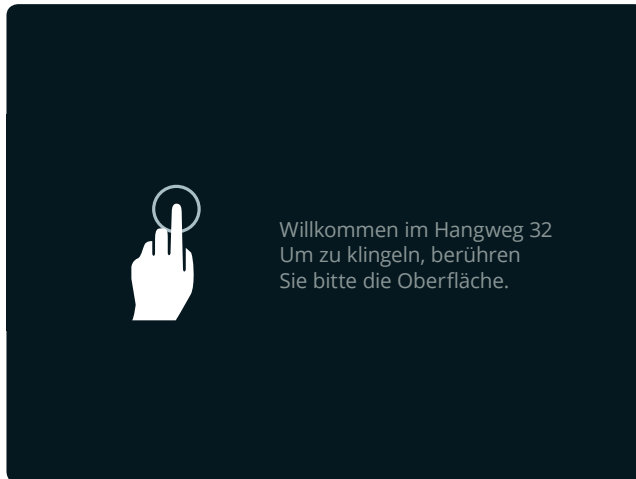
6-wire

Article No.	Description	Color
60001110	COMFORT door station Multitouch, 6-wire	black
60004410	COMFORT door station Multitouch ML, 6-wire	black
60001210	COMFORT door station Multitouch, 6-wire	white
60004510	COMFORT door station Multitouch ML, 6-wire	white

IP version*

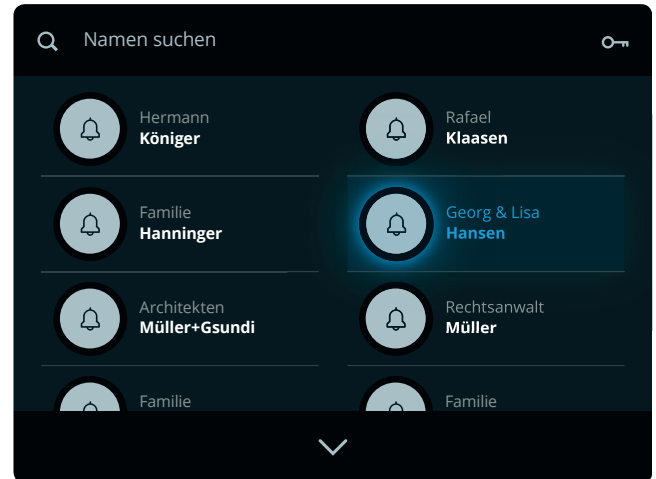
Article No.	Description	Color
60004610	COMFORT IP-Türstation, 6-wire	black
60005110	COMFORT IP-Türstation ML, 6-wire	black
60004810	COMFORT IP-Türstation, 6-wire	white
60005010	COMFORT IP-Türstation ML, 6-wire	white

COMFORT door station Multitouch – overview of features



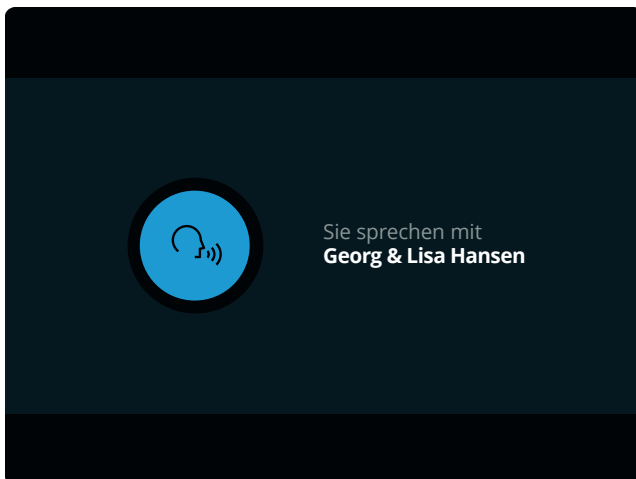
Welcome screen

The color display is automatically turned on when a person approaches the door station.



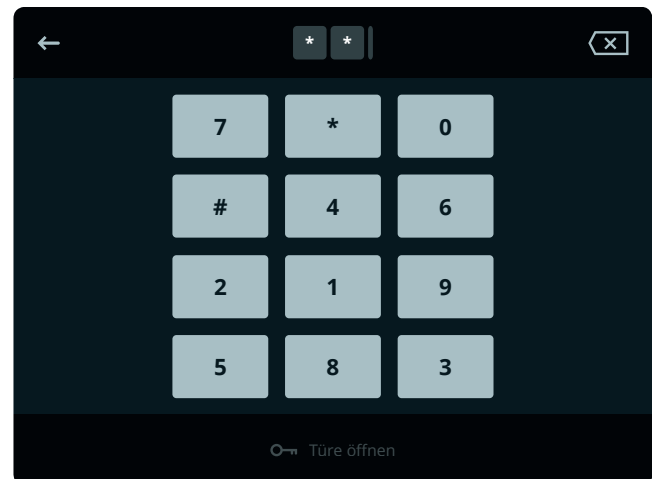
Selection of names

Names may be selected by swiping or scrolling. The name is selected and the door bell rung by touching the required name. Audio and visual feedback is provided for each selected function.



Signaled functions – barrier free in compliance with DIN 18040

In compliance with the latest DIN 18040 regulation this door station offers not only acoustic signals for the hearing impaired also visible messages on the current state (symbols and text) on the display. The text "call sent" appears once the door bell has been rung. The text "you are talking to..." appears once the call has been answered and is followed by "door open" if the door opener has been activated.



Virtual code lock – maximum security

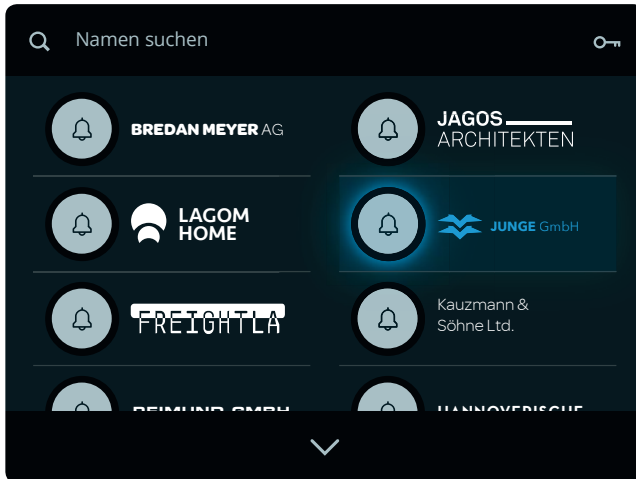
Via the virtual code lock function the COMFORT door station may also be used to open the front door. Enhanced security is provided thanks to the fact that the position of the numbers from 0 to 9 is rotated on the display after each use.

Comfort search function

For larger apartment complexes or office buildings, names can be found quickly with the help of a search function and virtual buttons.

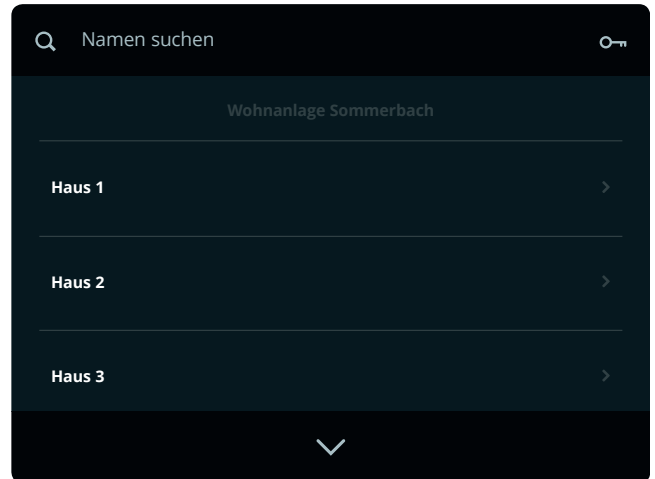


COMFORT door station Multitouch – overview of features



Customized display with company logo

The COMFORT door station may also be used as an information system since the user interface is freely customizable. Images and additional texts may be added to the names, e.g. company logos, departments or floor in which the resident is to be found.

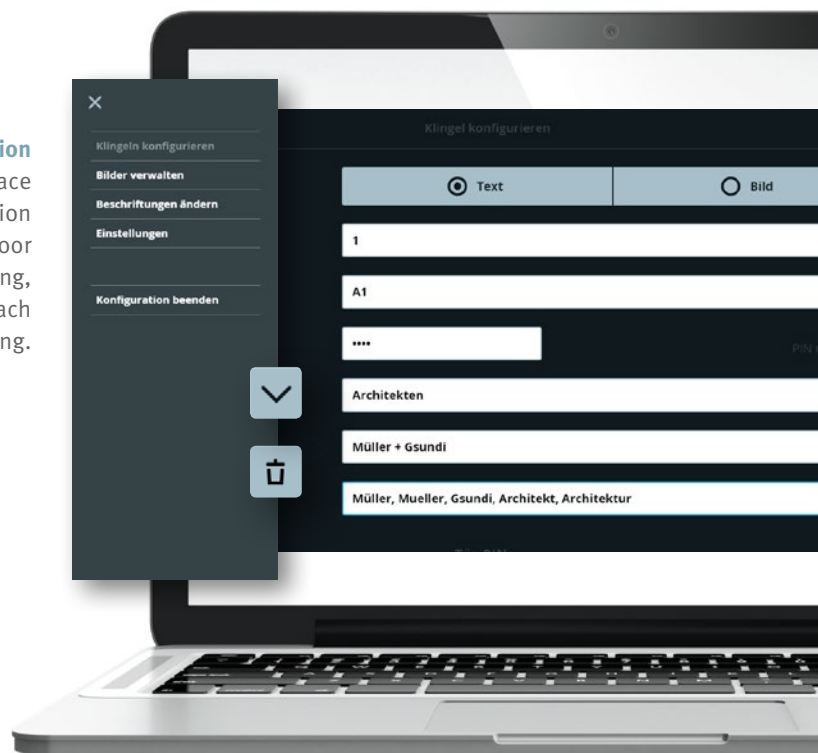


Due to the tree structure names can be easily searched

At a central entrance the individual residents of the building may be assigned to a level (e.g., houses 1 to 6 in a residential complex).

Start-up/configuration

Easy start-up of the door station via the Web interface using a PC/laptop is possible. There is also the option of completing the configuration directly at the door station. It is possible to program an individual greeting, opening hours or the location of the apartment for each user. This text is then displayed when the bell is rung.



Optionally with 30.7 cm (12.1“) display



Price upon request.



The only limit is your imagination

Customized details like raised letters, engravings and designs make SKS door stations unique. We are happy to realize your ideas on features as well as dimensions and surfaces of your individual door station.

Let yourself be carried away by the flexible and customized design of your personal one-of-a-kind door station.

SKS places strong emphasis on high quality material and workmanship. This is also true for customized solutions. One priority in the manufacturing process of our door stations is to protect them from vandalism.

10 mm thick name plates, stainless steel push buttons with micro switch, illumination of the name plates with LEDs and complete pre-wiring of the door stations (in combination with an SKS BUS system) leave nothing to be desired.

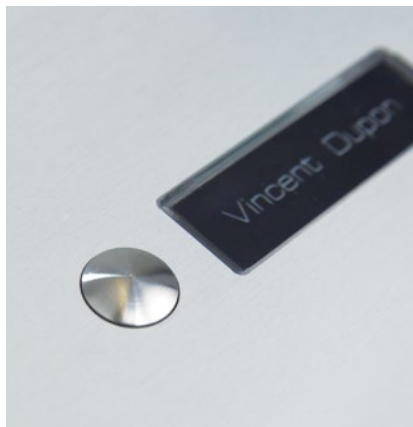
Short delivery times in combination with optimal price-performance ratio characterize SKS door stations.

The following boxes for the door stations are available:

- box for flush-mounting with a depth of 45 mm. SKS recommends the model with angle frame because it prevents damage to the plaster when the panel is being opened
- cavity wall boxes (60 mm deep) are available for special mounting situations
- box for surface mounting with a depth of 30 mm (also available with a depth of 58 mm depending on the module that has additionally been installed upon request)
- our audio surface mounting sets for up to 12 apartments with a depth of 18 mm (available in BUS and 1+n technology)
- boxes that are to be opened from the bottom with a depth of 62 mm (used in door side panels)



Bell push buttons and name plate as a flush combination



With illuminated LED name plate.
The lettering of name plate may be changed from the front using the special SKS tools.



Frame profile custom-made



GRUENTUCH ERNST ARCHITEK

Unique and customized door stations that perfectly complement the design of your entrance area.





Applications

All visible components are flush-mounted. The picture shows the installation in a side panel of an entrance door (for this reason the visible surface shows no screws).



Brushed V2A stainless steel

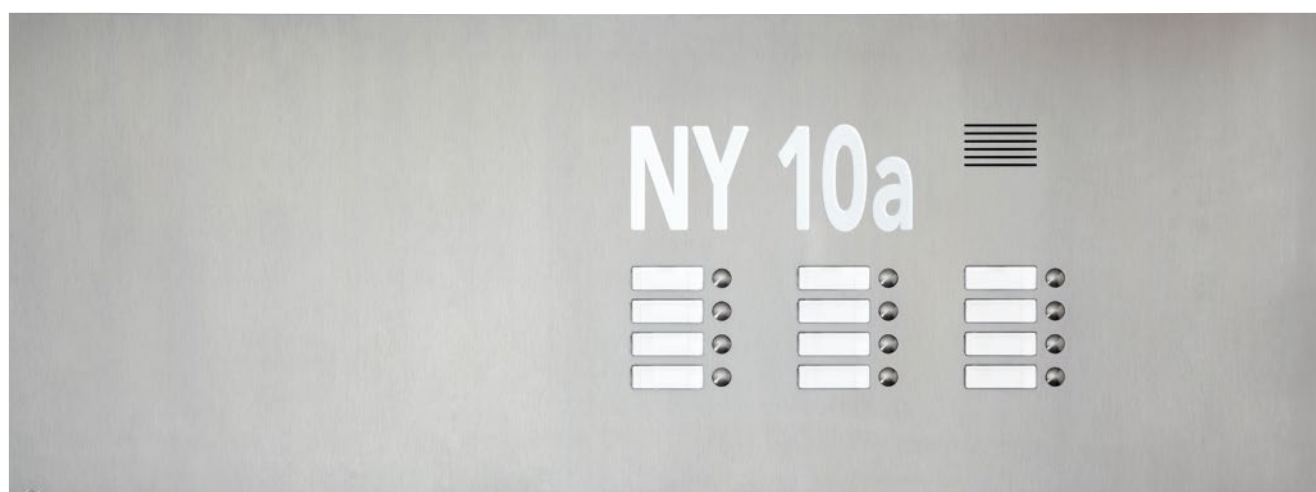
Individual design varieties

We design your door station individually in accordance with your personal ideas and requirements. A sophisticated design scheme allows for a variety of solutions taking into account the required scope of functions and size of the unit.





Black anodized aluminum



Brushed V2A stainless steel (for installation in door panel)



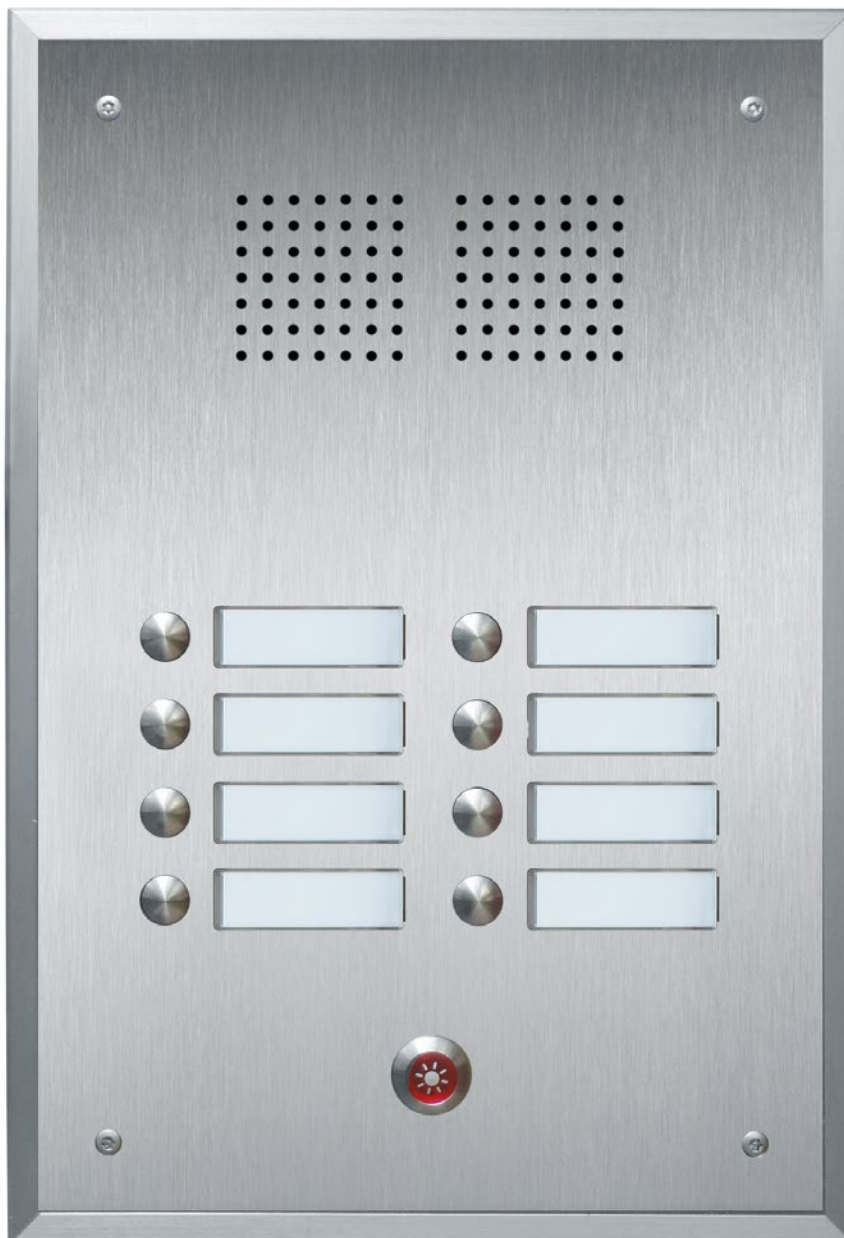
Choice of colors based on RAL

There are almost no limits to the color design of the unit: The door station may pick up the color theme of the surrounding architecture or create its own color effects – all in accordance with your preferences.



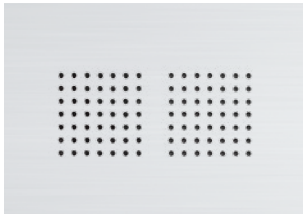
Ideal protection

SKS flush-mounted door stations with angle frame – it guarantees perfect covering of the existing opening in the wall and no plaster is damaged when it needs to be opened.

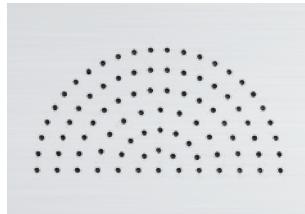


Front panel brushed V2A stainless steel with angle frame
(anodized in stainless steel finished look).
Picture with light switch (illuminated in red)

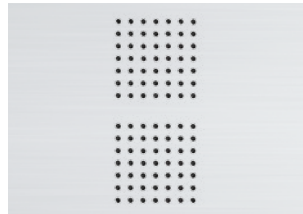
Speaker grille



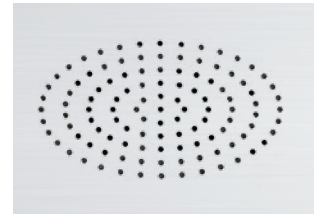
A (112 x 48 mm)



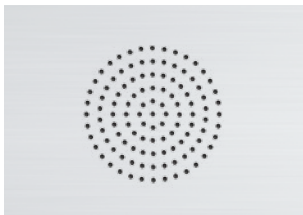
B (150 x 77 mm)



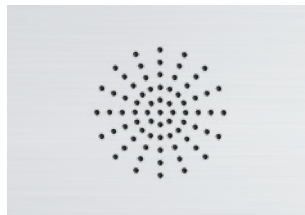
C (48 x 112 mm)



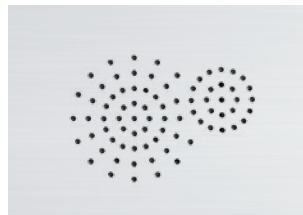
D (147 x 83 mm)



E (80 mm)



F (80 mm)



G (111 x 76,5 mm)



H (150 x 80 mm)



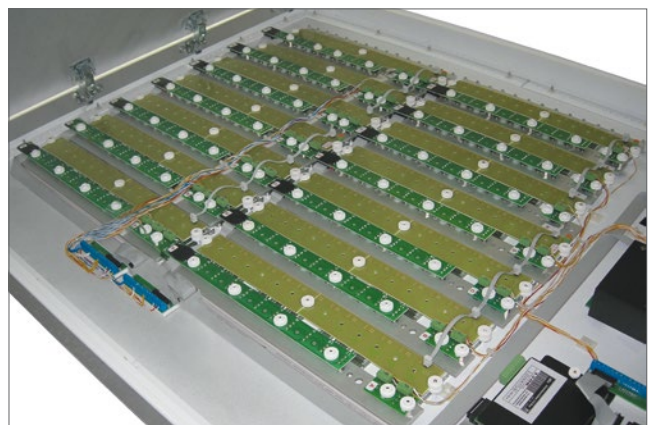
I (110 x 50 mm)



J (55 x 115,5 mm)

Easy handling

SKS door stations are equipped with installation-friendly retaining bands. Upon request they may also be equipped with hinges or special locks. Pre-wired door stations allow for cost-saving installation and start-up because the SKS door stations may also be pre-configured upon request. No wires can thus be damaged when the door station is opened. A low-cost alternative are our stainless steel screw contacts without pre-wiring.



Picture shows a pre-wired door station



SKS in innovative architectural concepts

Charlotte is an apartment complex in Berlin located near Checkpoint Charlie. Sophisticated floor plans lead to high quality living and with the generous use of glass the apartments also offer a stunning view on Berlin Mitte.

A generous door station with illuminated street name and number in brushed stainless steel unites the different apartment types of the 9-story building: 25 regular apartments on floors 1 to 6, second floor and three penthouse apartment covering two stories on floors 7 und 8.

Both commercial units on the ground floor are accessed separately. All apartments use the hands-free intercom series DS2010.



SKS in innovative architectural concepts

The versatile architectural ensemble PolygonGarden rises like a sculpture in the district Samariterviertel in Berlin-Friedrichshain. The most impressive feature is its stepped facade made of glass that shows clear contours which break with the surrounding Wilhelminien style architecture.

The variety of access situations require individual solutions with respect to function, size and installation, i.e. flush-mounted elements in various facades but also in door side panels.

The design of the door stations has consciously been kept clear, straightforward and informative in this versatile surrounding with all its variations.



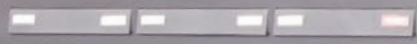
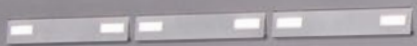
Architect: HKA Hastrich Keuthage Architekten / Client: Archigon





Door stations
letter boxes/stanchions

Riedbergplatz 4



Door station installation
incorporating a side-door section.

Features include: a brushed
stainless steel finish. Integrated,
illuminated push buttons.

The ideal combination

Door stations and letter box systems as
perfect combination at your entrance
area.



Door station equipped with
camera (flush-mounted) and
light switch



Letter box system flush-mounted with surround kit for installation



Letter box system surface- mounted with customized wood frame



Letter box system design line for stand-alone installation

Letter box openings for masonry slanted, extendible from 260-380 mm

Model 01-100

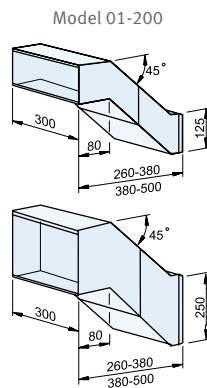
250 x 100 x 260-380 mm
250 x 200 x 260-380 mm

Model 01-200

300 x 125 x 260-380 mm
300 x 250 x 260-380 mm

Model 01-300

350 x 125 x 260-380 mm
350 x 250 x 260-380 mm



Letter box openings for masonry slanted, extendible from 380-500 mm

Model 01-100

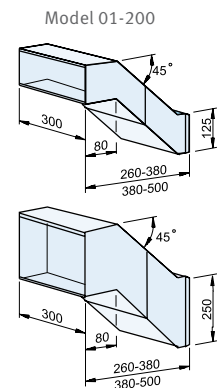
250 x 100 x 380-500 mm
250 x 200 x 380-500 mm

Model 01-200

300 x 125 x 380-500 mm
300 x 250 x 380-500 mm

Model 01-300

350 x 125 x 380-500 mm
350 x 250 x 380-500 mm



Letter box openings for door side panel, straight, with fixed depth

Model 02-100

250 x 100 x 320 mm *
250 x 100 x 380 mm

Model 02-700

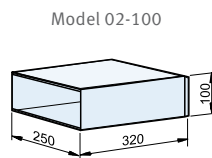
270 x 110 x 380 mm
270 x 220 x 380 mm
270 x 330 x 380 mm

Model 02-800

300 x 110 x 380 mm
300 x 220 x 380 mm
300 x 330 x 380 mm

Model 02-900

375 x 110 x 280 mm
375 x 220 x 280 mm
375 x 330 x 280 mm



Letter box openings for door side panel, slanted, with fixed depth 320 mm

Model 02-100

250 x 100/310 x 320 mm
250 x 100 x 320 mm
250 x 200 x 320 mm

Model 02-700

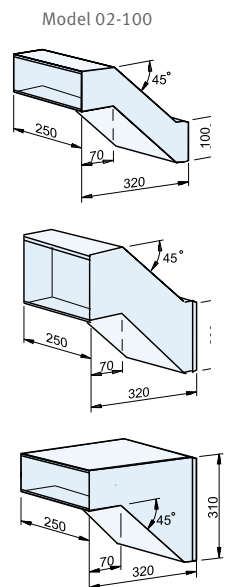
270 x 110/320 x 320 mm
270 x 110 x 320 mm
270 x 220 x 320 mm

Model 02-800

300 x 110/320 x 320 mm
300 x 110 x 320 mm
300 x 220 x 320 mm

Model 02-900

375 x 110/320 x 320 mm
375 x 110 x 320 mm
375 x 220 x 320 mm



Boxes for stand-alone, surface- and flush-mounted units, upright letter boxes

Model 04-100

220 x 290 x 75 mm *

Model 04-300

260 x 330 x 110 mm *

Model 04-400

270 x 370 x 110 mm *

Model 04-600

375 x 320 x 110 mm

Model 04-700

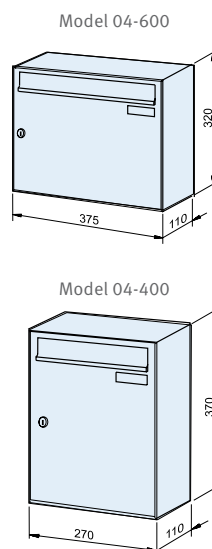
375 x 320 x 150 mm

Model 04-800

300 x 440 x 150 mm

Model 04-900

375 x 440 x 150 mm



Boxes for stand-alone, surface- and flush-mounted units, horizontal letter boxes

Model 08-200

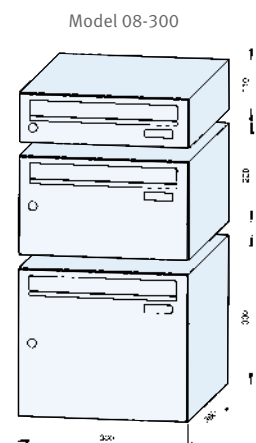
270 x 110 x 380 mm
270 x 220 x 380 mm
270 x 330 x 380 mm

Model 08-300

300 x 110 x 380 mm
300 x 220 x 380 mm
300 x 330 x 380 mm

Model 08-500

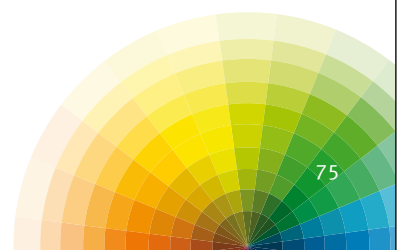
375 x 110 x 280 mm
375 x 220 x 280 mm
375 x 330 x 280 mm



! * Please note! Not a DIN model!

All dimensions are given as Width x Height x Depth

Choice of colors
based on RAL



SKS Stanchions

A stanchion is the ideal solution to grant access without depending on any walls or facades. We are happy to work out ideas for the features, size and surfaces of your stanchion and letter box system together with you – let yourself be carried away by the flexible and customized design of your personal one-of-a-kind door station.



COMFORT door station Multitouch flush-mounted
in stainless steel stanchion







146

SKS in exclusive buildings

le flair is a special and impressive component of the re-urbanization of the former railroad property and industrial zone in Düsseldorf-Dehrendorf.

14 buildings with 79 apartments were equipped with door stations and letterbox systems. All the different types, i.e. units which are flush mounted, have separate newspaper boxes and separate door stations and the elements that are integrated into the side panel of the door are all protected against vandalism, have the same surface and illuminated nameplates that can be changed from the front.



SKS bell plate in stainless steel (V2A) and brass

600024 (83500)

Bell plate in stainless steel (V2A)



Dimensions: 80 x 50 x 6 mm

600023 (51300)

Bell plate in brass



Dimensions: 80 x 80 x 8 mm

600027 (81310)

Bell plate in stainless steel (V2A)



Dimensions: 85 x 85 x 6 mm

600021 (48803)

Bell plate in brass



Diameter 75 mm, depth 8 mm

600025 (81200)

Bell plate in stainless steel (V2A)



Diameter 70 mm, depth 6 mm

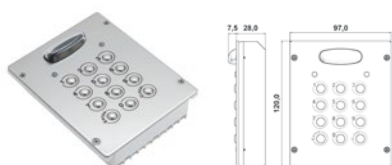


Fastenings

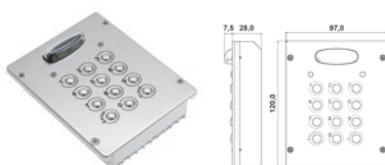
Two drilled holes, not visible after mounting, are required to fasten the unit to the wall. Anchors are provided in the scope of delivery and may simply be inserted into the wall and the unit is then attached using the provided studs and the thread connection on the back.

The following code locks are made of high quality material. All products offer easy installation as well as user-friendly programming due to micro controllers and EEPROM storage.

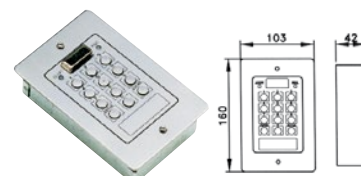
It allows the user to apply a secret code (of up to 8 digits) and to configure additional access codes as well as relay opening times. Required power supply: 230 V / 13 V; 1.6 A (article 300033 (322) required for code lock systems, description and picture see page 95).



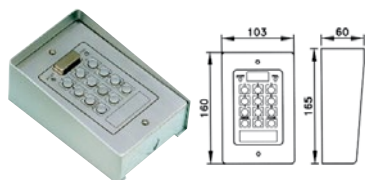
700009
(VX800N-2L)



700013
(VX900N-2L)



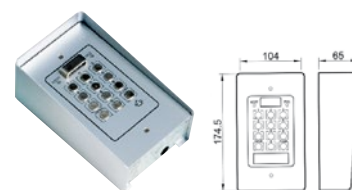
700006 / 700008
(VX800NF / VX900NF)



700005 / 700007
(VX800NS / VX900NS)



700003
(VX810/A)



700004
(VX810S/A)

Required power supply 12 VAC/DC (24 VAC/DC upon request at an extra charge). All units are equipped with potential-free relay contacts and illumination.

All code locks of the 810 series have a call button „A” that can actuate an additional electronic loudspeaker, 300097 (512-A).

Article No.	Original article No.	Potential-free relay outlet	Codes	Stainless steel	Material		Model		
					Aluminum silver anodized	Aluminum gold anodized	Surface-mounted	Flush-mounted	
Code locks for installation in SKS door stations, letter box systems und stanchions									
700009	VX800N-2L	2	2	✗					
700013	VX900N-2L	2	100	✗					
Code locks as surface- or flush-mounted model									
700006	VX800NF	2	2	✗				✗	
700008	VX900NF	2	100	✗				✗	
700005	VX800NS	2	2	✗			✗		
700007	VX900NS	2	100	✗			✗		
Low-cost code locks									
700003	VX810/A	1	1		✗			✗	
700004	VX810S/A	1	1		✗		✗		

Code locks with a slim design are available upon request.

Access control system "VPROX"

is a highly reliable and robust access control system that, "contact-free", uses coded key chains or cards. All systems are equipped with user-friendly programming. There is a variety of innovative solutions for contact-free keys, reader- and control units available.

700035 (VX955-C)

Proximity key integrated in PVC card



Dimensions: 85,6 x 54 x 0,76 mm (ISO)

- Color: brilliant white
- 64 bit-Code
- can read up to 50 mm

700034 (VX955-T)

Proximity key integrated in a plastic key chain (drop-shaped)



Diameter: 36 mm, 5 mm thick

- Color: anthracite
- 64 bit-Code
- can read up to 20 mm

700031/700032 (849-Z)

Proximity reader



Dimensions: 83 x 83 x 20 mm

The housing – available in gray and nickel – is very compact, made from gravity die casting aluminum, and equipped with a polycarbonate reader pane. These units are surface-mounted with an installation panel. The proximity sensor is delivered completely with a 3 m long, 5-wire cable.

The set contains the reader (reading distance between 20 and 50 mm, depending on the key type used), the signal system for the user, equipped with LED display and buzzer to indicate the activation of the system.

The connection between "VPROX" reader and control unit requires at least a 5-wire cable for a distance of no more than 200 meters to the central controller. The housing is suitable for outside use.

700031: surface-mounted, housing aluminum, **gray**
700032: surface-mounted, housing aluminum, **nickel**

700033 (VP-PM)

Proximity reader head



Punch dimension: 40 x 40 mm
External dimensions: 65 x 65 mm

- For panel installation
- with polycarbonate pane (size: 40 x 40 mm) and the same features as listed for the models above
- four holes drilled in the corners of the module for installation purposes

700037 (VPROX-20)

Control unit for 1 door and 20 proximity keys

Dimensions: 87 x 85 x 66 mm (5 PU)



- Programming, deletion and testing of one single proximity key and 4 door opening times (between 2 and 10 seconds)
- available in top-hat rail plastic housing
- required voltage supply: 230 V/13 V; 1.6 A

! Article 300033 (322) required for voltage supply! (see page 95)



700038 (VPROX-100)

Control unit for 2 doors and 100 proximity keys

Dimensions: 157 x 85 x 66 mm (9 PU)



- 2-digit LED display and 4 function keys to enter the master code and program the unit.
- Deletion and testing of one single proximity key may be carried out at the control unit and the door opening time (1 to 99 seconds) may also be programmed here.
- available in top-hat rail plastic housing
- required voltage supply: 12 VAC/DC 2 VA max.

! Article 800491 (521B) required for voltage supply! (see below)

700058 (VPROX-4000)

Control unit for 4 main doors and 4000 proximity keys



)

- For 4 main doors (expandable to up to 20 doors). Up to 4000 proximity keys may be used with the PROX-4000 system.
- 2 x 16 digits LCD display and 4 x 4 key pad to enter the master code and to manually program the unit.
- deletion and testing of one single proximity key may be carried out at the control unit and the door opening times (1 to 255 seconds) may also be programmed here. In addition, entrance times may be allocated to individual proximity keys.
- Internal storage of event log records (up to 4000), parallel printer connection and a RS232 serial interface for the connection to a PC with special VPROX-1000/4000 Win Software (included in the scope of delivery at no extra charge), and an alarm relay which is activated after 5 access attempts with an invalid key.
- real time clock on the circuit board (with buffered battery as power reserve) to record every access.
- 2 pluggable EEPROM (master memory and backup memory), that contain all system data, for safe storage.
- required voltage supply: 12 VDC; 4 VA max.
- article pre-wired in switch cabinet

800491 (521B)

Power supply with uninterruptable power supply via external battery

Dimensions: 157,5 x 65 x 105 mm (9 PU)



- Required to supply the control unit VPROX-100
- input: 115 - 230 VAC
- output: 13.5 V DC, 0.8 A
- output: 13 V AC, 1.6 A for door opener
- frequency: 50/60 Hz
- range of operating temperature: -10 °C to +50 °C

! Please contact us for a detailed and more elaborate offer!



FP2005

The SKS fingerprint system FP2005 is a biometric access control system with fingerprint recognition. The finger is not placed on, but down across the robust thermal line sensor – this ensures maximum security. There is no remaining fingerprint that could be used for a copy. Neither different skin types nor smaller injuries on the fingers impair finger print processing. FP2005 works well under any weather and temperature conditions.

The system is available as stand-alone system or for the installation in SKS door stations, stanchion or also letter box systems.

Good reasons for using fingerprint systems

- high loss security: it is impossible to lose or forget the “key”
- anti-theft safety: it is not possible to steal a “key”
- forgery protection: every finger is unique
- user-friendly: the user personally authorizes people (without PC or technician)
- manipulation protected: tampering with the system is impossible

Applications

- doors in private homes or apartment houses
- companies
- access control for high security sectors
- alarm systems

How does the fingerprint system FP2005 work?

When scanning the finger, the system filters out distinctive characteristics, so-called minutiae, and stores, respectively compares, them as a biometric key. No pictures are stored but only a binary code which cannot be converted back into the image of the finger. Due to a built-in heating this system also works if it is wet or cold outside.

Special features

- extremely simple on-wall installation
- operation without PC- or any other special knowledge
- IP rating: IP 56, may be used outside
- robust Atmel line sensor with finger guidance from stainless steel in modern design
- one controller for several functions: access control, alarm system (activation/deactivation) etc.

Technical data

- sensor: ATMEL FingerChip > 2 million uses
- supply voltage: 8 - 12 VAC
- current consumption: max. 0.15 A (without door opener)
- relay switching capacity: 30 VAC/DC; 1 A
- relay board: inside, protected by housing
- outdoor use: possible
- IP rating: IP56
- range of operating temperature: -40 °C to +85 °C
- interference immunity: 16 kV
- memory capacity: depending on the system (see following pages)
- training method: depending on the model (see next page)
- training time: 1.5 seconds
- recognition time: 1.5 s + 0.014 s x number of fingerprints

Dimensions:

Flush-mounted: 80.5 x 80.5 mm
(for mounting in the standard 55 mm flush box)
Surface-mounted: 80.5 x 80.5 x 30 mm



Article 300033 (322) required for voltage supply! (see page 95)



Functions	700051 (FP2005) Fingerprint Basic	700021 (FP2005-P) Fingerprint Plus	700018 (FP2005-I) Fingerprint Infrared-Keypad	700055 (FP2005-TCP/IP) Fingerprint TCP/IP Network
Programming WITHOUT PC or Code (master finger concept)	✓	✓	✓	
Keypad with infrared interface serves as administration station			✓	
Networking via a simple 2-wire connection				✓
Central administration for user access authorization with time profile				✓
Individual configuration of individual terminals				✓
Protocol of access events				✓
Terminal can work autonomously without PC				✓
1 relay function (potential-free or not potential-free selectable)	✓	✓	✓	✓
2 relay function (potential-free or not potential-free selectable)		✓	✓	✓
High security due to relay in protected area (inside)	✓	✓	✓	✓
Character storage for up to 150 finger prints	✓	✓	✓	
Character storage for up to 1000 finger prints				✓
Data integrity in case of power failure	✓	✓	✓	✓
Operating conditions: inside and outside (combination with moisture guard)	✓	✓	✓	✓
3 master fingers for 1 relay	✓		✓	
All fingers deleted (incl. master), no individual deletion	✓	✓		
Individual storage slot assignment – delete individual storage slots			✓	✓
Finger is scanned with a tamper-proof, thermal line sensor	✓	✓	✓	✓
Connection of a door opener or other device with power consumption of up to 1 A and an operating voltage of 8 - 12 V	✓	✓	✓	✓
Opening two entrances with different finger prints		✓	✓	✓
Opening at least. 2 entrances with different finger prints (2 relay functions)		✓	✓	✓
Administration via master finger without additional tools (e.g., PC or Code)	✓	✓		
Administration via PC				✓
Choice of several security levels / safety classifications			✓	✓
Flexible setting of relay security			✓	✓

Scope of delivery:	700051 (FP2005) Fingerprint Basic	700021 (FP2005-P) Fingerprint Plus	700018 (FP2005-I) Fingerprint Infrared-Keypad	700055 (FP2005-TCP/IP) Fingerprint TCP/IP Network
1 BioKey Gate outside	✓	✓	✓	✓
1 BioKey Gate outside with infrared interface			✓	
1 inside unit (relay board with housing)	✓	✓	✓	✓
1 infrared keypad (remote control)			✓	
4 screws (Ø 3.5 mm), 4 anchors (Ø 5 mm)	✓	✓	✓	✓
1 manual/installation instructions	✓	✓	✓	✓
In addition, an enrollment station (art. no. 700054) is required				✓

300098

Basic bell BUS



Dimensions: 80 x 150 x 13 mm

The bell BUS is connected to the SKS BUS with two wires. The same calling address as the one at the indoor station is set on the DIP switch. When the door bell is rung the selected ringtone sounds at the indoor station as well as the bell BUS.

- compatible with bell BUS 300006 (514)
- ringtones and volume may be set
- ringtones match all SKS indoor stations
- surface-mounted
- not suitable for outside use
- range of operating temperature: -10 °C to +65 °C
- IP rating: IP20

300097

Basic additional speaker



Dimensions: 80 x 150 x 13 mm

The additional speaker is connected to a previously existing indoor station. It may be added to the following SKS indoor station series: HT4500, HT4600, HTV4600, HT925, HT926, HT7105 and HT3500. Whether the indoor station is called from the front door or the floor door there will be the ringtone at the indoor station and the additional speaker.

- compatible with additional speaker 300045 (512-A)
- same ringtone as the indoor station (only speaker)
- up to 3 wires required to the indoor station
- surface-mounting (not suitable for outdoor use)
- range of operating temperature: -10 °C to +65 °C
- IP rating: IP20

800190 (FR60)

Door chime



Dimensions of receiver: 68 x 108 x 40 mm
Dimensions of transmitter: 85 x 24 x 24 mm

SKS indoor stations may easily be expanded by a mobile component using the wireless door chime. It may be used autarkical or optionally in connection with SKS BUS indoor stations in combination with the BUS actuator module UP 300095. In case of multi-wire technology it may be used in combination with SIP modules. The receiver may be plugged into any socket and signals incoming calls visually and acoustically.

Radio transmitter:

- battery: 1 x 3 V Lithium CR 2032
- 100 meters reach in open field
- range of operating temperature: -10 °C to +45 °C

Radio receiver:

- nominal input voltage: 220 - 240 VAC; 50 Hz
- 8 ringtones
- volume may not be adjusted
- optionally available with a flashing light for the hearing impaired
- range of operating temperature (receiver): -10 °C to +45 °C
- IP rating: IP20



All electronic door bells and chimes can be controlled with the SKS Interface SIP05 or SIP06 and it may therefore be used as a second signaling device for the intercom. Please note in your order if this function is required.

800765

Door chime



Dimensions of receiver: 50 x 122 x 38 mm
Dimensions of transmitter: 30 x 16 x 7 mm

SKS indoor stations may easily be expanded by a mobile component using the wireless door chime. It may be used autarkical or in connection with the SKS indoor station series HT4500, HT4600, HTV4600, HT926, HT7105 and HT3500 without additional components. For all other SKS BUS door stations the chime may be used via the BUS actuator module UP 300095 or for multi-wire technology in combination with SIP modules. The transmitter may be installed unobtrusively in the smallest area. The receiver may be plugged into any socket and signals incoming calls visually and acoustically. The duration of the signal may be selected between 7 seconds and 1 minute.

Radio transmitter:

- nominal input voltage: 5 – 24 VAC / 6 – 32 VDC
- nominal input power: 0.4 W (active)
- 150 meters reach in open field
- range of operating temperature: -20 °C to +60 °C

Radio receiver:

- nominal input voltage: 230 VAC; 50 Hz
- nominal input power: 0,3 W (Standby)
- 3 ringtones
- volume may be adjusted in 2 levels
- Optionally available with a flashing light for the hearing impaired
- range of operating temperature (receiver): -20 °C to +35 °C
- IP rating: IP20

800189 (F-118/Advante-SIP)**Door chime**

Dimensions of receiver:
90 x 60 x 35 mm
Dimensions of transmitter:
45 x 80 x 15 mm



SKS indoor stations may easily be expanded by a mobile component using the wireless door chime. It may be used in connection with SKS BUS indoor stations in combination with the BUS actuator module UP 300095. In case of multi-wire technology it may be used in combination with SIP modules.

Radio transmitter:

- with 15 cm connection wires for a connection to BUS actuator module or SIP modules
- battery: 1 x 12 V (A-23)
- reach of 50 meters in open field
- range of operating temperature: -10 °C to + 45 °C

Radio receiver:

- battery: 2 x 1.5 V (AA/Mignon)
- 2 ringtones (3-tone chime or Westminster)
- volume may not be adjusted
- range of operating temperature (receiver): -10 °C to + 45 °C
- IP rating: IP20

800185 (F-118/Advante)**Door chime**

Dimensions of receiver:
90 x 60 x 35 mm
Dimensions of transmitter:
45 x 80 x 15 mm



Stand-alone wireless door chime that may not be connected to SKS indoor stations. Receiver is equipped with a stand and a belt clip.

Radio transmitter:

- battery: 1 x 12 V (A-23)
- reach of 50 meters in open field
- range of operating temperature: -10 °C to + 45 °C

Radio receiver:

- battery: 2 x 1.5 V (AA/Mignon)
- 2 ringtones (3-tone chime or Westminster)
- volume may not be adjusted
- range of operating temperature (receiver): -10 °C to + 45 °C
- IP rating: IP20

800186 (F-118/Advante-D)**Door chime**

Dimensions of receiver: 90 x 60 x 35 mm
Dimensions of transmitter: 33 x 40 x 15 mm



SKS indoor stations may easily be expanded by a mobile component using the wireless door chime. The door chime may be added to the following SKS indoor station series without any additional components: HT4500, HT4600, HTV4600, HT926, HT7105 and HT3500. The transmitter may be installed unobtrusively directly in the indoor station.

Radio transmitter:

- Direct connection to most SKS door stations possible
- nominal input voltage: 10 – 25 VAC/VDC
- reach of 50 meters in open field
- range of operating temperature: -10 °C to + 45 °C

Radio receiver:

- battery: 2 x 1.5 V (AA/Mignon)
- 2 ringtones (3-tone chime or Westminster)
- volume may not be adjusted
- range of operating temperature (receiver): -10 °C to + 45 °C
- IP rating: IP20

	Door release	Microphone	Earth	Loudspeaker	Connecting wire	Switchover Electronic or buzzer
Model	1	2	3	6	4	
ACET	5	10	2	7	9	Z
AMBER	D	A	C	B	E	Z
ATEA	2	4	3	1	5	Z
AUTA TF92 (LL Electronica)	10	3	4	7	12	E
AUTELCO	P5	a	1	b	2	Z
BELL SYSTEM TELEPHONE	Z	R	O	T	1	Z
BOGEN	T	1	3	2	6	Z
BPT	2	1	4	5	3	Z
CENTRAMATIC	4	2	1	3	5	Z
CITESA	1	4	C	3	B	Z
CITOVOK	5	10	9	7	T	Z
COMELIT /2100	P1	3	4	2	1	Z
ELBEX		MIC	LOW	SPEC	+	Z
ELVOX	2	6	9	4	+	Z
ELVOX	7	2	3/4/5	1	6	Z
FARFISA	5	1	3	2	6	Z
FARMAX GONDOLA	4	1	3	2	V/5	Z
FERMAX REKTO TF-4	P	A	C	B	E	Z
FERMAX Ref. 2044, 20440, 21100	1	2	3	6	4	E
FRINGE	2	3	1	6	4	Z,E
GAME	P	2	3	1	Z	Z
GIRO	2	3	1	6	4	Z
GOLMAR	X	M	A	S	N	Z,E
GOLMAR	C2	5	3	10	7	E
GOLMAR	11	5	3	4	12	Z
GOLMAR T-600	T	1	3	2	6	Z
GOLMAR T-2800	4	5	3	10	7	Z
LT TERRANEO	T1	1	3	2	6	Z
OSTEL VI	9	2	6	1	7	Z
PORMAT	4	3	2/5	1	v	Z
RIPOLLES	3	1	8	2	4	Z
RITTO ELEGANT 40518	11	12	13	15	14	E
SAFNAT	4	1	2	3	v	Z
SEITI	5	1	3	2	6	Z
SIEDLE HT-611-01	I	12	9/C	11	7	Z
SIEDLE HT-311	Configuration subject to consultation					
SPRINT	%	1	3	2	6	Z
STR NH200	1	M	O	T	S	Z
STR NH205	1	M	O	T	S	E
SKS 2500	5	1	3	2	6	Z
TAGRA	8	2	6	1	4	Z
TEGUI GL	3	4	2	5	1	Z
TEGUI HORIZON (Zumbador)	3	4	2	5	1	Z
TEGUI HORIZON (LL Electronica)	3	4	2	5	1	E
TELEVES	4	2	3	1	T	Z
TESLA DDZ 85	1	2	3	6	4	Z
TESLA DDZ 93	Z	2	3	6	4	Z
TUNE	8	2	6	1	4	Z
URMET	8/9	2	11	1	7	Z
URMET	9	2	6	1	7	Z
VIDEX	5	1	7	2	6	Z
YUS PHON	EL	T	-	R	B/PT	Z



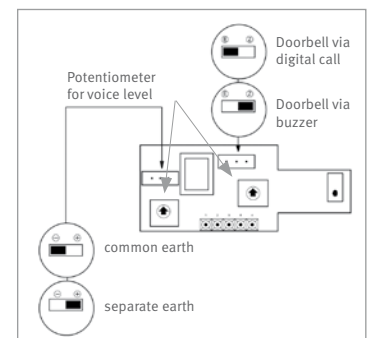
HT8039

– Universal telephone: compatible with almost all 4-wire intercom systems

Dimensions: 86 x 228 x 55 mm

Article No.	Description
800668	8039 Universal telephone

Jumper



Jumper J1 always has to be in minus position „-“

Set house telephone series HT926-S-2

SKS 1+n audio sets are available for up to 12 apartments. Due to its easy mounting and installation this set is particularly suited for modernizing your building project.

A flat (only 18 mm project from the wall), well-designed surface-mounted door station from aluminum has been used. LED illumination as well as a 4 mm thick front plate characterize this vandalism-proof door station.

Available in silver anodized or RAL 9016 (standard white).

The set consists of:



Intercom 1+n technology
(article number HT926), white color



Door station in elegant design
(aluminium silver anodized material,
optionally also available in RAL 9016 white)

Including the following components:

Bestellnr.	Description	More info
800490	Door loudspeaker	Page 95
300033	Transformer	Page 95

Dimensions of stainless steel door station:

User	External dimensions
1 - 2	152 x 202 x 18 mm
3 - 10	152 x 292 x 18 mm
12	152 x 336 x 18 mm



Aluminum silver anodized

User	Article No.	Description	External dimensions
1	800526	Set HT926 (receiver), 1 column	152 x 202 x 18
2	800548	Set HT926 (receiver), 1 column	152 x 202 x 18
3	800554	Set HT926 (receiver), 1 column	152 x 292 x 18
4	800560	Set HT926 (receiver), 1 column	152 x 292 x 18
5	800566	Set HT926 (receiver), 1 column	152 x 292 x 18
6 (2 x 3)	800572	Set HT926 (receiver), 2 columns	152 x 292 x 18
8 (2 x 4)	800578	Set HT926 (receiver), 2 columns	152 x 292 x 18
10 (2 x 5)	800536	Set HT926 (receiver), 2 columns	152 x 292 x 18
12 (2 x 6)	800542	Set HT926 (receiver), 2 columns	152 x 336 x 18

Aluminum RAL 9016 standard white

User	Article No.	Description	External dimensions
1	800525	Set HT926 (receiver), 1 column	152 x 202 x 18
2	800547	Set HT926 (receiver), 1 column	152 x 202 x 18
3	800553	Set HT926 (receiver), 1 column	152 x 292 x 18
4	800559	Set HT926 (receiver), 1 column	152 x 292 x 18
5	800565	Set HT926 (receiver), 1 column	152 x 292 x 18
6 (2 x 3)	800571	Set HT926 (receiver), 2 columns	152 x 292 x 18
8 (2 x 4)	800577	Set HT926 (receiver), 2 columns	152 x 292 x 18
10 (2 x 5)	800535	Set HT926 (receiver), 2 columns	152 x 292 x 18
12 (2 x 6)	800541	Set HT926 (receiver), 2 columns	152 x 336 x 18

Announcement system for a fire alarm

Targeted information may help to save lives but noise protection windows and doors allow for very little speaker information to reach the residents inside their apartments. In case of a fire this information from the fire brigade may actually save lives!

SKS therefore uses a well-established BUS intercom also as an announcement system for emergencies. For this it is not necessary to answer a call on the intercom system. Should you require more information on the features, prices and technology of this system please contact our technical service or sales personnel. Documents will also be sent to you upon request.

Features

In an emergency the fire brigade may use the fire announcement unit (in German FDE) to send an alarm call (siren or gong) and give the respective instructions. The FDE unit is integrated into a well-designed aluminum panel (also available in stainless steel), available as flush-or surface mounted model and rated IP44.

The announcement is accomplished with priority circuit in the individual apartments via the SKS intercom system or additional speakers.

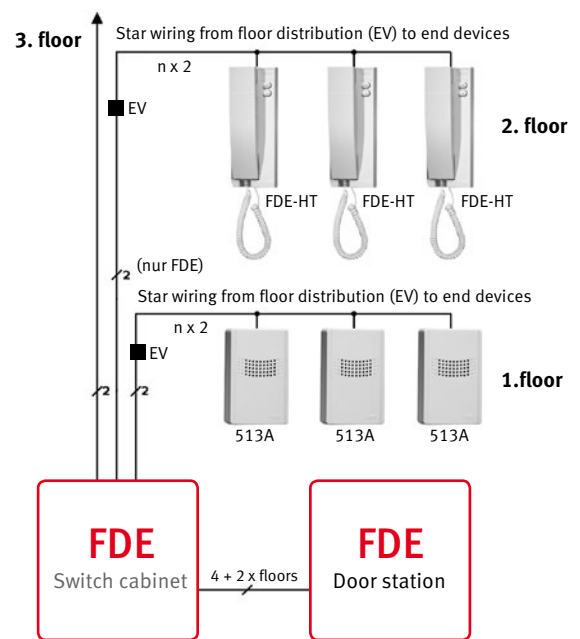
FDE collective call

A simultaneous call to all end devices, respectively apartments, is possible but also floors may be called. FDE collective call requires a separate amplifier for each ringing group in the switch cabinet.

Security

To avoid malfunction due to short circuits there is one floor distributor (in German EV) for each group or floor. Wiring from this floor distribution is accomplished in star configuration to the end devices.

Block diagram **FDE collective call (fire announcement)**



(all wires at least 0.8 mm diameter – cable halogen free)

700045 (20.0.00.B)

- standard 8 - 14 VAC/DC, 12 Ohm
- without strike plate
- asymmetrical

700044 (30.1.03.B)

- standard 8 - 14 VAC/DC, 12 Ohm
- with adjustable latch and long strike plate
- symmetrical

700043 (31.1.03.B)

- see above but with mechanical release
- symmetrical

700046 (30.1.00.B)

- see above but with adjustable latch
- without mechanical release
- without strike plate
- symmetrical

700050 (32A.1.03.B)

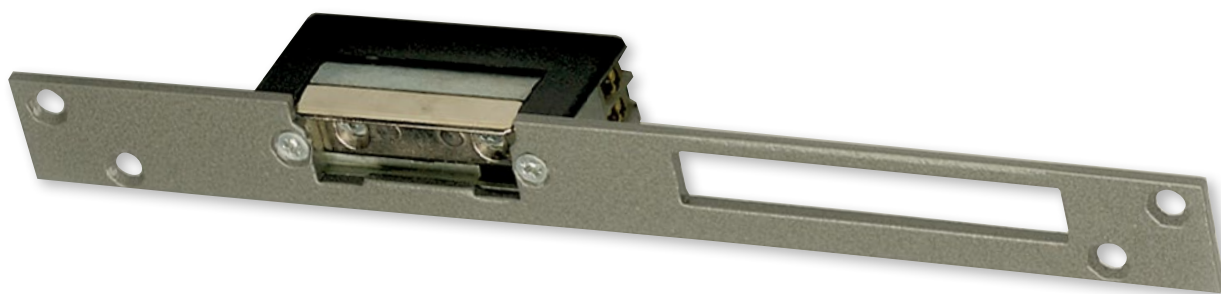
- standard door opener 8 - 14 VAC/DC, 12 Ohm
- with adjustable latch
- with internal retaining contact (leaf spring) and long strike plate
- symmetrical

700040 (30.1.03.E)

- standard 12 VAC/DC, 50 Ohm
- with adjustable latch and long strike plate
- symmetrical
- particularly suitable for housing projects with long cable runs to the door opener

700053 (24.1.01E)

- quiescent current door opener symmetrical
- without adjustable latch
- AC/DC
- 12 V, 50 Ohm



Article No.	Original article No.	Description
700045	20.0.00.B	door opener
700044	30.1.03.B	door opener
700043	31.1.03.B	door opener
700046	30.1.00.B	door opener

Article No.	Original article No.	Description
700050	32A.1.03.B	door opener
700040	30.1.03.E	door opener
700053	24.1.01E	Quiescent current door opener

Push button switch, small with micro switch

Colors: brown, crystal glass, silver and white

- 800357 (100008-b) brown
- 800358 (100008-g) crystal glass
- 800359 (100008-s) silver
- 800360 (100008-w) white

External dimension: 65 x 22 mm

Punch dimension: 62 x 18 mm



Push button switch, large with micro switch

Colors: brown and white

- 800351 (100010-b) brown
- 800352 (100010-w) white

External dimension: 75 x 22 mm

Punch dimension: 73 x 20 mm



Push button switch, small with micro switch and LED illumination

Colors: brown, crystal glass, silver and white

- 800384 – brown
- 800381 – crystal glass
- 800368 – silver
- 800362 – white

External dimension: 65 x 22 mm

Punch dimension: 62 x 18 mm



800361 (100011-1)

Push button switch with round bell button

External dimension: 74 x 24 mm

Punch dimension: 71 x 19 mm



800405 (100011-2), without illustration

Name plate inlay for article 800361#

Dimensions: 42 x 12 mm

800522 (100011-3), without illustration

Key for article 800361

800348 (100002)

Push button switch, V2A stainless steel with flat rim

External dimension: ø 22 mm

Punch dimension: ø 18 mm



800673 (100012)

V4A anti-vandalism raised contact with spring

External dimension: ø 16 mm

Punch dimension: ø 14 mm



800402 (100005)

Indented bell buttons, chrome-plated (for KINI door stations)

External dimension: ø 20 mm

Punch dimension: ø 15 mm



800383 (100036)

Light switch, silver-colored, illuminated with LED, 12 V max.

External dimension: ø 22 mm

Punch dimension: ø 16,2 mm



800363

Flat stainless steel push button switch with illuminated blue LED ring. Supply voltage 12 V max.

External dimension: ø 22 mm

Punch dimension: ø 19 mm



Article No.	Original article No.	Description
800357	100008-b	Push button switch small (brown)
800358	100008-g	Push button switch,small (crystal glass)
800359	100008-s	Push button switch,small (silver)
800360	100008-w	Push button switch,small (white)
800384	-	Push button switch small (brown), with micro switch and LED illumination
800381	-	Push button switch small (clear crystal), with micro switch and LED illumination
800368	-	Push button switch small (silver), with micro switch and LED illumination
800362	-	Push button switch small (white), with micro switch and LED illumination
800348	100002	Bell button stainless steel
800402	100005	Indented bell button chrome-plated
800363	-	Stainless steel push button with LED illuminated ring

Article No.	Original article No.	Description
800351	100010-b	Push button switch,large (brown)
800352	100010-w	Push button switch,large (white)
800361	100011-1	Push button switch with round bell button
800405	100011-2	Name plate inlay for article 800361
800522	100011-3	Key for article 800361
800673	100012	V4A raised contact
800383	100036	Light switch silver

800412 (100015)

Name plate holders for anti-vandalism
Door stations, to be changed from the back

Punch dimension: 55 x 18 mm



800406 (100016), without illustration

Name plate inlay for article 800412

Dimensions: 59 x 18 mm

800413 (100025)

Name plate holders for anti-vandalism door
stations, to be changed from the front

Punch dimension: 55 x 18 mm



800408 (100026), without illustration

Name plate inlay for article 800413
and 800746

Dimensions: 52 x 15 mm

800414 (100031)

Name plate holders for anti-vandalism door
stations, to be changed from the front
(not flush)

External dimension: 59 x 23 mm

Punch dimension: 57 x 20 mm



800409 (100032), without illustration

Name plate inlay for article 800414

Dimensions: 49 x 13 mm

800746

Universal name plate holders for anti-vandal-
ism door station with 1 - 4 mm thick panels,
to be changed from the front

Dimensions: 55 x 18 mm



901193

Name plate holders for Basic Line series

Punch dimension: 70,3 x 20 mm



901297 Name plate inlay for article 901193 (can be replaced from front)

Dimensions: 65,5 x 16 mm

Article No.	Original article No.	Description
800412	100015	Name plate holders for anti-vandalism door st.
800406	100016	Name plate inlay for article 800412
800413	100025	Name plate holders for anti-vandalism door st.
800408	100026	Name plate inlay for art. 800413 a. 800746
800414	100031	Name plate holders for anti-vandalism door st.
800409	100032	Name plate inlay for article 800414
800746	-	Universal name plate holders
901193	-	Name plate holders for Basic Line series
901297	-	Name plate inlay for article 901193, white
901325	-	Name plate inlay for article 901193, black

800410 (100017)

Name plate holders for KINI door stations

External dimension: 60 x 21 mm

Punch dimension: 56 x 16 mm



800407 (100018), without illustration

Name plate inlay for article 800410

Dimensions: 55 x 13 mm

800415 (100028)

Name plate holders for KINI door stations,
with access flap in back

External dimension: 61 x 22 mm

Punch dimension: 58 x 16 mm



800602 (100033)

Tandem name plate holders,
to be changed from the back

Dimensions: 81 x 18 mm



800601 (100034), without illustration

Tandem name plate inlay

Dimensions: 84 x 18 mm

800411 (100035)

Name plate holders with name plates
for JU letter box system

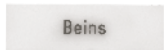
External dimension: 67 x 22 mm

Punch dimension: 60 x 19 mm



800214 / 800215 / 800216

Engraved name plate
1- to 3-line engravings possible



!

removal tools see page 97

Article No.	Original article No.	Description
800410	100017	Name plate holders for KINI
800407	100018	Name plate inlay for article 800410
800415	100028	Name plate holders for KINI
800602	100033	Tandem name plate holders
800601	100034	Tandem name plate inlay
800411	100035	Name plate holders for JU
800214	-	Engraving 1 line
800215	-	Engraving 2 lines
800216	-	Engraving 3 lines

Article No.	Original article No.	Description
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Video door station 2-wire and 6-wire BUS

100008	FS-ilvetro-V-w-com/2	il vetro Comfort, 2-wire technology, white
100006	FS-ilvetro-V-s-com/2	il vetro Comfort, 2-wire technology, black
100014	FS-ilvetro-V-w-com 6-wire	il vetro Comfort, 6- wire technology, white
100012	FS-ilvetro-V-s-com 6-wire	il vetro Comfort, 6- wire technology, black
800051	4505-VB-s/w-w-K	black/white BUS monitor, surface-mounted, 6-wire video technology, white

Audio door stations 2-wire BUS

800078	HT4500-3	Audio BUS telephone 3 keys, Only available with mute function, see art. no. 800079
800079	HT4500-3-MS	Audio BUS telephone 2 keys, with mute function, white
800080	HT4500-3-FDE	Audio BUS telephone 2 keys with FDE function (emergency), Only available with mute function, see art. no. 800081
800081	HT4500-3-MS-FDE	Audio BUS telephone 2 keys, with mech. mute and FDE (emergency) function, white
800082	HT4500-4-MS	Audio BUS telephone 4 keys, with mute function, white
800759	HT4500-3-MS-ATÖ call on	Audio BUS telephone 2 keys, with mute and automatic door opening function (ringtone on), white
800760	HT4500-3-MS-ATÖ call off	Audio BUS telephone 2 keys, with mute and automatic door opening function (ringtone off), white

BUS accessories




800147	513-A	Emergency announcement speaker FDE, white
300048	4808-4503	Control module 4808 in housing of control module 4503
300027	4808-4001	Control module BUS technology, as board for installation in sets with AP18 door station for up to 2 apartments
300052	4808-4001 ab 3 WE	Control module BUS technology, as board for installation in sets with AP18 door station starting from 3 apartments
97503500	-	ML set for il vetro COMFORT door station
300011	4501-S	BUS driver for up to 48 apartments
300012	4501	BUS driver for up to 96 apartments
300036	4502-850	Transformer for video devices
300059	754-V2	Video power supply 6-wire video
30005901	-	Video power supply 4 cameras 6-wire video
30005910	-	Video power supply 8 cameras 6-wire video
800661	755-V	Door switch for 6-wire video technology starting with 4 entrances
300016	4813-V2	Floor controller
300009	4803	BUS driver for up to 48 apartments
300023	SIP06	Switch interface
300019	LSI06	Light signal interface
800776	-	Storage battery FDE (emergency) and access control devices

BUS series 942D (2203)

800250	HT942D	House telephone 2-D BUS, series VX2000, white
800156	VX2203D	Integrated speaker with amplifier

Article No.	Original article No.	Description
1+n technology series HT7105		
800233	HT7105-MS	House telephone 1+n, series HT7105, white
800072	7100	Door speaker 1+n
800073	7100-ML	Door speaker 1+n, with external microphone and speaker
800423	7110-P	Power supply
1+n technology series HT925 / HT926		
800232	HT925	House telephone 1+n for parallel connection, white (dimensions: 86 x 228 x 55 mm)
800229	925-S-2	House telephone 1+n Available only with mute function, see art. no. 800234
800234	HT925-S-2-MS	Haus telephone 1+n, with mute function, white
800235	HT925-S-2-MSP	House telephone 1+n, with mute function and potentiometer for volume regulation, white
800240	HT925-S-2-MS-TÖ	House telephone 1+n technology, with mute function and automatic door opener, white
800231	HT926	House telephone 1+n for parallel connection, white (dimensions: 82 x 195 x 33 mm)
800238	HT926-S-2-MS	House telephone 1+n , with mute function, white
800651	835-2	Door speaker 1+n
800653	835-2-ML	Door speaker 1+n, with external microphone and speaker
800490	835-3	Door speaker board 1 + n, for installation in 1+n set
Accessories 1+n-Technology		
300045	512-A	Additional speaker
300033	322	Transformer
800141	2503-10	Diode matrix up to 10 parties
800142	2503-14	Diode matrix up to 14 parties
800143	2503-20	Diode matrix up to 20 parties
800518	SIP05	Switch interface (for HT925 series)
300023	SIP06	Switch interface (for HT926 and HT7105 series)
300019	LSI06	Light signal interface (for HT926 and HT7105 series)

Article No.	Original article No.	Description
Intercom series GF/GV		
800367	LS1	Speaker installation kit in housing 16 Ohm / 1 W
800723	GF30-white	Intercom GF30, white
800740	GV33-2	Central amplifier with control electronics
800430	1109(GT3182)	Power transformer for switchboard installation or surface-mounting
800729	GF55-white	Intercom GF55
800739	GV55	Central amplifier with control electronics
800429	1035(ST3630)	Power transformer for switchboard installation or surface-mounting
800365	LS2	speaker (speaker installation kit in housing 16 Ohm / 1 W)
800726	GF40-white	Intercom GF40, white
800743	GF40/S-white	Intercom GF40 with buzzer, white
800737	GV44-2	Central amplifier with control electronics
800738	GV44-3	Central amplifier with control electronics (3-wire technology)
800218	1030	GV46 central amplifier
800197	1031	GF 46 intercom, white
800200	1032	GF 46 intercom, with buzzer, white
800605	GF-H-white	Button with receiver symbol for GF series, white
800608	GF-S-white	Button with key symbol for GF series, white
Door stations 3+n technology HT3500		
800266	3500-1-MS	House telephone 3+n, audio privacy and mute function
800265	3500-1-S-MS	House telephone 3+n, audio privacy and mute function, with buzzer
800267	3500-1-MS-P	House telephone 3+n, audio privacy and mute function and potentiometer
800680	1103-1.1	Amplifier for SKS HT3500-1 (3+n)

Article No.	Original article No.	Description	
Removal tools, screws, keys			
800008	100024	2-hole screw	
800009	100021	2-hole wrench	
800632	100022-16	TORX screw M4, length 16 mm	
800634	100022-25	TORX screw M4, length 25 mm	
800635	100022-30	TORX screw M4, length 30 mm	
800637	100022-40	TORX screw M4, length 40 mm	
800638	100023	TORX screw M5, countersunk screw, 20 mm	
800640	100019	TORX wrench M4	
800164	100030	Removal tool for article 800413, 800414, 800746 and 901193	
800165	100030-COMFORT	Removal tool for COMFORT	
800781	-	Opening tool for Basic Line door stations	
Letter box locks / letter box keys			
800763	-	Letter box cylinder lock with flat front surface, with 2 keys	
800764	-	Letter box cylinder lock reinforced version, with 2 keys	
800109	100041	Letter box key for JU standard cylinder lock (3 or 4 digit number/ letter combinations, starting with B) Please specify when ordering if 2 keys are required!	
800110	100042	Letter box key for reinforced JU standard cylinder lock (4 digit number starting with 0) Please specify when ordering if 2 keys are required!	
Other products			
800650	1029	TÜ1 door switch device for all amplifiers of the GV series and amplifier 1105 (PC8)	
800227	1147-3H	House call module (signal tone generator for ZV 1103/1.1)	
800377	2504	LED board, with 3 LEDs, price per column, available with blue or green LEDs	
800089	D47U	Control panel with integrated radio	

I. General provisions

- a) Our deliveries and services are provided exclusively on the basis of these general terms of business.
- b) By fulfilling the order, the other contractual party accepts our general terms of business, also for subsequent deliveries and services, even if the contractual party's own general terms of business are different. Our general terms of business are thus valid for all future business relations, even if these terms have not been expressly agreed upon for such future relations.
- c) Changes to our general terms of business must be agreed in writing and are only effective with the signature of our Managing Director.
- d) If we do not reply to any terms submitted by the other contractual party, this shall not be taken as an acceptance of these terms. In particular, if we do not respond to purchase orders and acknowledgement correspondence which contain any contradictory content, this shall not be taken as an acceptance of the same. Any deviation from our terms shall be regarded as a rejection of our order. If the other contractual party accepts our delivery, our terms shall exclusively apply.
- e) Our general terms of business exclude the other contractual party's purchase terms.

II. Offer and conclusion of contract

- a) Our offers are subject to change without notice and non-binding.
- b) Verbal agreements are not valid.
- c) All modifications to this contract must be made in writing.
- d) The other contractual party confirms that no other agreements or verbal agreements exist aside from this contract.

III. Prices

- a) The prices listed in our order confirmation are definitive, plus VAT at the statutory rate.
- b) Unless otherwise specified, we shall be bound to the prices specified in our offers for 30 days from the date on the offer.
- c) Prices are ex-works, from the factory in Hof.
- d) Listed prices are recommended prices and are non-binding. Consignment within Germany shall be free of delivery charges to the recipient above a net amount of EUR 150.00 and include packaging charges. Packaging for custom goods which, due to their special dimensions, must be made on a one-off basis, are billed at cost price and cannot be returned. For orders up to a net total of EUR 150.00, we charge a small quantity surcharge of EUR 6.00 net and a postage and packaging flat rate of EUR 7,90.

IV. Deliveries and delivery times

- a) Deliveries shall be made at the expense and risk of the other contractual party and are not insured ex-works, Hof.
- b) The dates and periods specified by us are non-binding, unless otherwise expressly agreed in writing.
- c) The delivery time begins with the sending of the order confirmation and after all the documents needed to execute the order, agreed down-payments and any approvals stipulated by the other contractual party have been received and registered by us. The delivery time ends on the day on which the delivery item leaves our factory or is placed into storage in the event of the delivery not being possible or if an advanced payment was not made as agreed. If the other contractual party requests a change to the order after the order confirmation has been issued, the new delivery time shall begin with the receipt of the confirmation of the change at our offices.
- d) If we are not able to meet the agreed delivery time due to a circumstance for which we are responsible, the other contractual party shall be obliged to provide a reasonable extension to the original term to enable us to make the delivery. If the delivery has not been made after this extended period has ended, the other contractual party shall be entitled to withdraw from the contract. Claims for damages are only allowed up to the original value.
- e) We shall not be held responsible for any delays in delivery and performance, even if binding dates were agreed upon, due to events which make the delivery considerably more difficult or impossible. These include difficulties in goods procurement arising after the order has been made, operational disruptions, strikes, lockouts, official directives, etc., even if the same occurs with our suppliers and sub-suppliers. They shall entitle us to delay the delivery or performance by the duration of the hindrance plus a reasonable lead time or to withdraw from the contract in full or in part on account of the part that has not been fulfilled.
- f) If the hindrance lasts longer than three months, the other contractual party shall be entitled to withdraw from the contract on account of the part that was not fulfilled, after giving a reasonable extension to the original term. No claims for damages can be made.
- g) We are entitled to provide partial deliveries and performances at any time unless this would unfairly disadvantage the other contractual party.

V. Liability for defects

- a) The goods must be inspected by the purchaser immediately after delivery. The Seller must be notified immediately of any defects identified during this inspection, in writing.
- b) In the event that we are liable for any defects, we shall choose whether to repair the parts or send out a replacement within a reasonable period of time. Should the repair or replacement be delayed, not carried out or unsuccessful, the other contractual party may demand a price reduction or withdraw from the contract at his discretion, after a reasonable notice period set by the contractual party.

Other claims by the other contractual party are excluded, especially claims for damages that did not arise in the delivered item itself, as well as consequential damages; this shall not apply where the seller must assume liability for damages in the event of wrongful intent, gross negligence or the failure to provide a promised feature.

- c) Should the ordering party's claim for damages be unsubstantiated, we reserve the right to demand compensation from the purchaser for any costs hereby incurred.

VI. Warranty

- 1. We provide a warranty for defects for which we are responsible for a period of 24 months. This comprises:
 - a) Repair to the delivered goods.
 - b) The beginning of the above period must be confirmed by providing the delivery note or invoice. The performance of services under the warranty does not constitute an extension to the warranty period.
 - c) Our liability within the terms of the warranty shall be limited to EUR 500,000 for damages to persons or property.
- 2. We can only approve a warranty claim if:
 - a) The product was used in accordance with its intended use, and was installed and maintained properly in compliance with the relevant installation and assembly instructions.
 - b) The defect was reported to us without delay.
 - c) The defective parts were sent to us for inspection upon request to allow us to ascertain the defect and how it arose.
- 3. Warranty claims are excluded
 - a) For wear and tear.
 - b) If the defect can be attributed to improper external interference.
- 4. Claims asserted by the ordering party due to necessary costs incurred for the purpose of subsequent performance, especially transportation, toll, labour and material costs, are excluded if expenses increased due to the goods being moved to a place other than the ordering party's place of business.

VII. Special provisions

- a) We reserve all proprietary rights and copyrights of designs, drawings and other documents; these may be made available to third parties only with our express approval. If the order is not issued, any documents that were created specifically for the customer must be returned unrequested.
- b) The Customer shall expressly state if he requires an estimate before repairs are to be carried out.
- c) Any warranty claims shall exclude defects caused by the other contractual party through damage, incorrect connection or handling of the goods by the same, also defects caused by wear and tear due to overstraining mechanical or electromechanical parts by not using the goods as intended.
- d) Travel time and the time needed to identify the fault shall be work time.
- e) Repair bills are to be paid immediately.
- f) When issuing a credit note, we shall deduct an amount equal to 20% of the net invoiced amount for goods that have been properly returned as agreed to cover administration costs, inspection and repackaging. An extra charge for repairs shall be charged for damaged goods.
- g) If a modification is made to customised goods which have been ordered, the costs accruing up to this point shall be applied additionally.
- h) If the other contractual party cancels the order, the same shall pay the agreed amount minus the costs saved by us due to the cancellation of the contract.
- i) We shall only be liable for deviations to the colour and properties of the raw materials and auxiliaries used in the processing of the goods to the amount of our own claims asserted against the supplier concerned. In such an event, we shall not be liable if we assign our claims against the supplier concerned to the other contractual party. We are liable as a guarantor, as long as there are no claims against the supplier due to our neglect or if such claims cannot be enforced.

VIII. Payment

- a) Unless otherwise agreed, invoiced amounts must be paid within 10 days of the invoice date minus a 2% discount on the net invoiced amount, or within 30 days of the invoice date without a discount.
 - b) We reserve the right to demand advance payment or cash on delivery before delivering the items.
 - c) No discounts shall be applied to payment by cheque or bills of exchange, which require prior agreement. The payment shall only be considered made when the cheques and bills of exchange have cleared and cannot be revoked. The other party shall be liable for all bank fees and charges; these are due immediately.
 - d) Representatives and travelling agents are not authorised to collect payment.
 - e) We shall be entitled to initially set off any payments to older debts even if the terms of the other contractual party stipulate otherwise. If fees and interest have already accrued, we shall be entitled to initially set off the payment against the fees, followed by the interest and then the principal.
- If the other contractual party culpably does not meet his payment obligations, in particular if a cheque does not clear or if he recalls payment, or if other circumstances come to our attention that cast doubt on the creditworthiness of the other contractual party, we shall be entitled to demand payment of the remaining amount owed, even if we have accepted cheques or bills of exchange. In such an event we shall also be entitled to demand advanced payments or a security. In this case we shall also be entitled to demand payment of all outstanding invoices – even those which are not yet due – to hold back goods ready for delivery and to stop work on ongoing orders. We shall also be entitled to do so if the other contractual party does not make a payment despite being issued with a warning based on this contract.

- f) The other contractual party shall only be entitled to set off, retain or reduce payment, even if notice of defects or counter claims are enforced, if the counter claims have been established in law or are not contested.

IX. Reservation of title

- The goods shall remain our property until all claims, including incidental claims, claims for damages and the clearance of cheques and bills of exchange have been paid in full. The reservation of title shall also remain in place if individual claims are incorporated into our running account and the balance has been drawn and recognised.
- The other contractual party shall be entitled to further process and sell the goods according to the following provisions:
- a) The rights of the other contractual party to process reserved goods in the ordinary course of business shall lapse if the other contractual party ceases to effect payment or if insolvency proceedings are petitioned or initiated.
 - b) If the reserved goods are processed, the other contractual party shall not claim title to the new object pursuant to Section 950 German Civil Code (BGB). The processing shall be done on our behalf without any liabilities arising for us as a result. If the reserved goods have been processed, mixed or blended with other objects, we shall acquire co-ownership of the new object in the ratio of the value of our reserved goods to the total value of the goods.
 - c) The other contractual party shall hereby assign to us the claim with all incidental rights arising from the subsequent sale of the goods, to the extent to which the goods were processed, mixed or blended, and providing that we have demanded co-ownership to the amount of our invoiced sum. In the latter case, we shall be entitled to a share of the purchase price in the relation between the invoiced sum of our reserved goods and the invoiced sum of the object for this assignment. If the other contractual party has sold the claim as part of a non-recourse factoring, he shall assign to us the receivables due from the factor in lieu of the original receivables. We shall accept this assignment.
 - d) We shall not collect on the assigned claims as long as the other contractual party meets its payment obligations. The other contractual party's authority to collect shall lapse should the other contractual party enter into arrears. In this case, the other contractual party shall authorise us to inform the purchasers of the assignment and to collect the claims ourselves.
 - e) The other contractual party shall be obliged to provide us, upon request, with a detailed statement of the claims owed to us including the name and address of the purchaser, amounts of the individual claims, invoice date, etc. and to provide us with all the necessary information for asserting the claim that was assigned to us, and to allow us to check this information. The other contractual party shall be entitled to continue collecting the claims until instructed otherwise by us.
 - f) If the value of the collateral to which we are entitled exceeds the total debt owed by the purchaser by more than 25 %, we shall be obliged to release the security collateral owed to us.
 - g) Forfeiting or assignment of the reserved goods, or the assigned claims, by way of security are not permitted. We are to be informed immediately of any pledging and the identity of the pledgee concerned.
 - h) If we take the merchandise back due to the reservation of title, this shall not constitute a withdrawal from the contract. We may dispose of the reserved goods so redeemed at our own discretion.
 - i) The other contractual party shall hold the reserved goods in safekeeping on our behalf at no charge. The other contractual party shall fully insure the goods against standard risks such as fire, theft and water damage. The other contractual party hereby assigns any compensation claims made against insurance companies or other agencies obliged to provide compensation that arise due to damages of the type mentioned above to the amount of our claims.
 - j) All claims and rights from the retention of title in all of the special forms established in these terms shall remain in force until full release from contingent liabilities which we have accepted in the interests of the other contractual party.

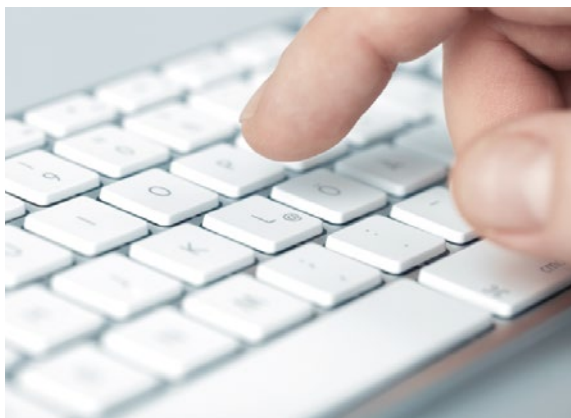
X. Limitation of liability

Compensation entitlements arising because the service cannot be rendered, because of positive violation of a claim, because of negligence when the contract has been concluded and because of impermissible actions are excluded both against us and against our employees and vicarious agents unless they are based on intent, gross negligence or the absence of promised features makes liability unavoidable. The same shall also apply for direct and consequential damages.

XI. Place of performance, place of jurisdiction

- a) The place of performance for the business relationship in its entirety, especially for delivery and payment, shall be Hof.
- b) The contractual relationship shall be subject exclusively to the laws of the Federal Republic of Germany. The same shall also apply to contracts entered into with foreign contractual parties.
- c) The place of jurisdiction shall be 56472 Hof.

Service is our highest priority!



Inquiry form

You may inquire about your customized, personal door station using our interactive form.



Training

We show you how easy it is! Do take advantage of the available trainings that are customized to your projects.



SKS Specialists

We accompany you all the way to the final, properly working door station. Well-trained SKS internal technicians are happy to assist.

Please do contact us if you have any further questions.



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