

ekinex

control your living space



futurasmus
KNX GROUP

The house is a machine for living.

Le Corbusier, Toward an Architecture, 1923

ekinex is a  sbs brand

ekinex



we believe

in the technology that makes life easier.
We build devices that make simpler gestures of everyday life.

Our scenario is the world: homes, offices, public buildings, schools, hospitals, industries.

Our concept of home automation is supported and made possible by the KNX standard, which allows the decentralized and automated management of technological systems of all types and sizes.

we increase comfort

we reduce energy consumption

we raise the long-term value of a building

we coordinate systems

we manage safety



Made in Italy

The products of the ekinex® line are developed and produced in Italy.

Thanks to a qualified and competent team, SBS has created a product that embodies the essence of Made in Italy design, attention to detail, cutting-edge technology and innovation.

Designed for a global market, the ekinex® products are the expression of the new Italian tradition that combines attention to craftsmanship in the manufacture of the product and high levels of technology.

ekinex® promotes the idea of an Italian design that is not a mere aesthetic exercise, but includes, as basic elements, user friendliness, immediate understanding of the function and balanced and intelligent application of technology.

KNX: the heart of the system.

Great developments in the field of home and building automation were made possible thanks to an open, modular and interoperable standard like KNX.

cheapness

Setting up an ekinex® system is easy and accessible cost-wise: a signal network is arranged at project level, reaching all those areas where commands, sensors or loads to be system-controlled are expected. The arrangement, achieved by means of a simple signal cable, represents an authentic network for the exchange of information between ekinex® devices.

scalability

The scalability, typical of ekinex® building control systems, even allows to start off with a basic equipment, both in terms of functions and devices, which may be extended at a later stage, depending on individual requirements, the location's infill and economic availability. The investment is quickly paid back, and is protected in time. Thanks to the native openness and interoperability of the KNX standard, the system can even integrate functions that may not be available within the ekinex® range of products.

easy installation

Unlike traditional installation, in a home automation system only actuators and output devices need to be connected to the 230 VAC power supply. Sensors, switches, controls, displays and other input devices work with the only connection to the bus network that is powered by SELV voltage. This results in a considerable

simplification of the installation that is particularly advantageous.

KNX certification

The KNX certification guarantees the interoperability among the devices of different KNX manufacturers. The entire procedure is disciplined by the certification system developed by the KNX Association and is based on conformity tests carried out by third-party laboratories. The presence of a KNX trademark on ekinex® devices is a guarantee for the customer:

- Manufacturing firm respects the quality management system in accordance with ISO 9001;
- The devices are compliant with the European norm EN 50090-2-2, concerning fundamental aspects like electromagnetic compatibility, electrical safety and environmental conditions of use;
- They comply with KNX interoperability requirements concerning standardized data type and functional blocks.



23 years of experience on market

33 national associations in each continent

9.000 certified products

70% market share in the building control in Europe

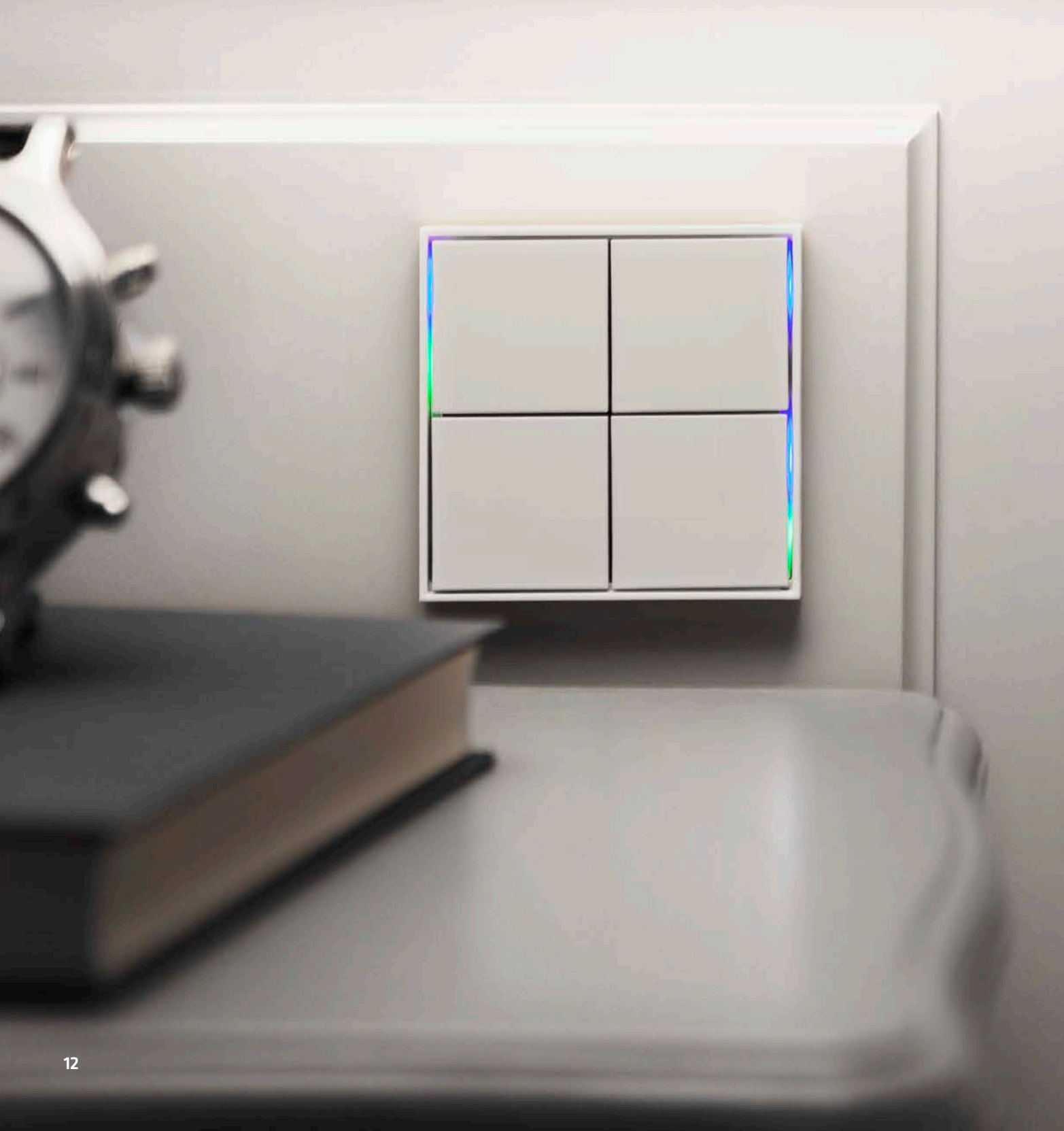
43.000 KNX Partner in 117 countries

244 certified Training Center in 46 countries

Form

FF Serie





Form

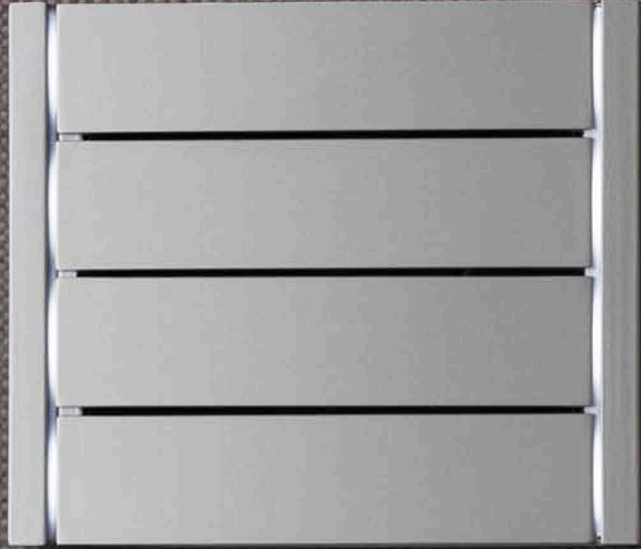
combinations



Flank

FF Serie





Flank

combinations



flank

'NF

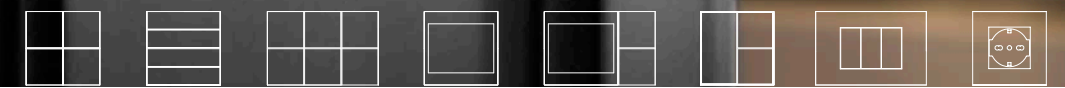
FF Serie





'NF

combinations



NF



Fold pushbotton

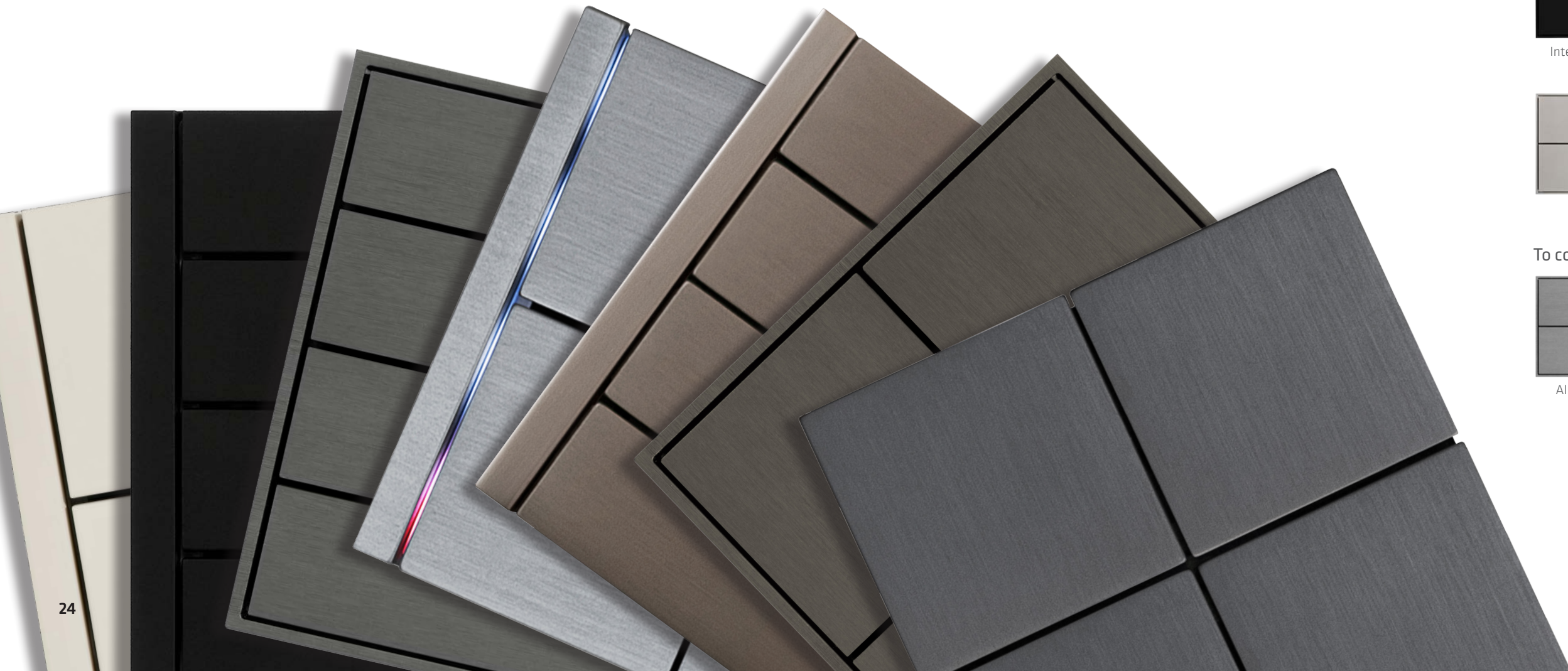


Simplify your actions.

Choose a symbol for each function from the wide library and create your own combination for every room. Send us your logo or the text you want to be printed on the rockers. Press the right button has never been easier.

Color solution.

Plastic, Plastic Metallic, Brushed Aluminium



To complete with Form/Flank/NF frame and plastic material rockers



Ice white



Ice white soft-touch



Fire white



Fire white soft touch



Intense black



Intense soft touch



Silver

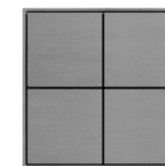


Hematite



Graphite

To complete with Form/Flank/NF frame and aluminium rockers



Aluminium



Nichel



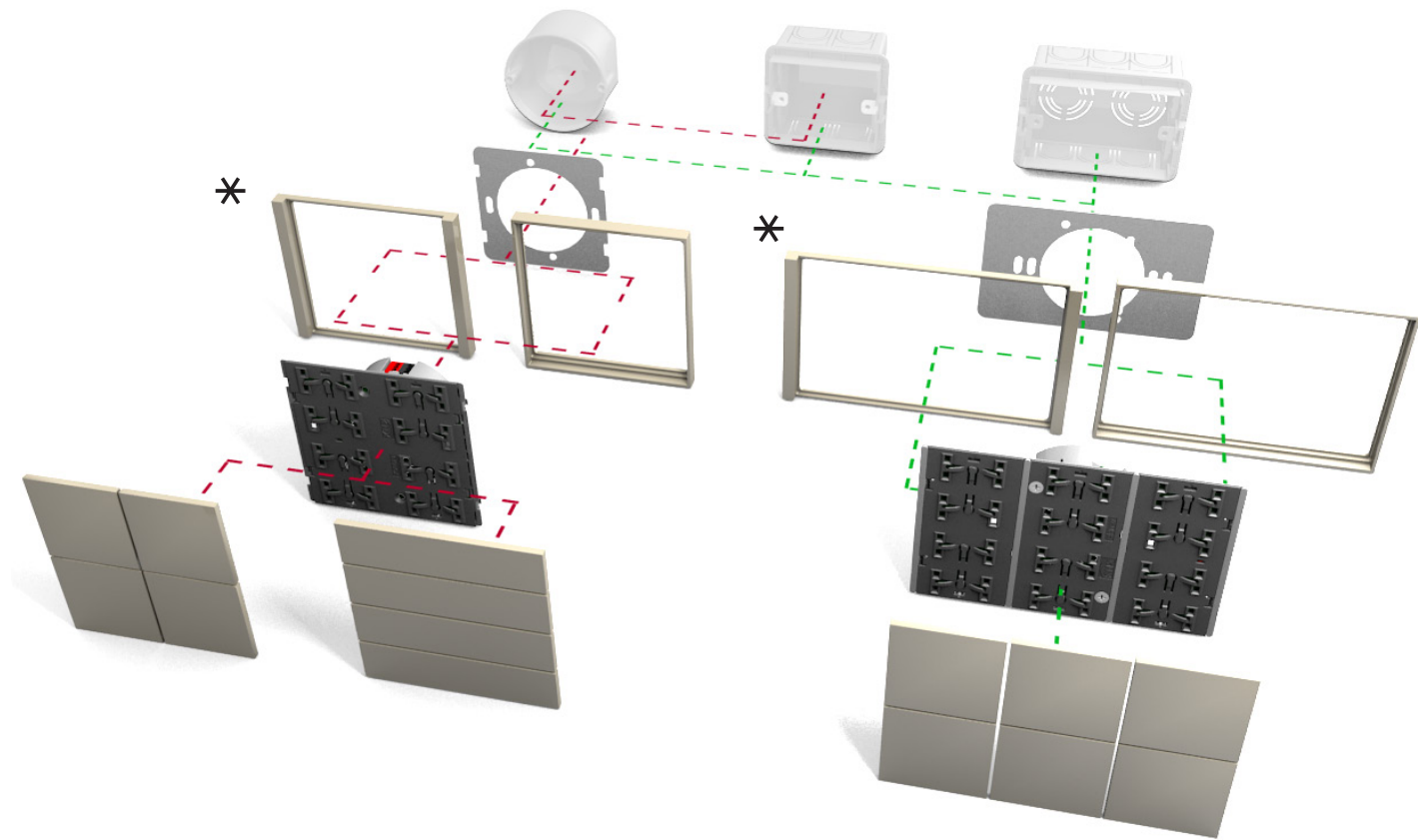
Titanium



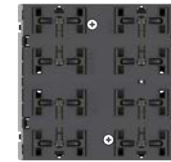
Carbon

Pushbuttons

Assembly instructions



* For the 'NF series no frames are provided



4-fold pushbutton

EK-EA2-TP : with green and blue LED

EK-EA2-TP-RW : with red and white LED

EK-EA2NF-TP : 'NF with green and blue LED

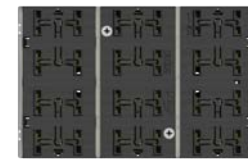
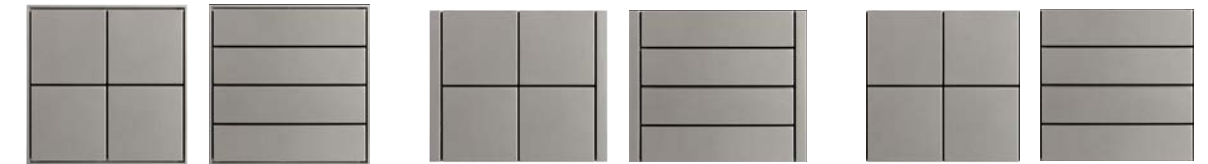
EK-EA2NF-TP-RW : 'NF with red and white LED

4-fold pushbutton for KNX home and building automation systems. It allows on/off switching, dimming of lighting devices, controlling of motor drives for shutters or other programmable switching and control function. Bus terminal block, construction-site protection and mounting support included in the delivery. It has to be completed with four square or rectangular rockers and a square frame of the series form or flank (to be ordered separately).

The complete 4-fold pushbutton represented in these pages includes:

- 1 device e.g. EK-EA2-TP
- 1 form EK-FOQ - flank EK-FLQ-... square frame (p.41)
- 4 square rockers EK-TSQ (or TSR)

Base-codes of frame and rockers have to be completed by adding extensions for material, colour and finishing. As alternative to the square rockers, the rectangular rockers EK-TSR-... are available. For further information please consult also the ekinex product catalog.



6-fold pushbutton

EK-EB2-TP : with green and blue LED

EK-EB2-TP-RW : with red and white LED

6-fold pushbutton for KNX home and building automation systems. It allows on/off switching, dimming of lighting devices, controlling of motor drives for shutters or other programmable switching and control function. Bus terminal block, construction-site protection and mounting support included in the delivery. It has to be completed with four square or rectangular rockers and a square frame of the series form or flank (to be ordered separately).

The complete 6-fold pushbutton represented in these pages includes:

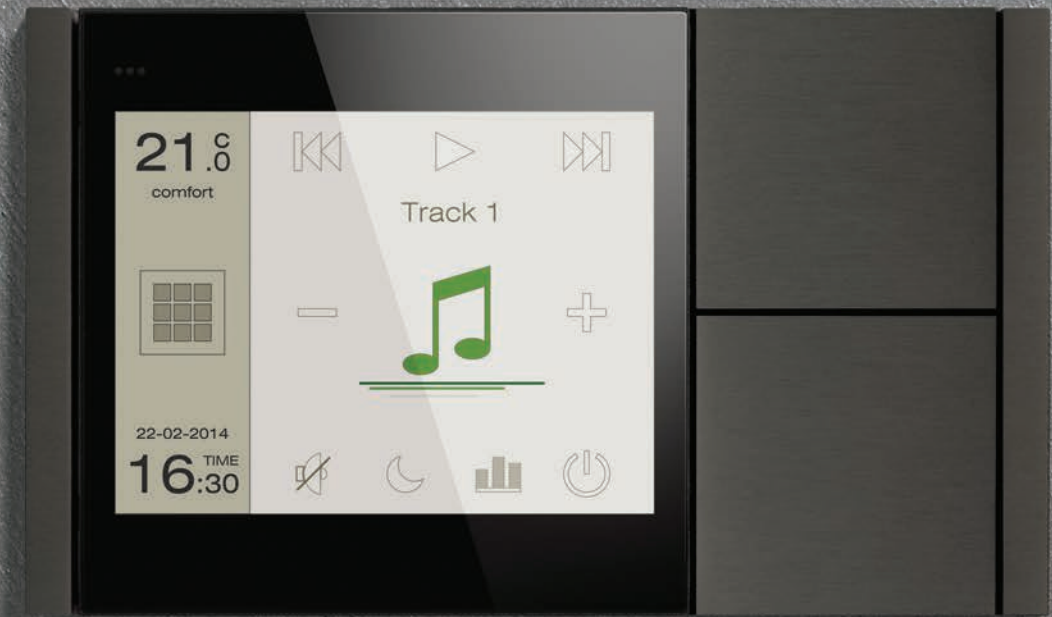
- 1 device e.g. EK-EB2-TP
- 1 form EK-FOR - flank EK-FLR -... rectangular frame (p.41)
- 6 square rockers EK-TSQ-...

Base-codes of frame and rockers have to be completed by adding extensions for material, colour and finishing. For further information please consult also the ekinex product catalog.





Touch & See



the unexpected new

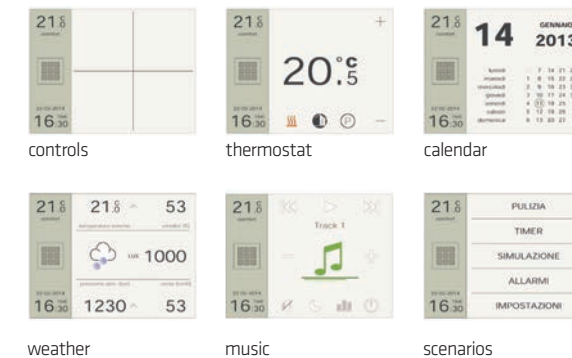
Color solution.

Plastic, Plastic Metallic, Brushed Aluminium



Technology in a touch.

When you want to touch the technology, see with your eyes your settings, know the weather or create the comfort you would like, trust Touch&See.

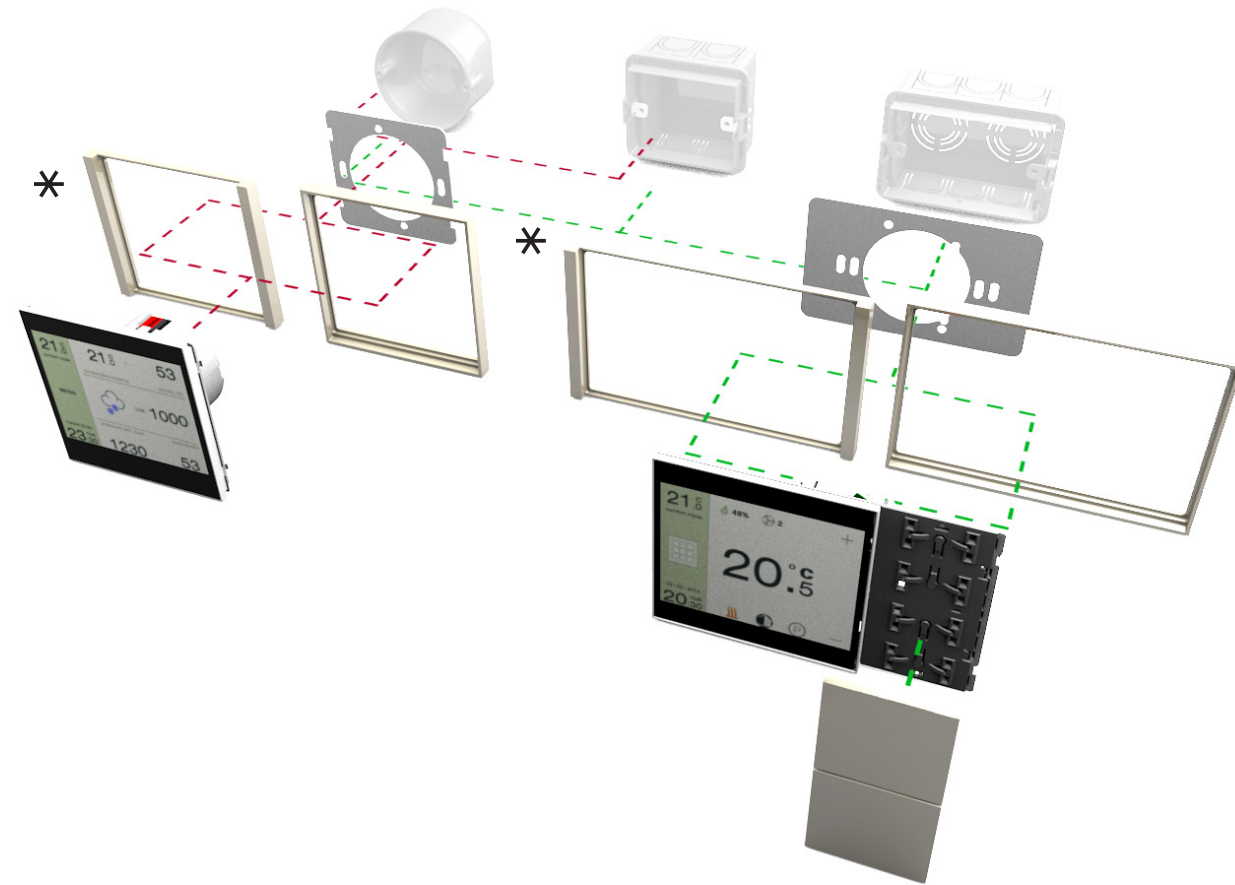


The high resolution touch-display and the versatile and intuitive interface are thought to provide highest user comfort and uncompromising aesthetics.

The transition from one function to the next one is via side-scrolling pages, from those you can access several submenus. You can also set the display brightness according to your own needs or it can be automatically adjusted according to the brightness.

Control and visualisation unit

Assembly instructions



* For the 'NF series no frames are provided



Touch&See

EK-EC2-TP : T&S

EK-EC2NF-TP : T&S 'NF version

Multifunctional, compact device with touch-screen for KNX home and building automation systems. It allows on/off switching, dimming of lighting devices, controlling of motor drives for shutters or other bus functions through the user interface and the graphical pages. Room temperature controlling function of 4 independent zones, receiving from the bus the measured temperature values. It has to be completed with a square frame of the series form or flank (to be ordered separately).

- 3,5" TFT backlight touch-display, 65.536 colours
- Up to seven main graphical pages
- Brightness sensor integrated
- Connection to bus line through KNX terminal block
- 30 Vdc auxiliary power supply necessary
- Wall-mounting in round or square box
- IP20 protection degree

The complete Touch and See display represented in these pages includes:

- 1 device e.g. EK-EC2-TP
- 1 square frame form EK-FOQ or flank EK-FLQ-... (p.41)

Base-codes of frame and rockers have to be completed by adding extensions for material, colour and finishing. For further information please consult also the ekinex product catalog.



Touch&See with 2-fold pushbutton

EK-EF2-TP : T&S with green and blue LED

EK-EF2-TP-RW : T&S with red and white LED

Multifunctional, compact device with touch-screen and 2-fold pushbutton for KNX home and building automation systems. It allows on/off switching, dimming of lighting devices, controlling of motor drives for shutters or other bus functions through the user interface and the graphical pages. Room temperature controlling function of 4 independent zones (1 with the integrated temperature sensor). It has to be completed with a rectangular frame of the series form or flank (to be ordered separately).

- 3,5" TFT backlight touch-display, 65.536 colours
- Up to seven main graphical pages
- Temperature and brightness sensor integrated
- 2-fold pushbutton integrated
- Connection to bus line through KNX terminal block
- 30 Vdc auxiliary power supply necessary
- Wall-mounting in round, rectangular or square box
- IP20 protection degree

The complete Touch and See display with 2-fold represented in these pages includes:

- 1 device e.g. EK-EF2-TP
- 1 rectangular frame form EK-FOR or flank EK-FLR-... (p.41)
- 2 square rockers EK-TSQ

Base-codes of frame and rockers have to be completed by adding extensions for material, colour and finishing. For further information please consult also the ekinex product catalog.





EP2/EQ2



Room temperature controller

Color solution.

Plastic, Plastic Metallic, Brushed Aluminium



Control and visualisation unit



Room temperature controller

EK-EP2-TP : with green and blue LED

EK-EP2-TP-RW : with red and white LED

EK-EP2NF-TP : 'NF with green and blue LED

EK-EP2NF-TP-RW : 'NF with red and white LED

Advanced room controller

EK-EQ2-TP : with green and blue LED

EK-EQ2-TP-RW : with red and white LED

EK-EQ2NF-TP : 'NF with green and blue LED

EK-EQ2NF-TP-RW : 'NF with red and white LED

Room temperature controller for KNX home and building automation systems. Measuring of temperature brightness and relative humidity (only EQ2 series) through integrated sensors. Adjusting the room temperature to 2 points (ON / OFF) or proportional (PWM or continuous). Manual or automatic control of fan-coil units with hydraulic power 2 or 4 pipes. Anti-condensation protection passive and active. Calculation of psychrometric variables (dew point temperature, absolute humidity, enthalpy and perceived temperature) to the upper level of building automation (only EQ2 series) User interface with backlit LCD and two rockers. Advanced functions for the operating of the most common HVAC terminals. Mounting on round or square wall box. It has to be completed with two square rockers and a square frame of the series form or flank (to be ordered separately).

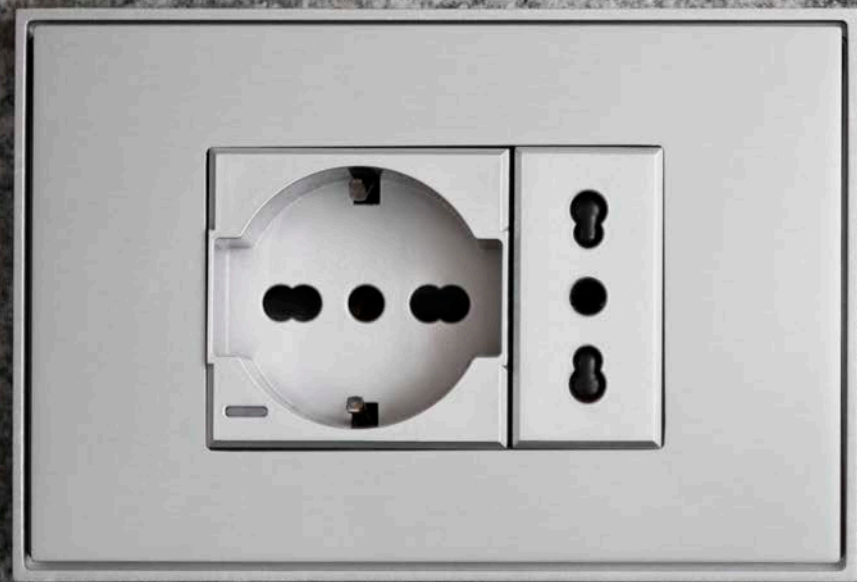
The complete Room temperature controller represented in these pages includes:

- 1 device e.g. EK-EP2-TP or EK-EQ2-TP
- 1 square frame form EK-FOQ or flank EK-FLQ-... (p.41)
- 2 square rockers EK-TSQ

Base-codes of frame and rockers have to be completed by adding extensions for material, colour and finishing. For further information please consult also the ekinex product catalog.

- Backlighting LC-Display
- Temperature and brightness sensor integrated
- Relative humidity sensor integrated (only EQ2-TP)
- Modes of operation: heating and cooling with the possibility of switching or via local bus
- Operating modes: comfort, standby, economy and security building with separate setpoints for heating and cooling operation
- Display of CO2 concentration (in %)
- Reporting opening windows
- 2-fold pushbutton
- Connection to bus line through KNX terminal block
- Wall-mounting in round or square box
- IP20 protection degree





Plates

Make uniform your control.



Aesthetics is not a detail. Uniform your style with our universal frames, adapting them to the other devices of your room.

Do not give up the harmony of forms.

Our plates may be combined with components for the electrical installation (such as sockets, switches etc.) of the leading manufacturers.

Color solution

Plastic, Plastic Metallic, Brushed Aluminium



Form square frame

EK-FOQ-...

Square frame of the form series for completing of a 4-fold pushbutton, a Touch&See control and visualisation unit and a square plate for distribution sockets. Possibility of side-by-side mounting of two devices equipped with a form square frame through the EK-DFO template.

- In plastic or metal
- Snap-on mounting
- Dimensions 86 x 86 x 8 (WxHxD)

The base-code of the frame has to be completed by adding extensions for material, colour and finishing. (p.45)



Flank square frame

EK-FLQ-...

Square frame of the flank series for completing of a 4-fold pushbutton, a Touch&See control and visualisation unit and a square plate for distribution sockets. Possibility of side-by-side mounting of two devices equipped with a flank square frame through the EK-DFL template.

- In plastic or metal
- Snap-on mounting
- Dimensions 94 x 80 x 8 (WxHxD)

The base-code of the frame has to be completed by adding extensions for material, colour and finishing. (p.45)



Form rectangular frame

EK-FOR-...

Rectangular frame of the form series for completing of a 6-fold pushbutton, a Touch&See control and visualisation unit with 2-fold pushbutton and a rectangular plate for distribution sockets.

- In plastic or metal
- Snap-on mounting
- Dimensions 126 x 86 x 8 (WxHxD)

The base-code of the frame has to be completed by adding extensions for material, colour and finishing. (p.45)



Flank rectangular frame

EK-FLR-...

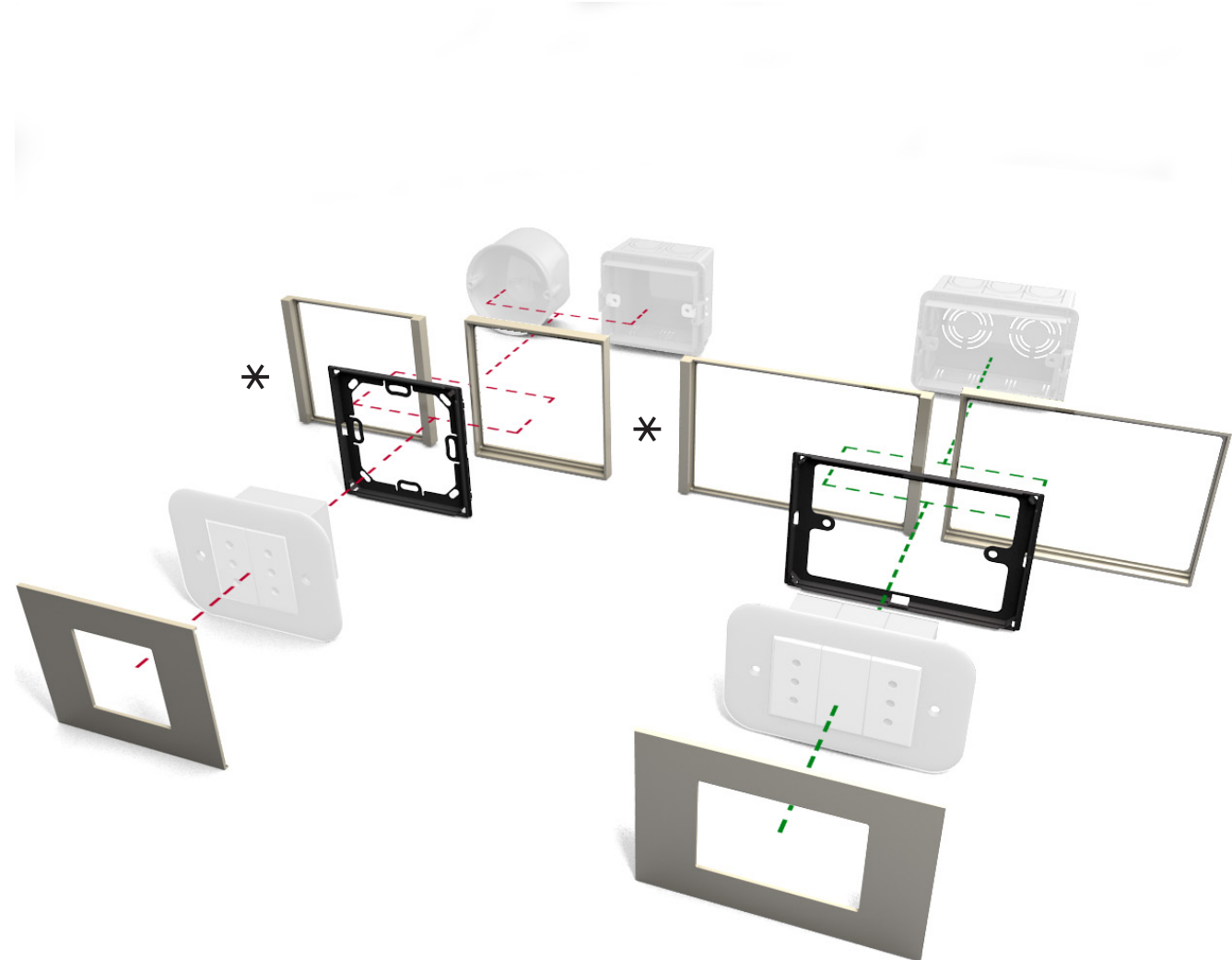
Rectangular frame of the flank series for completing of a 6-fold pushbutton, a Touch&See control and visualisation unit with 2-fold pushbutton and a rectangular plate for distribution sockets.

- In plastic or metal
- Snap-on mounting
- Dimensions 135 x 80 x 8 (WxHxD)

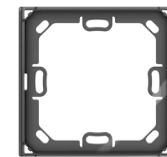
The base-code of the frame has to be completed by adding extensions for material, colour and finishing. (p.45)

Square plate

Assembly instructions



* For the 'NF series no frames are provided



Square plate (with adapter)

EK-PQP-... and EK-PQG-... and EK-PQS

Square plate for completing distribution switches or sockets equipped with components of the standard installation series, or a EK-SM2 movement sensor. Available in many different colors and materials. To be used in combination with a square frame of the form or flank series Square adapter included.

- In plastic or metal
- EK-PQP-... with window (45 x 45 mm)
- EK-PQG-... with window (55 x 55 mm)
- EK-PQS-... with window (60 x 60 mm)
- Snap-mounting on square adapter
- Dimensions 80 x 80 x 3 (WxHxD)

In order to complete switches, sockets or the EK-SM2 movement sensor as represented in this page, it is necessary to order:

- 1 square plate e.g. EK-PQP-... (45 x 45 mm window) or EK-PQG-... (55 x 55 mm window) or EK-PQS-... 60 x 60 mm window)
- 1 square frame form EK-FOQ-... or flank EK-FLQ-...

The delivery of each square plate includes a square adapter. Base-codes of frame and plate have to be completed by adding extensions for material, colour and finishing. For further information please consult also the ekinex product catalog.



Rectangular plate (with adapter)

EK-PRP-... ed EK-PRG-...

Rectangular plate for completing distribution switches or sockets equipped with components of the standard installation series. Available in many different colors and materials. To be used in combination with a square frame of the form or flank series Rectangular adapter included.

- In plastic or metal
- EK-PRP-... with small window (66 x 44 mm)
- EK-PRG-... with big window (68 x 45 mm)
- Snap-mounting on square adapter
- Dimensions 121 x 80 x 3 (WxHxD)

In order to complete switches or sockets as represented in this page, it is necessary to order:

- 1 square plate e.g. EK-PRP-... (66 x 44 mm window) or EK-PRG-... (68 x 45 mm window)
- 1 square frame form EK-FOR-... or flank EK-FLR-...

The delivery of each rectangular plate includes a rectangular adapter. Base-codes of frame and plate have to be completed by adding extensions for material, colour and finishing. For further information please consult also the ekinex product catalog.



ekinex is a **sbs** brand

Headquarters

SBS s.p.a.

Via Circonvallazione s/n

I-28010 Miasino NO

T +39 0322.980909

F +39 0322.980910

Detachment - R&D

Via Novara, 35

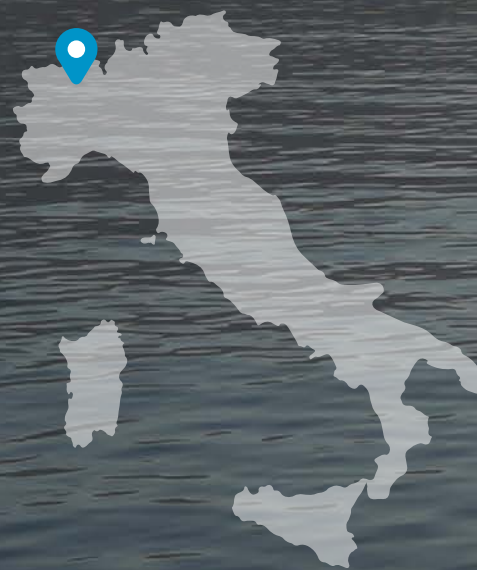
I-28010 Vaprio d'Agogna NO

T +39 0321 966.740/1

F +39 0321 966.997

info@ekinex.com

www.ekinex.com



ekinex.com

control
your living
space



futurasmus
KNX GROUP