ISH1030

TC2000

ISH1030
… is a door-telephone offering 13 different ring tones for front-door, flat-door and internal calls.

TC2000
… is a series of intercom devices for which individual telephones and signal indicators as well as ring tones can be selected.

-> TCS-packages
home:packs are a high-quality offer for standard applications in the area of one-family and semi-detached houses. **pre:packs** are ideal for up to 8 residences. For further information please refer to the product catalogue.

IMM1000 and IMM1100
Audio in-house station series
· acoustic and optical distinction for front-door, flat-door and internal call
· choice of 13 melodious ring tones
· ring tone mute with optical display
· flat-door release can be activated
· functions keys ex works: configured with control function / alternate allocation e.g.: specific internal call and door release, automatic door release, redirecting

Typical field of application:
In all audio systems like living or business area and in combination with video in-house stations

IMM1000

IMM1100

VM(X)
· monitor black/white or colour with TFT-display
· Video-indoor station optional surface-mount or flush-mount with simplex of duplex communication
· based on a video system 6-wire technique
· blue coloured door release button, flat-door release can be activated
· function key to switch between different cameras
· light switch button with an alternate allocation: specific internal call or control function
· function keys ex works: configured with control function / alternate allocation: specific internal call, automatic door release, redirecting
· choice of 13 melodious ring tones
· brightness, contrast and ring tone volume / adjustable by hand
· ring tone mute with optical display
· one parallel call can be activated
· audio and video privacy functions and automatic call cut-off
· audio and video in-house stations can be combined within one system
· video signal input 1 Vpp BAS
· colour: pure white
· operating temperature range: 0°C to 40°C

Typical field of application:
In residential and business areas. Ideal component for facility automation with two control function keys

VML30

VMH30

Our layout team will work out an optimal solution also for

extraordinary tasks. We are there for you in any case. Our

technical customer service and the field technician in the

region offer comprehensive support so that a solution is

quickly at hand.

Presented by:

TCS® For patent(ed) remedies.

TCS® For patent(ed) remedies.

The compact front-door station series PAK for surface-mount and PUK for flush-mount
PAK: projection 16 mm / PUK: Front panel of 3 mm
· metal bell buttons with gold-plated and maintenance-free contacts
· win:clip™ principle
· front-door stations also available as custom-made devices with engraving and individual button placement as well as stainless steel and various anodized colours

Typical field of application:
PAK in living areas of up to 8 residences
PUK in living areas of up to 30 residences

PAK03-EN

PUK03-EN

The Comfort and Economic Front-door station series PDS/PDT and PES/PET
· projection 20 mm
· with bell button extension
· long-life and energy-saving illumination of the nameplate
· shatter-proof nameplate
· special colours: various anodized and RAL-colours

Typical field of application:
PDS/PDT for up to 8 residences
PES/PET for up to 92 residences

PES12/PET20-EN

The Compact Video Front-door Station Series PUK
· Identical features as the audio stations above

Typical field of application:
VPUK in living and business areas
one column for up to 8 residences
two column for up to 16 residences
three column for up to 24 residences

VKA10: black/white-camera for surface-mount outside
· suitable for greatly differing light conditions
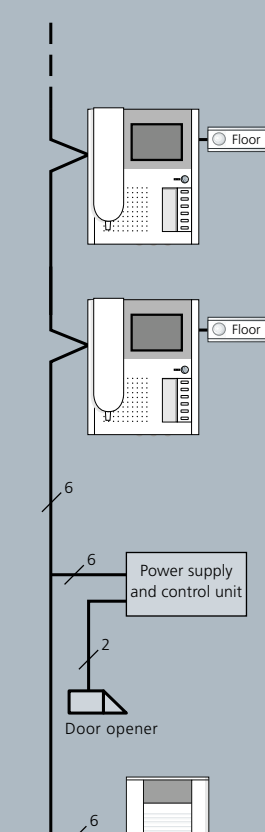· can be pivoted manually, very large pivot range

VKA10-GH/02

VPUK01-EN

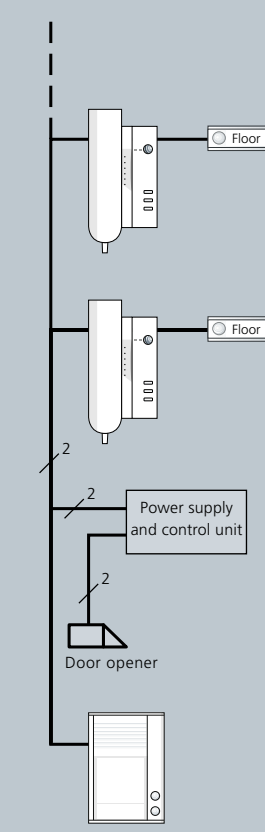**The Comfort and Economic Video Front-door Station Series VPDS and VPES**
: Identical features as the audio stations above
: projection only 20 mm with video

With bell button extension PET/PDT
Individual designs and colours available as special products

Typical field of application:
VPDS/PDT in living area for up to 22 residences
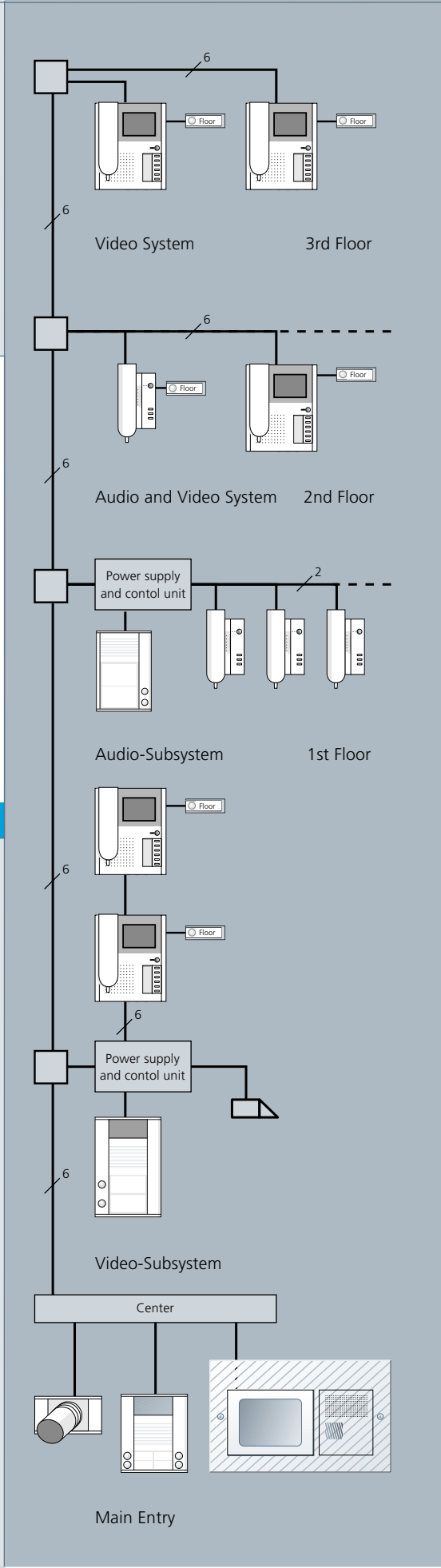VPES/PET in living area for up to 88 residences

VPDS01-EN

VPES08-EN

Front-door Stations for Building Communication
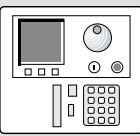
Display Front-door Station AD1
Flush-mount front-door station with a four digit 7-segment display, code lock function and a numeric dial keyboard.
Two versions are available:
: for up to 60 residents and for larger buildings with up to 200 residents
: integration of video and access control as well as mail delivery lock possible

Display Front-door Station AD2
Flush-mount front-door station with a two rows text LC-display, code lock function and a numeric dial keyboard.
: for up to 200 targets/residents
: initiation of door calls via entering a target number

Field of application:
For condominiums of all sizes and business buildings

Display Front-door Station AD3
graphic LC-display with 128 x 128 dots simple operation
optionally equipped with 16 keys keyboard or jog wheel
flush-mount with front panel 3 mm material / colour: aluminium anodized nature

Field of application:
Larger residential and business buildings

Custom Solutions
All display front-door stations can be tailored to individual customer desires with engraving, different designs, and the combination of functions, through surface finish and colour coat as well as the use of various materials.

Display Front-door Station AD4
: colour touch screen: 12.1" with large virtual key fields
: easy and intuitive operation
: multi-lingual operator guidance
: can be supplemented with modules for access control, video, danger alert, concierge call and mail delivery lock
: Information can be inserted (visiting hours, site plans)

Field of application:
Condominiums with up to 1000 residences and the sophisticated business area

AD1 with a seven-segment display

AD2 with a LC-display

AD3 with either 16 keys keyboard or jog wheel

AD4 with touch screen

Free standing Front-door Stations of the Series PSD and PSE
Call and Communication Posts:
The universally applicable call and communication posts are defined by the elegant, compact and business-like design.

: complete devices, immediately installable
: custom made variations, i.e. with 20 mm projection for surface-mount
: all components of the TCS-product range can be combined within one post
: metal case made of rugged aluminum sections
: available in various anodized colours

Typical field of application:
From an one-family house to public spaces wherever a surface-mount installation is impossible
: as call post for door communication systems
: as information displays
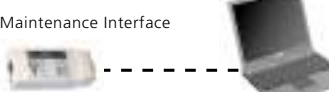: also available with video and access control

Posts PSD

Posts PSE

Modular Letter Box System cubic™
The letter box system is based on a central pillar as a carrier for the combined functions *letter box, labeling and door communication*.

The pillar has room for up to four letter boxes preside.
By stringing together several pillars as many letter boxes can be installed as desired.

Typical field of application:
All residential and business areas

cubic™ with audio front-door station

6
6
Video System   3rd Floor

6
6
Audio and Video System   2nd Floor

Power supply and contol unit   2
6
Audio-Subsystem   1st Floor

6
Power supply and contol unit
6
Video-Subsystem

Center

Main Entry

Intelligent Product Network in the **in-house System**

TCS
Extended Video Systems
A broad product range offers more security for one-family and semi-detached houses, i.e. the insertion of camera images on TV. The system is also utilized in professional facility and area surveillance (Multi camera operation).

TCS
Access Control
Whether at the garage door or at the entry to the management floor or the securing of entire building complexes – TCS always offers an adequate solution. A comprehensive solution can be implemented from the code lock to the complex and integrated transponder application.

TCS
External Networks and Systems
Networks such as telecommunication and data networks can be linked to the TCS-product system with the TCS:BUS via interface devices. Thus, functions of a TCS-system such as door call, speaking, switching, controlling and reporting can be used globally via fixed and radio networks or the internet.

TCS
House and Building Automation
Sensores and combining devices are available for the building surveillance. Fault and condition messages can be recorded in order to control technical systems via switch modules or simply to turn on the light.

TCS
Call, Report and Concierge Systems
Call systems such as concierge systems as well as alert and announcement functions can be implemented with this module. Fields of application are for instance homes for the elderly, factory master control systems.

TCS
Service
Temporary connection to the TCS:BUS.

TCS-Product Range

Video-transmitter
VZS01-EB

Video-receiver
VZE01-EB

HF-Modulator

With electrical Key
With code lock

PCitACC

User Software "access control"

TK001-SG

Telecommunication Interface

Combining device with binary input / output, single
BRE2-EB

Sensor with binary input, dual
BMN2-EB

Control console GFA000 for alerting and announcement

Concierge in-house station
PFS

Maintenance Interface

Service Device
TCSK01

Utilization Scenario

: video image on TV
: video image on PC with TV-card with communication via telecommunication system
: multi-building surveillance and communication with central door-keeper station

: individual access control with time zones and User Software
: temporary access via keys with limited validness
: provide additional security in connection with communication systems

: utilization of telecommunicaton system such as group call, mobile phone etc.
: concierge stations with day/night circuit, call redirect to mobile phone
: emergency call systems in elevators and underground parking garages

: outdoor lamps can be switched
: movement or glass fracture detectors can issue reports
: gates, doors and windows are operated, conditions are recorded and reported, and previously programmed actions are carried out

: at homes for the elderly emergency calls and announcement functions as well as acoustic room surveillance can be used.
: GFA000 lets rescue workers make announcements for groups or all residents control and telecommunication in one system

: one-man programming of bell buttons
: installation of special functions
: testing of voice communication

Deployments

Private residential area
Mixed private-business buildings
Office and business areas
Factory area with central door keeper station

Private living area in one-family home
Mixed private-business buildings
Office and production facilities
Public areas, i.e. schools, associations etc.

Private living area
Private-business buildings such as offices and doctors' rooms
Business areas, such as public buildings, factories, underground garages and multi-storey car parks

Private living area in one-family home
Mixed private-business buildings
Business areas

multi-storey car parks
point-of-sales terminals, hotel-business, homes for the elderly courts
factory areas etc.

In all TCS:BUS-systems

Additional Functions

Due to the broad product range with functional and programmable attachments for the TCS:BUS complex building communication systems can be installed. Use this freedom for custom made solutions!

Combining devices with binary input / output, single BRE2-EB and BRE2-SG

Service Products

The Service Device TCSK-01 is an optimal aid for the simple, quick and cost-saving inauguration as well as for easy maintenance of TCS-systems.

The Maintenance Package serves as a connection to the TCS:BUS. TCS-software lets you check the system or the configuration i.e. for access control, combining devices and for concierge in-house stations.

Interface **PSI-01** as part of the Maintenance Package, RS232

Service Device TCSK-01