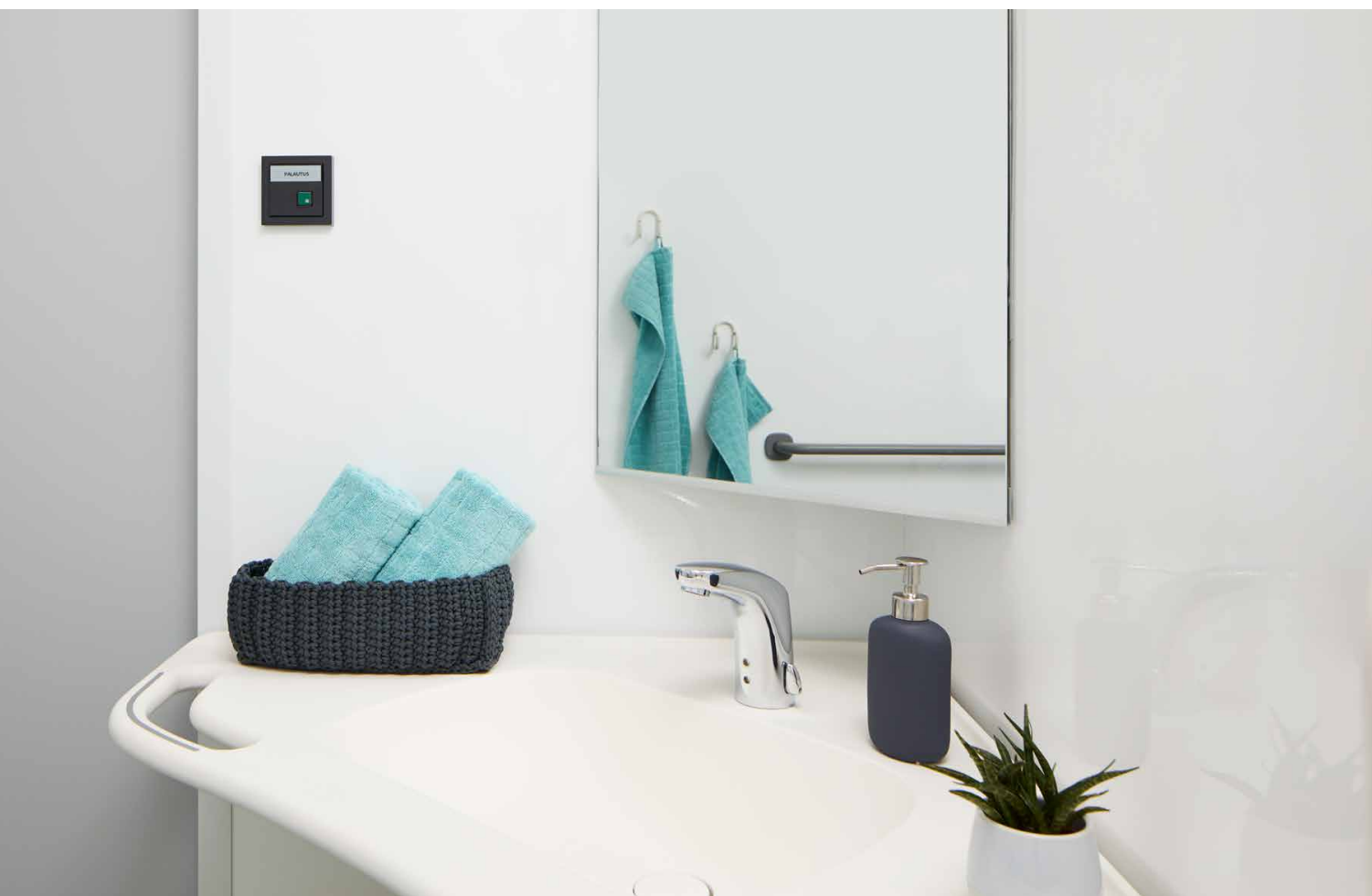


Signal Products

Easy solutions



- Applications that are always convenient and efficient
- Creating applications through various combinations of basic functions
- Can be expanded to free@home and KNX systems

**Signal products can be combined
to create the most appropriate
systems for improving safety.**

Contents

04	Introduction to Signal
06	Control units
08	Accessible Toilet alert system
10	Accessible Toilet alert system, KNX
12	Leak guard and connection to free@home
14	Office Signal
16	Assistance request system
18	Busy light function
20	Product information

Introduction to Signal

Easy solutions

Easy and affordable

ABB Signal is designed for easy and convenient installation and use, at an affordable price.

Signal products can be combined in different ways to create highly suitable systems for many different needs. The products can be used for creating service requests and Busy lighting functions in public areas such as hotels, libraries, restaurants and various reception areas. It can also be used for creating assistance systems for offices and service homes. In small areas, a water

leak alarm can be installed using a leak guard. If necessary, extension alarms can be exported to different systems such as free@home or KNX.

Our website provides more information on our products and applications. You'll find, amongst other things, a product card (HTML / PDF), downloadable CAD wiring diagrams and sample systems for each product, as well as a program for printing suitable markings.

www.installationmaterials.com



—
01



—
02



—
03



—
04



—
05



—
06



—
07



—
08

—
01 Transformer, Jussi

—
02 Control unit, single-loop, Jussi

—
03 Signal push button with pullcord, Jussi

—
04 Alarm, red, Jussi

—
05 Transformer, Impressivo

—
06 Control unit, single-loop, Impressivo

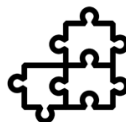
—
07 Signal push button with pullcord, Impressivo

—
08 Alarm, red, Impressivo



Reliable functionality

Signal products have an established position as operationally reliable and trustworthy choices. The range has been expanded to meet the needs of users and the products are continually renewed to ensure compatibility. Changes, expansions and maintenance can be performed without expert help, and the required spare parts are available.



Ready solutions

A signal system is easy to design, as it involves combining various basic functions. The intelligence of the system is in the control unit, which has either one or two loops. For example, buttons or switches can be connected to the loops, and the loop is terminated with a resistor. The units have a voltage output and a potential-free changeover contact, which are activated in the event of an alarm and reset with the reset button.



Easy to install

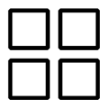
For the installation of Signal, standard telecommunications wiring is used, e.g.,

- MHS 1 x 4 x 0.5
- KLM 4 x 0.8
- KLMA 4 x 0.8 + 0.8



Ready package

Entire product sets can easily be found with their own set-specific ID numbers. The accessible toilet set is available in white in both Jussi and Impressivo ranges, and a leak guard set is available in Jussi range.



From Jussi to IMPRESSIVO®

The Jussi series of Signal is sold on a centerplate without a cover plate. All Jussi Signal products are interchangeable with products in the Impressivo series by swapping the Jussi parts with the corresponding Impressivo parts. Due to the uniform installation method, the design and color can therefore be freely chosen, for example, in the final phase of the project.



Good availability

Jussi range of Signal and interchangeable Impressivo parts are readily available from wholesalers.

Intelligent control units

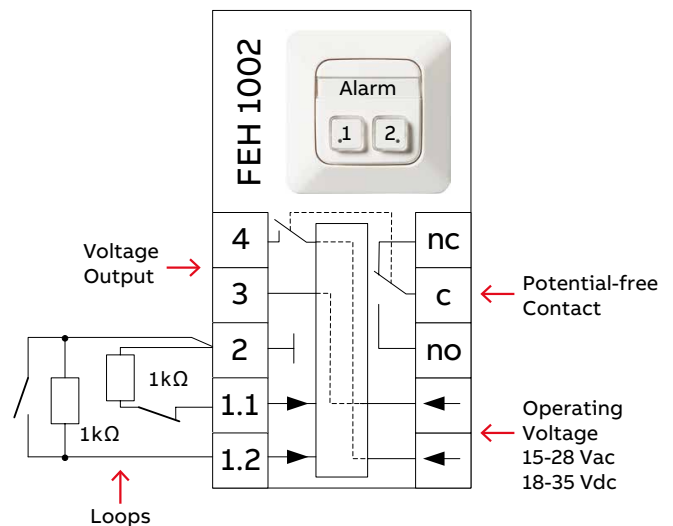


Control units act as the intelligence of Signal. Once the simple operating principle of a control unit is understood, it is clear how easily different systems can be created by combining different Signal products.

Control units operate like conventional emergency centers. There are either one or two loops in the units. The loops can be connected to buttons and switches, or any other opening or closing contacts. A terminal resistor of $1k\Omega$ is connected to the end of the loop. If a short circuit or break occurs in the loop, the control unit will detect it. The units have a voltage output and a potential-free changeover contact, both of which are activated in the event of an alarm. They can be reset to normal mode using the reset button.



When the unit is set to “ON”, the alarm remains on until it is acknowledged with the reset button. With the second function selector, the alarm delay can be set to either 0.2 or 2 seconds.



The diagram shows the FEH 2001 module with its pin configuration and connections. The module has a 16-pin connector with the following pins and labels:

- Pin 0: no
- Pin 1: c
- Pin 2: nc
- Pin 3: (unlabeled)
- Pin 4: (unlabeled)

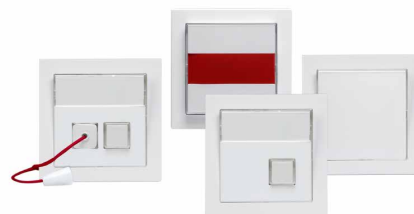
The module also has a "Reset" button and a "1kΩ" resistor. The "Reset" button is connected to pin 0. The "1kΩ" resistor is connected between pins 1 and 2. The "Voltage Output" is indicated by a red arrow pointing to pin 4. The "Operating Voltage" is indicated by a red arrow pointing to pin 3, with a label "15-28 Vac 18-35 Vdc". The "Potential-free Contact" is indicated by a red arrow pointing to pin 1, with a label "c".

Accessible Toilet alert system

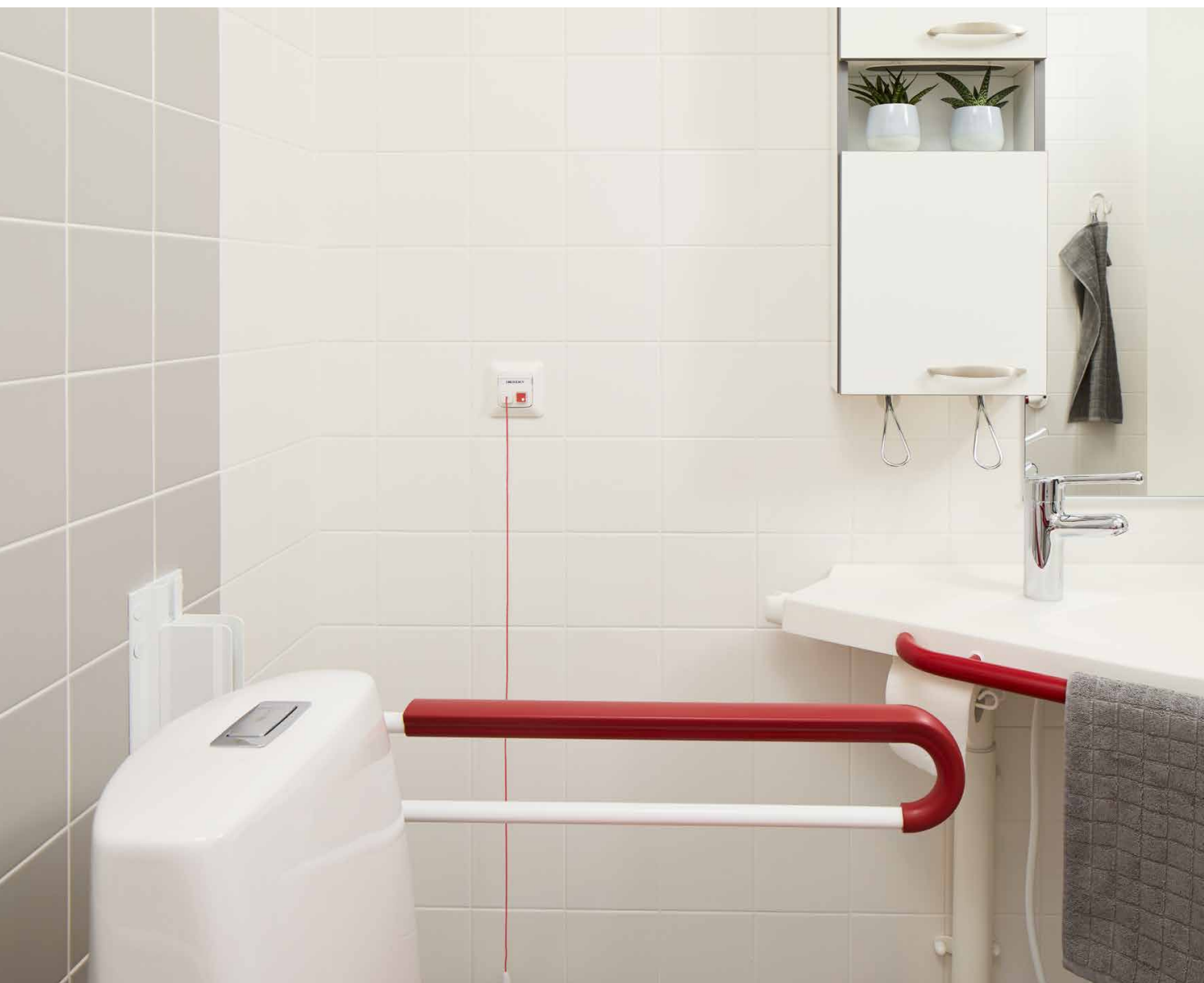
The system is designed for toilet facilities for people with reduced mobility and others in need of assistance.

—
01 Accessible toilet
products, Impressivo

When the alarm button inside the toilet is pressed, the indicator light on the wall outside the toilet will start flashing and the buzzer will sound. After pressing, another light will activate on the unit. This indicates to the user that the assistance request was made successfully. The alarm remains active until it is reset. The system can be equipped with several alarm buttons in parallel.

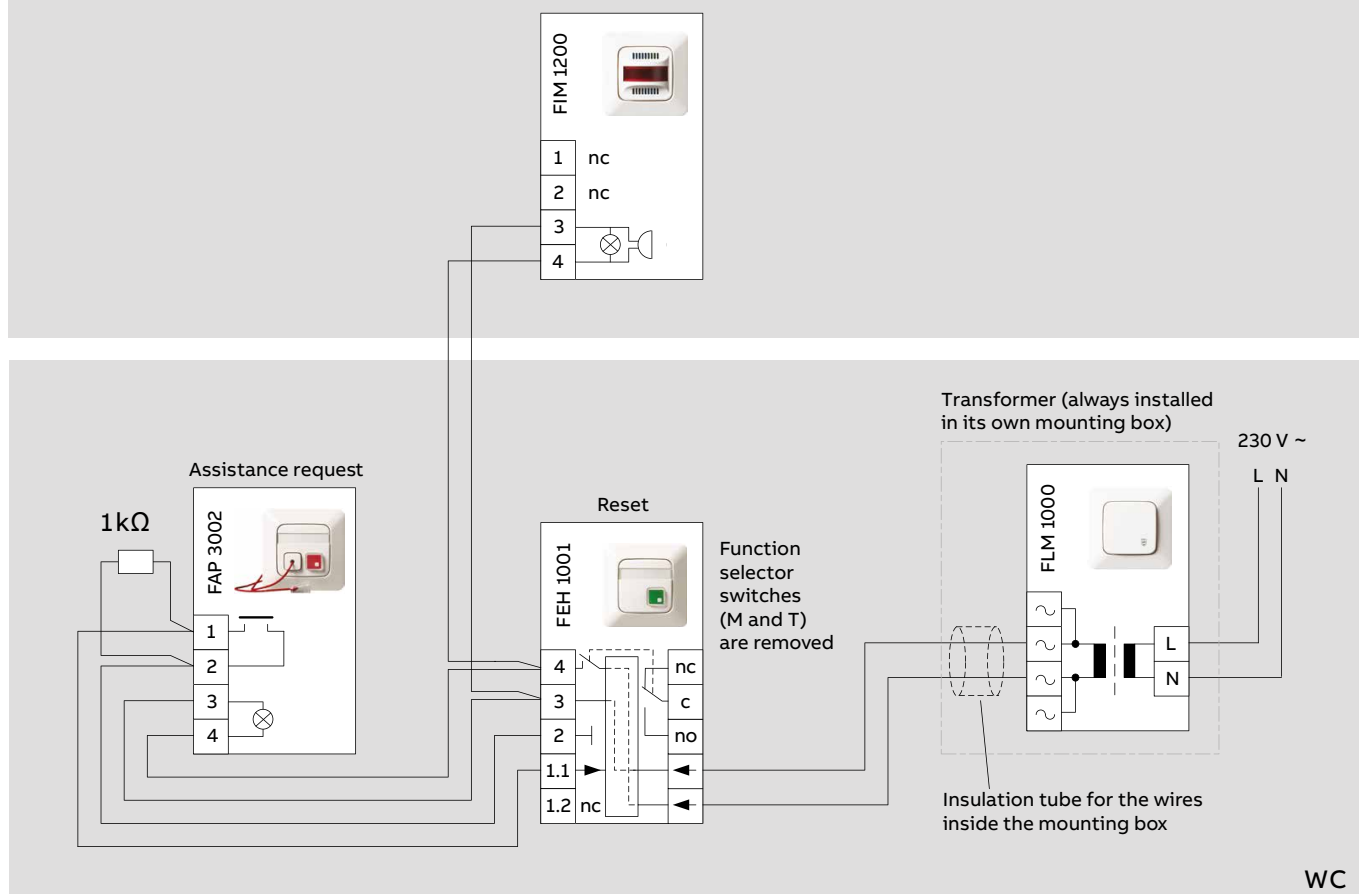


—
01





Corridor



Connecting the accessible toilet emergency call system to KNX

The system can be equipped with several alarm buttons in parallel and can be connected to KNX with a US/U2.2 input unit. This allows the separate alarm systems from disabled WCs in multiple buildings to be centralized on a single alarm panel or in the same control room.

KNX can be used with the following features:

- Busy light
- Assistance request
- Emergency alert
- Moisture detection



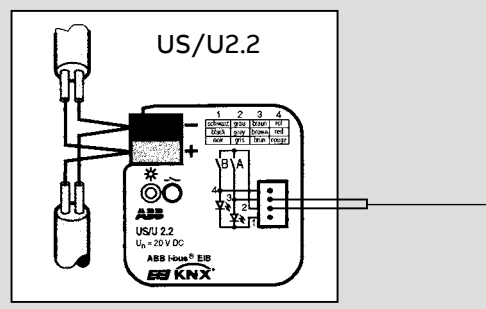
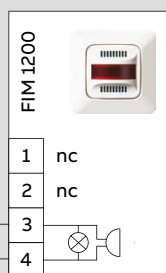
KNX has been approved in accordance with the following standards:

- European standard (CENELEC EN 50090 and CEN EN 13321-1)
- International standard (ISO/IEC 14543-3)
- Chinese standard (GB/Z 20965)
- US standard (ANSI/ASHRAE 135)

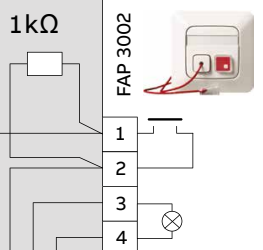




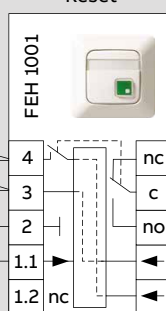
Corridor



Assistance request

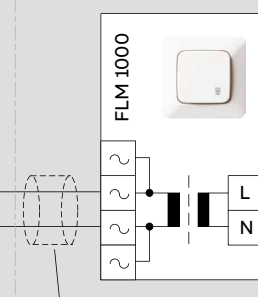


Reset



Function selector switches (M and T) are removed

Transformer (always installed in its own mounting box)



230 V ~
L N

Insulation tube for the wires inside the mounting box

Leak guard and connection to free@home home control system

Leak guards monitor water-using devices and household appliances, as well as structures with a high risk of moisture damage.



—
01 Jussi leak guard, package FJW2100. Also available in the Impressivo range.

Operation

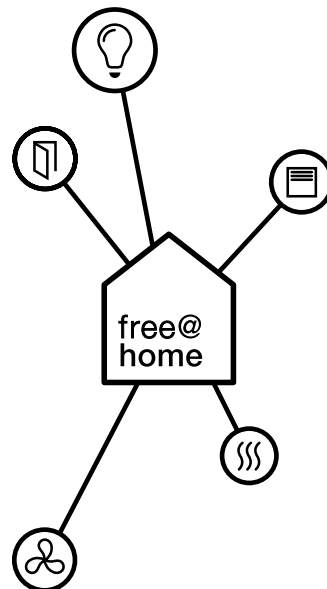
A leak guard requires a sensor, e.g., a tape sensor or a pair of wires with exposed ends attached to the monitored item. When water or moisture enters the space between the wires, the leak guard is triggered. The alarm is acknowledged with a button. The indicator light remains lit until the moisture is removed.

Automatic cut-off of water supply

A supplementary relay can be connected to the system to cause the magnetic valve of the water supply line to automatically shut off if an alarm is triggered. Alternatively, a leak guard can be connected with a BI-F-2.0.1 input unit to the free@home system. Another option is to use SA-M-8.8.1 input/output unit installed on a DIN rail. This allows the alert information to be transmitted to mobile devices.

ABB-free@home home automation system

The system can be used to control lighting, heating, situation control, blinds and awnings, and door phones. The system provides greater adaptability, comfort and safety than conventional electrical installations.



Tape sensor
FLA210.02



Alarm
FIM1200



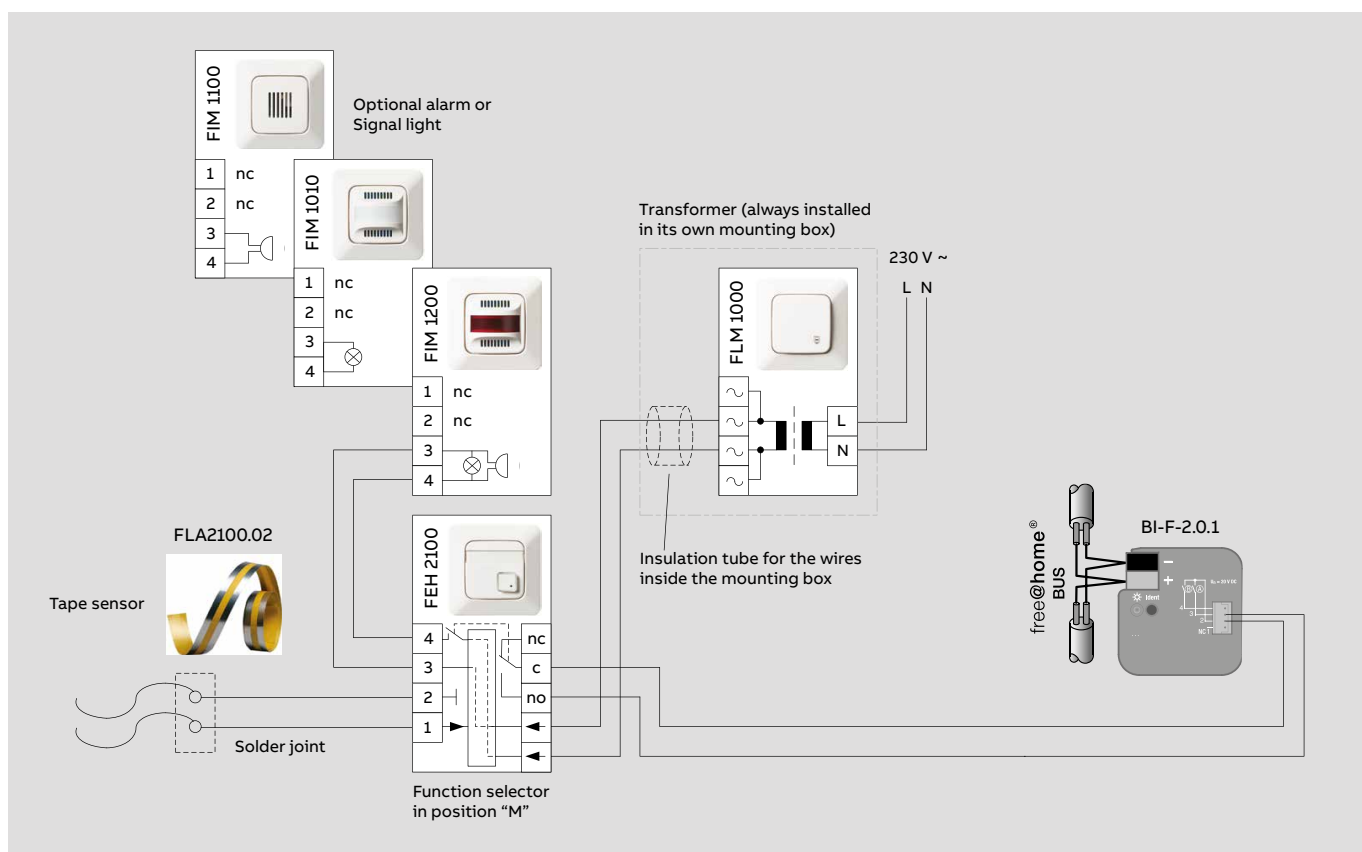
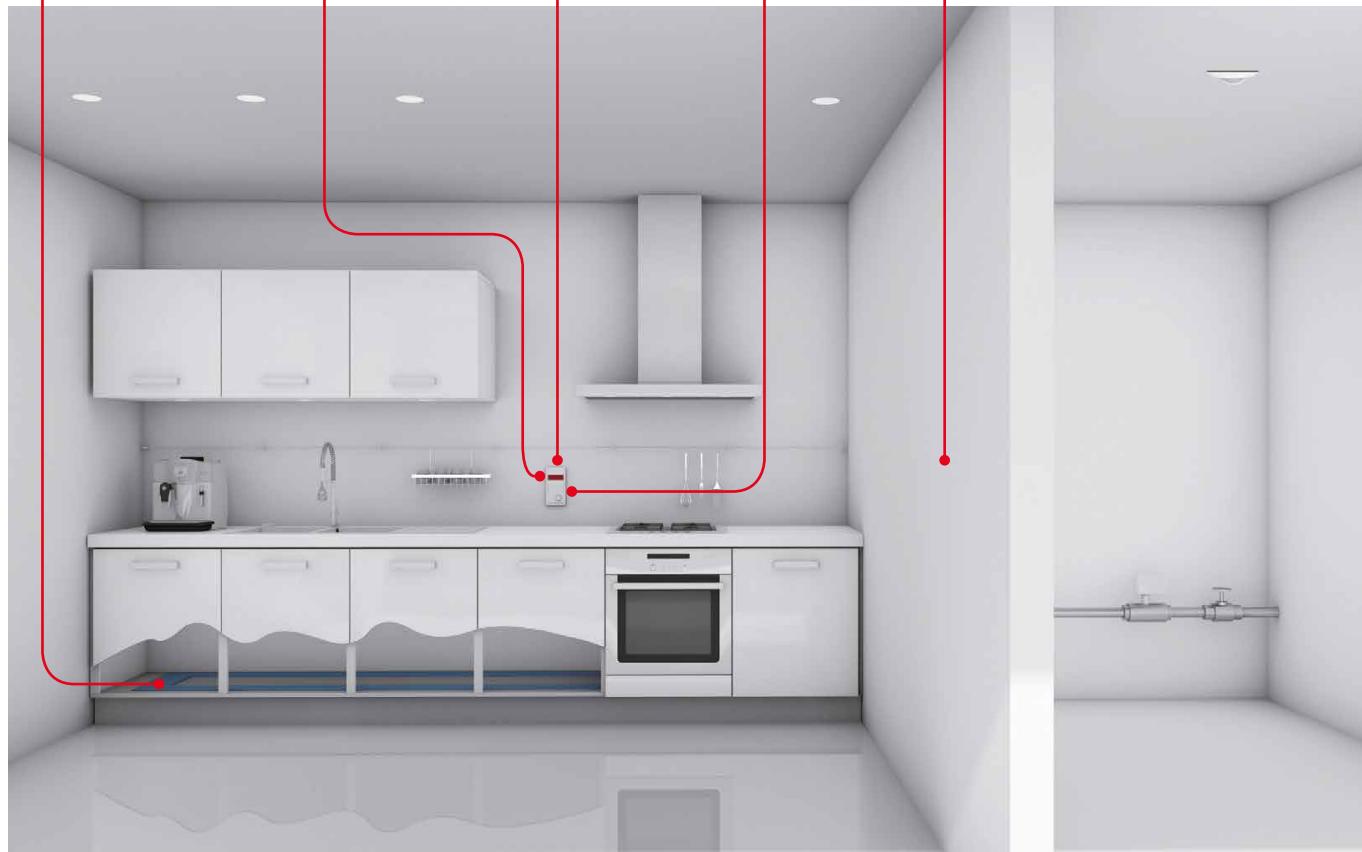
Leak guard
FEH2100



Transformer
FLM1000



Input unit
(free@home)
BI-F-2.0.1



Office Signal

The emergency alarm system is highly suitable as basic protection for employees in offices, for example social services.



Each room has two alarms, one on the inside and the other outside the room. When the alarm button is pressed in the room, a warning light is activated outside the room. Nothing happens inside the room. Simultaneously, the alarm is

sounded within the other office to alert colleagues that help is needed. The alarm is acknowledged with the reset button in the room. The alarms can also be installed in other areas as necessary.



01



02



03



04

01, 02, 03 and 04
alarms with indicator
light and buzzer



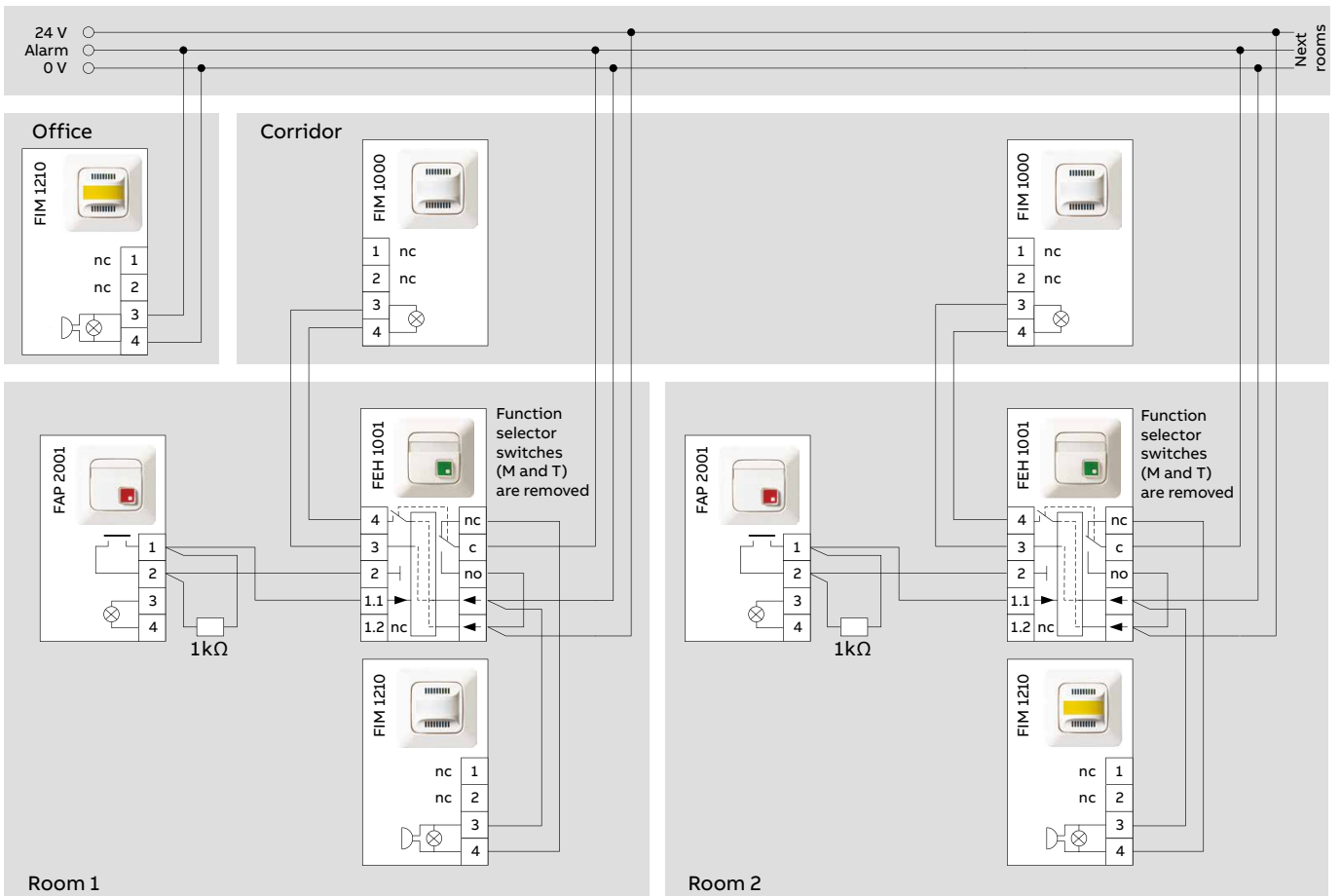
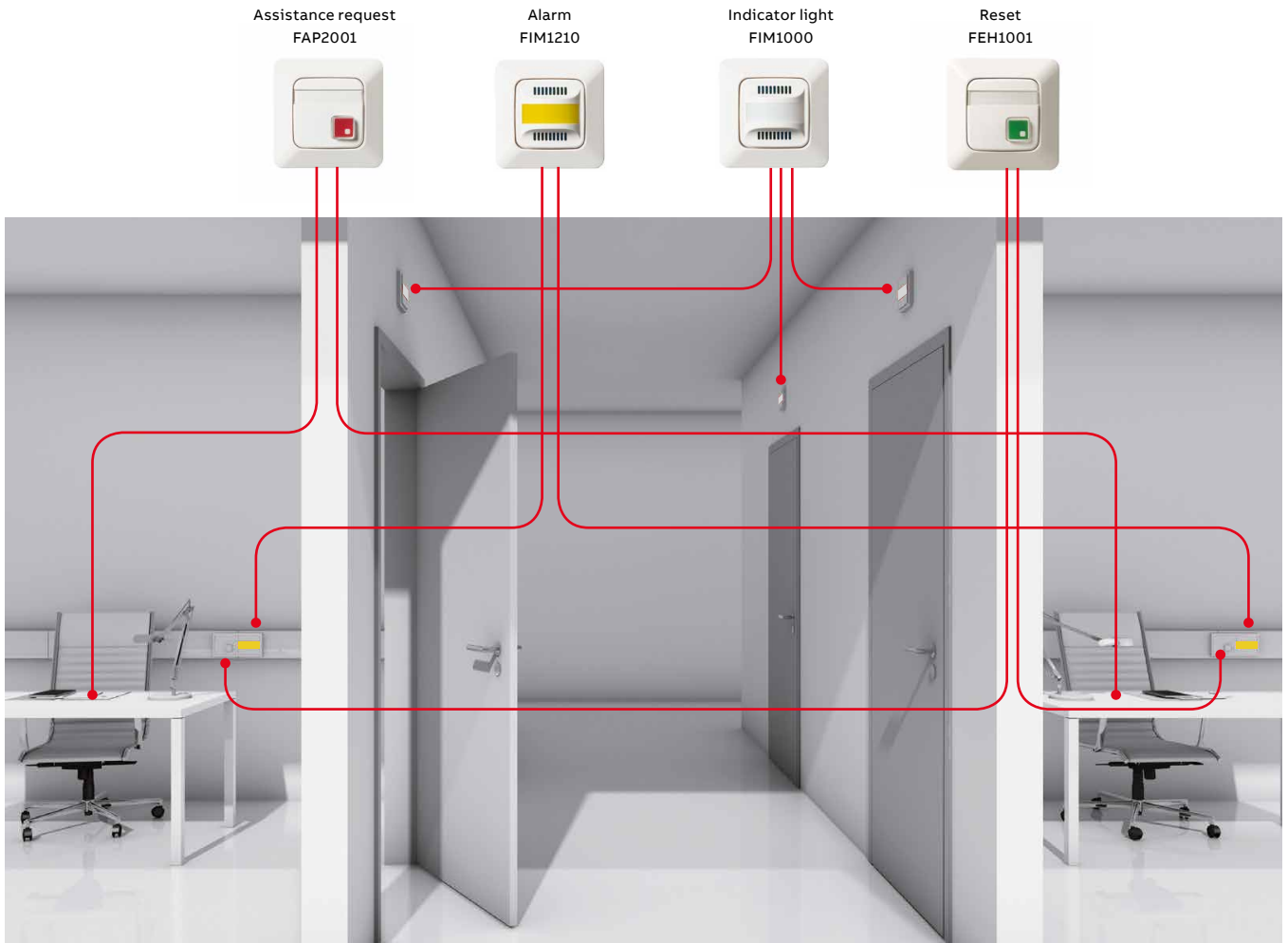
05



06

05 and 06
Indicator lights
without buzzer





Assistance request system

A request for assistance in service houses with room-specific or area-specific buttons for assistance requests.

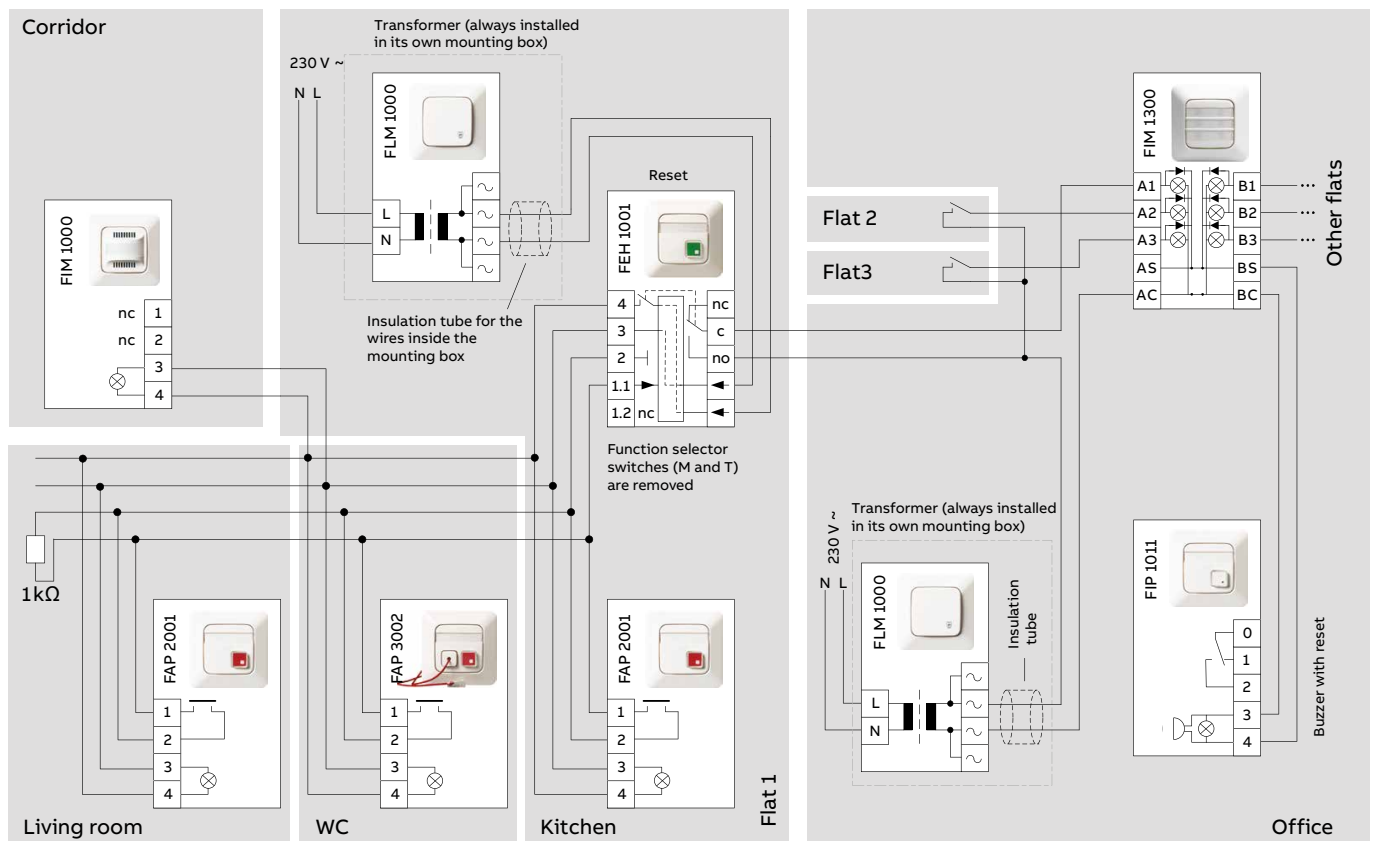
The alarm buttons are usually installed near beds, WC facilities and kitchens. The light outside the room or other space shows where the alarm was sounded. The alerts are centrally managed. When an alarm is sounded, the buzzer sounds, and the

indicator light panel indicates the location of the alert. An office buzzer can be acknowledged, but the actual alarm can only be acknowledged from the room or area it has occurred.



Office alarm panel,
Impressivo





Busy light function 24 V

These lights are used in various locations, such as offices, conference rooms and rooms where medical procedures are performed.



When the switch inside a room is pressed, the light on the wall outside the room lights up to indicate that the room is occupied. At the same time the indicator light on the switch pressed also lights up to indicate that the outside light is activated. The indicator light outside the room and the LED light in the switch are switched off by pressing the switch again. Multiple indicator lights and switches may be connected to the system if required.

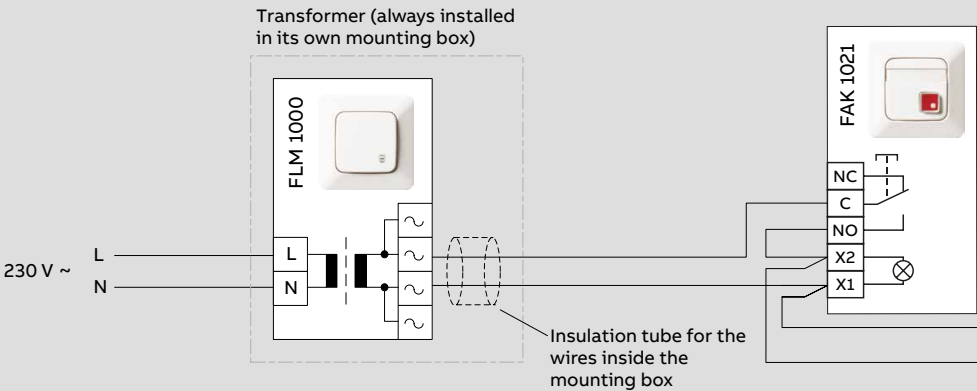
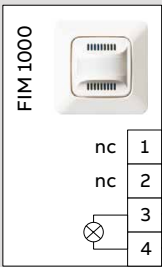


Jussi indicator light BUSY





Corridor



Conference room

Product information



Transformer

Small size transformer to be installed in a mounting box. Short circuit protected. Voltage: 230 V ac / 15 V ac. Power / loading capacity: 2,2 VA / 150 mA.

Type	EAN	Description	Package
Jussi, includes insert and center plate			
FLM1000	6410070607650	Transformer	1/10
Impressivo, center plate			
U-84	6418677330124	Center plate, blind, Impressivo, white	1/10
U-81	6418677330896	Center plate, blind, Impressivo, anthracite	1/10
U-83	6418677330902	Center plate, blind, Impressivo, aluminum	1/10

Control Units



Control Units, 1- and 2-loop

Available as 1- or 2-loop. Each loop has a LED and a cancelling/disconnecting button. The LED flashes during alarm. When cancelled/disconnected the LED lits constantly. Possibility to connect closing and opening potential free contacts. Loop controls itself against short circuits and breaks. Function selectors "M" memory ON/OFF and "T" delay 150 ms / 2,5 sec. Potential free output. Good marking possibilities. Operating voltage: 15 - 28 V ac / 18 - 35 V dc. Current consumption, FEH1001: 70 mA ac / 40 mA dc, FEH 1002: 110 mA ac / 60 mA dc.

Type	EAN	Description	Package
Jussi, includes insert and center plate			
FEH1001	6410070607117	Control Unit, 1-loop	1/10
FEH1002	6410070607124	Control Unit, 2-loop	1/10
Impressivo, center plate			
1P-84	6418677330056	Center plate, 1-fold, Impressivo, white	1/10
1P-81	6418677330681	Center plate, 1-fold, Impressivo, anthracite	1/10
1P-83	6418677330698	Center plate, 1-fold, Impressivo, aluminum	1/10
2P-84	6418677330063	Center plate, 2-fold, Impressivo, white	1/10
2P-81	6418677330711	Center plate, 2-fold, Impressivo, anthracite	1/10
2P-83	6418677330728	Center plate, 2-fold, Impressivo, aluminum	1/10



Alarm Unit, 1-loop

Operates as FEH1001, but has a bigger signal light, which flashes during alarm. When cancelled, it lits constantly. Cancelling/disconnection has its own input. When a push button/switch is connected to this terminal, the device could be cancelled/disconnected from a distance or from several points. Possibility to connect closing and opening potential free contacts. Loop controls itself against short circuits and breaks. Function selector "M" memory ON/OFF. Potential free output. Operating voltage: 15 - 28 V ac / 18 - 35 V dc. Current consumption 110 mA ac / 60 mA dc. Sound intensity/frequency: 78 dB / 2,3 kHz / 30 cm.

Type	EAN	Description	Package
Jussi, includes insert and center plate			
FEH2001	6410070607179	Alarm Unit, 1-loop	1/10
Impressivo, center plate			
V-84	6418677330100	Center plate, Signal light, Impressivo, white	1/10
V-81	6418677330834	Center plate, Signal light, Impressivo, anthracite	1/10
V-83	6418677330841	Center plate, Signal light, Impressivo, aluminum	1/10

Push Buttons



Signal Push Button

Signal Push Button with LED. Addressed / non-addressed function. Good marking possibilities. Operating voltage 9,5 - 28 V ac / 9,5 - 35 V dc. Current consumption: 20 mA ac / 10 mA dc. Switching voltage / -current / -power: 30 V ac / 35 V dc / 100 mA ac/dc / 3 VA/W.

Type	EAN	Description	Package
Jussi, includes insert and center plate			
FAP2001	6410070607216	Signal Push Button, 1-fold	1/10
Impressivo, center plate			
1P-84	6418677330056	Center plate, 1-fold, Impressivo, white	1/10
1P-81	6418677330681	Center plate, 1-fold, Impressivo, anthracite	1/10
1P-83	6418677330698	Center plate, 1-fold, Impressivo, aluminum	1/10



Signal Push Button with Cord

Signal Push Button with Cord corresponds technically to the Signal Push Button FAP2001. Length of the red Cord is 2,5 meters or 10 meters.

Type	EAN	Description	Package
Jussi, includes insert and center plate			
FAP3002	6410070607261	Signal Push Button with red Cord 2,5 m	1/10
FAP3002.PU	6438199004921	Signal Push Button with red Cord 10 m	1/10
Impressivo, center plate			
2P-84	6418677330063	Center plate, 2-fold, Impressivo, white	1/10
2P-81	6418677330711	Center plate, 2-fold, Impressivo, anthracite	1/10
2P-83	6418677330728	Center plate, 2-fold, Impressivo, aluminum	1/10



Signal push button with reset button

Push button with additional reset button. Can be used with alarm unit FEH2001.

Type	EAN	Description	Package
FAP2002	6438199005201	Push Button, 2-fold, closing contact	1/10



Signal Push Button with Stereo Plug Terminal

Signal Push Button with LED. Additional plug for 6.3 mm Jack connector (FAP9001). Addressed / non-addressed function. Good marking possibilities. Operating voltage: 9,5-28 Vac / 9,5-35 Vdc. Current consumption: 20 mA ac / 10 mA dc. Switching voltage / -current / -power: 30 V ac / 35 V dc / 100 mA ac/dc / 3 VA/W.

Type	EAN	Description	Package
Jussi, includes insert and center plate			
FAP3011	6410070607285	Signal Push Button with Stereo Plug Terminal	1/10
Impressivo, center plate			
PT-84	6418677330087	Center plate, Push button/telecom socket outlet, Impressivo, white	1/10
PT-81	6418677330773	Center plate, Push button/telecom socket outlet, Impressivo, anthracite	1/10
PT-83	6418677330780	Center plate, Push button/telecom socket outlet, Impressivo, aluminum	1/10



Stereo Plug Terminal

Stereo Plug Terminal is used for 6.3 mm Jack connector (stereo). It can be used in calling and alarm systems as a socket outlet for connecting the Wire Push Button FAP9001, or as a headphone or loudspeaker terminal. Good marking possibilities.

Type	EAN	Description	Package
Jussi, includes insert and center plate			
FOT3103	6410070608633	Stereo Plug Terminal for 6,3 mm Jack Plug	1/10
Impressivo, center plate			
T-84	6418677330094	Center plate, Telecom socket outlet, Impressivo, white	1/10
T-81	6418677330803	Center plate, Telecom socket outlet, Impressivo, anthracite	1/10
T-83	6418677330810	Center plate, Telecom socket outlet, Impressivo, aluminum	1/10



Wire Push Button

Push Button with 6.3 mm Jack plug (stereo). Closing contact. Length 2 m.

Type	EAN	Description	Package
FAP9001	6410070607308	Wire Push Button with 6,3 mm Jack Plug	1/10



Button / Buzzer

A device including a push button as well as a buzzer. The LED of the push button and the buzzer operates in parallel. The buzzer can be cancelled with the push button. In alarm position the LED flickers. When cancelled it lights constantly till the alarm goes off. Good marking possibilities on the push button and the name plate. Operating voltage 9,5 - 28 V ac / 9,5 - 35 V dc. Current consumption: 45 mA ac / 25 mA dc. Load capacity of the switch: 100 mA ac/dc, 30 V ac / 35 V dc

Type	EAN	Description	Package
Jussi, includes insert and center plate			
FIP1011	6438199005225	Button / Buzzer, 1-fold	1/10
Impressivo, center plate			
1P-84	6418677330056	Center plate, 1-fold, Impressivo, white	1/10
1P-81	6418677330681	Center plate, 1-fold, Impressivo, anthracite	1/10
1P-83	6418677330698	Center plate, 1-fold, Impressivo, aluminum	1/10

Signalling Devices



Signal Lights

Device with LED signal light. Opal lense. Operating voltage of LED's: 9,5 - 28 V ac / 9,5 - 35 V dc. Current consumption: 60 mA ac / 30 mA dc.

Type	EAN	Description	Package
Jussi, includes insert and center plate			
FIM1000	6410070607513	Signal Light, red	1/10
FIM1010	6410070607605	Signal Light, yellow	1/10
FIM1020	6418677330131	Signal Light, green	1/10
FIM1030	6418677332005	Signal Light, white	1/10
Impressivo, center plate			
V-84	6418677330100	Center plate, Signal light, Impressivo, white	1/10
V-81	6418677330834	Center plate, Signal light, Impressivo, anthracite	1/10
V-83	6418677330841	Center plate, Signal light, Impressivo, aluminum	1/10



Buzzer

Two audio frequencies available. Volume adjustment possible. Operating voltage: 9,5 - 28 V ac / 9,5 - 35 V dc. Current consumption: 40 mA ac / 20 mA dc. Sound intensity / frequency: 70 dB / 250 Hz or 70 dB / 750 Hz (intensity measured at 30 cm distance). Full sound intensity when operating voltage at least 15 V ac or 18 V dc.

Type	EAN	Description	Package
Jussi, includes insert and center plate			
FIM1100	6410070607612	Buzzer	1/10
Impressivo, center plate			
U-84	6418677330124	Center plate, blind, Impressivo, white	1/10
U-81	6418677330896	Center plate, blind, Impressivo, anthracite	1/10
U-83	6418677330902	Center plate, blind, Impressivo, aluminum	1/10



Alarm Unit

Alarm Unit with flashing LED light and interrupting sound. Operating voltage: 9,5 - 28 V ac / 9,5 - 35 V dc. current consumption: 60 mA ac / 30 mA dc. Sound intensity / frequency: 78 dB / 2,3 kHz (intensity measured at 30 cm distance). Sound disconnectable.

Type	EAN	Description	Package
Jussi, includes insert and center plate			
FIM1210	6410070607636	Alarm Unit, yellow	1/10
FIM1200	6410070607520	Alarm Unit, red	1/10
Impressivo, center plate			
V-84	6418677330100	Center plate, Signal light, Impressivo, white	1/10
V-81	6418677330834	Center plate, Signal light, Impressivo, anthracite	1/10
V-83	6418677330841	Center plate, Signal light, Impressivo, aluminum	1/10



Signal Panel

Could be used as an 3/6 points alarm receiving panel in calling and alarm systems. With 6 red LED's. Good marking possibilities. Operating voltage: 12 - 24 V ac/dc.

Type	EAN	Description	Package
Jussi, includes insert and center plate			
FIM1300	6410070607537	Signal Panel	1/10
Impressivo, center plate			
6V-84	6418677330117	Center plate, signal panel, Impressivo, white	1/10
6V-81	6418677330865	Center plate, signal panel, Impressivo, anthracite	1/10
6V-83	6418677330872	Center plate, signal panel, Impressivo, aluminum	1/10

Accessible Toilet alert system



Accessible Toilet alert system

An accessible toilet alert system contains appropriate push buttons for calling and cancelling and an alarm device outside the WC. ABB transformer FLM1000 is installed in a normal mounting box and is a perfect device for the power supply.

Type	EAN	Description	Package
FLM1000	6410070607650	Transformer	1/10
FEH1001	6410070607117	Control Unit, 1-loop	1/10
FEH2001	6410070607179	Alarm Unit, 1-loop	1/10
FAP2001	6410070607216	Signal Push Button, 1-fold	1/10
FAP3002	6410070607261	Signal Push Button with red Cord 2,5 m	1/10
FAP3002.PU	6438199004921	Signal Push Button with red Cord 10 m	1/10
FIM1200	6410070607520	Alarm Unit, red	1/10

**Jussi Accessible Toilet alert system, set**

Jussi set contains the following signalling products: 1 pc Transformer FLM1000, 1 pc 1-loop Alarm Unit FEH2001, 1 pc Signal Push Button with Draw Cord FAP3002 (calling) and 1 pc Signal Push Button FAP2001 (cancelling). All devices are equipped with coverframes 2511

Type	EAN	Description	Package
FJW1004	6418677332012	Jussi Accessible Toilet alert, set with transformer	1/10

**Impressivo Accessible Toilet alert system, set**

Impressivo SET contains the following signalling products: 1 pc Transformer, 1 pc 1-loop Alarm Unit, 1 pc Signal Push Button with Draw Cord (calling) and 1 pc Signal Push Button (cancelling). All devices are equipped with Impressivo coverframes.

Type	EAN	Description	Package
FJW1004-84	6438199002934	Impressivo Accessible Toilet alert, set with transformer	1/10

Leak Guard

**Jussi Leak Guard, set**

The set contains the Leak Guard FEH2100, Alarm Unit FIM1200, Transformer FLM1000, Tape Sensor FLA2100.02, Cover Frame 2513 and an installation manual.

Type	EAN	Description	Package
FJW2100	6410070607162	Leak Guard set	1/10

**Jussi Leak Guard**

The Leak Guard unit operates as the standard Control Unit FEH1001, with the exception that the loop monitors leakage current (10 µA). Tape sensors, conduit pairs or other leakage sensors could be connected to the device. Memory/no memory function. Potential free output. Cancelling button with LED. Operating voltage: 9,5 - 28 V ac / 9,5 - 35 V dc. Current consumption: 75 mA ac / 40 mA dc. Good marking possibilities on the button and name plate.

Type	EAN	Description	Package
Jussi, includes insert and center plate			
FEH2100	6410070607131	Leak Guard	1/10
Impressivo, center plate			
1P-84	6418677330056	Center plate, 1-fold, Impressivo, white	1/10
1P-81	6418677330681	Center plate, 1-fold, Impressivo, anthracite	1/10
1P-83	6418677330698	Center plate, 1-fold, Impressivo, aluminum	1/10

**Mains Relay**

With mains relay Jussi leak guard can control 230 V ac magnetic valves. Controlled by low voltage potential free contact (e.g. switches, push buttons, potential free contacts or alarm panels). Separate transformer not needed. Loading capacity: 10 A / 230 V ac. Fluorescent light load max 300 VA.

Type	EAN	Description	Package
Jussi, includes insert and center plate			
FIR1000	6410070607803	Mains Relay	1/10
Impressivo, center plate			
U-84	6418677330124	Center plate, blind, Impressivo, white	1/10
U-81	6418677330896	Center plate, blind, Impressivo, anthracite	1/10
U-83	6418677330902	Center plate, blind, Impressivo, aluminum	1/10



Tape Sensors

Self adhesive Leak Guard sensor. Wires connected to sensor by soldering.

Type	EAN	Description	Package
FLA2100.02	6410070607858	Tape Sensor, lenght 2 m	1/10
FLA2100.50	6410070607872	Tape sensor, lenght 50 m	1

Jussi cover plates



Cover frames 85 mm, IP21

Flush mounting frames for 1-gang devices. Flush mounting: On a smooth surface IP21, on a rough surface IP20.

Type	EAN	Description	Package
2511	6410021661113	Cover frame, Jussi, 85 mm, 1-gang	20/200
2512	6410021661120	Cover frame, Jussi, 85 mm, 2-gang	10/100
2513	6410021661137	Cover frame, Jussi, 85 mm, 3-gang	10/100
2514	6410021661144	Cover frame, Jussi, 85 mm, 4-gang	10/50
2515	6410021661151	Cover frame, Jussi, 85 mm, 5-gang	10/50

IMPRESSIVO® cover plates



Flush mounting cover frames 85 mm, IP21/IP44

Flush mounting cover frames for 1-gang devices. Suitable for both horizontal and vertical installation. Standard installation is IP21 on smooth surface. When using seal 2463 installation is IP21 on rough surface. Final IP class of installation is defined by the used center plate (IP21/IP44).

Type	EAN	Description	Package
White			
1721F85-84	6418677327773	Cover frame, Impressivo, 85 mm, 1-gang, white	1/10
1722F85-84	6418677327810	Cover frame, Impressivo, 85 mm, 2-gang, white	1/5
1723F85-84	6418677327858	Cover frame, Impressivo, 85 mm, 3-gang, white	1/5
1724F85-84	6418677327896	Cover frame, Impressivo, 85 mm, 4-gang, white	1/5
1725F85-84	6418677327933	Cover frame, Impressivo, 85 mm, 5-gang, white	1/5
Anthracite			
1721F85-81	6418677327797	Cover frame, Impressivo, 85 mm, 1-gang, anthracite	1/10
1722F85-81	6418677327834	Cover frame, Impressivo, 85 mm, 2-gang, anthracite	1/5
1723F85-81	6418677327872	Cover frame, Impressivo, 85 mm, 3-gang, anthracite	1/5
1724F85-81	6418677327919	Cover frame, Impressivo, 85 mm, 4-gang, anthracite	1/5
1725F85-81	6418677327957	Cover frame, Impressivo, 85 mm, 5-gang, anthracite	1/5
Aluminum			
1721F85-83	6418677327803	Cover frame, Impressivo, 85 mm, 1-gang, aluminum	1/10
1722F85-83	6418677327841	Cover frame, Impressivo, 85 mm, 2-gang, aluminum	1/5
1723F85-83	6418677327889	Cover frame, Impressivo, 85 mm, 3-gang, aluminum	1/5
1724F85-83	6418677327926	Cover frame, Impressivo, 85 mm, 4-gang, aluminum	1/5
1725F85-83	6418677327964	Cover frame, Impressivo, 85 mm, 5-gang, aluminum	1/5



—

ABB Oy

P.O. Box 16 (Porvoon Sisäkehä 2)
FI-06101 Porvoo, Finland
Customerservice.WA@abb.fi.com

abb.com

installationmaterials.com