



PORTFOLION.4 **ekinex**

**ekinex**  
CONTROL YOUR LIVING SPACE

# *Smart home*

When technology makes life easier and design makes it more enjoyable.

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 exploit the potential of the KNX system to ensure high quality standards for a project that we called eKiNeX. We increase comfort, we reduce energy consumption, we raise the long-term value of a building, we coordinate systems, we manage safety.

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. Technology makes life easier, design makes it more enjoyable.

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# FF/Form



*ED2* - 4-fold pushbutton and room thermostat - 4 square rockers.  
Finishing brushed metal, aluminium colour, red/white LED.  
Dimensions: mm 86 x 86 x 8



*EB2* - 6-fold pushbutton - 6 square rockers.  
Finishing brushed metal, aluminium colour, red/white LED.  
Dimensions: mm 126 x 86 x 8



*EF2* - Touch&See display with 2-fold pushbutton.  
Finishing brushed metal, aluminium colour, red/white LED.  
Dimensions: mm 126 x 86 x 8

FF/Form collection in aluminium colour (GBQ)









# FF/Flank



ED2 - 4-fold pushbutton and room thermostat - 4 rectangular horizontal rockers. Finishing brushed metal, nickel colour, blue/green LED.  
Dimensions: mm 94 x 86 x 8



EQ2 - room temperature controller.  
Finishing brushed metal, nickel colour, blue/green LED.  
Dimensions: mm 94 x 86 x 8



EC2 - Touch&See display.  
Finishing brushed metal, nickel colour.  
Dimensions: mm 94 x 86 x 8

FF/Flank collection in nickel colour (GBR)









# FF/'NF



*EQ2* - room temperature controller.  
Finishing Fenix NTM®, beige Luxor colour, red/white LED.  
Dimensions: mm 80 x 80 x 8



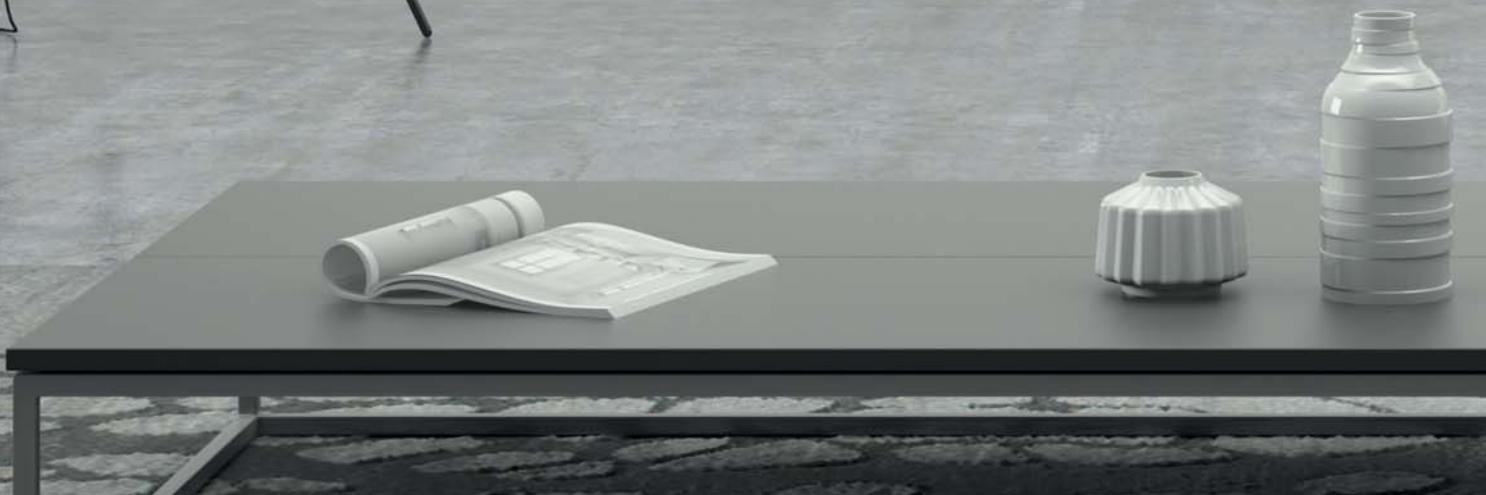
*ED2* - 4-fold pushbutton and room thermostat - 2 rectangular vertical rockers.  
Finishing Fenix NTM®, beige Luxor colour, red/white LED.  
Dimensions: mm 80 x 80 x 8



*PQG* - square plate.  
Finishing Fenix NTM®, beige Luxor colour.  
Dimensions: mm 80 x 80 x 8 - Window: mm 55 x 55

FF/'NF collection in Fenix NTM® beige Luxor colour (FBL)









# FF/Deep



*EQ2* - room temperature controller.  
Finishing brushed metal, carbon colour, blue/green LED.  
Dimensions: mm 80 x 80 x 8



*ED2* - 4-fold pushbutton and room thermostat - 4 square rockers.  
Finishing brushed metal, carbon colour, blue/green LED.  
Dimensions: mm 80 x 80 x 8



*D2P* - Deep double plate  
Finishing brushed metal, carbon colour.  
Dimensions: mm 158 x 87 x 9 - Windows: mm 55 x 55 (2)

## FF/Deep\* collection in carbon colour (GBU)



\* In the FF/Deep series you can use the push-buttons and room temperature controllers of the FF/NF series







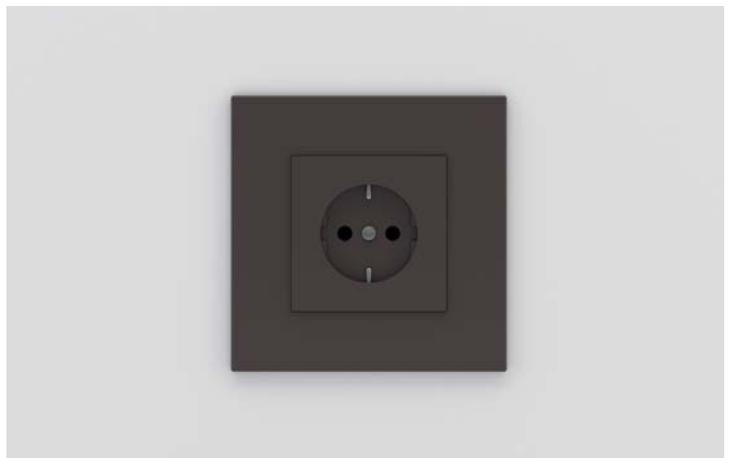
# FF/Surface



*EQ2* - room temperature controller.  
Finishing Fenix NTM®, cocoa Orinoco colour, red/white LED.  
Dimensions: mm 80 x 80 x 8



*ED2* - 4-fold pushbutton and room thermostat - 4 rectangular horizontal rockers.  
Finishing Fenix NTM®, cocoa Orinoco colour, red/white LED.  
Dimensions: mm 80 x 80 x 8



*SQG* - Surface plate.  
Finishing Fenix NTM®, cocoa Orinoco colour.  
Dimensions: mm 98 x 98 x 3 - Window: mm 55 x 55

FF/Surface\* collection in Fenix NTM® cocoa Orinoco colour (FCC)



\* In the FF/Surface series you can use the push-buttons and room temperature controllers of the FF/NF series



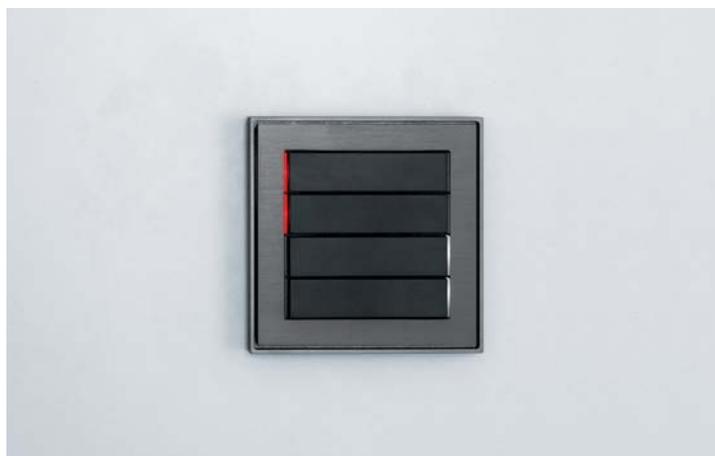




# 71/Form



E12 - 4-fold pushbutton and room thermostat - 2 rectangular vertical rockers.  
*Rockers:* finishing plastic, colour black. *Frame and plate:* finishing brushed metal, titanium colour, red/white LED. Dimensions: mm 86 x 86 x 8



E12 - 4-fold pushbutton and room thermostat - 4 rectangular rockers.  
*Rockers:* finishing plastic, colour black. *Frame and plate:* finishing brushed metal, titanium colour, red/white LED. Dimensions: mm 86 x 86 x 8



E12 - 4-fold pushbutton and room thermostat - 2 rectangular vertical rockers + 1 single square rocker. *Rockers:* finishing plastic, colour black.  
*Frame and plate:* finishing brushed metal, titanium colour, red/white LED. Dimensions: mm 156 x 86 x 8

71/Form collection in titanium (GBS) and black (MAL) colour









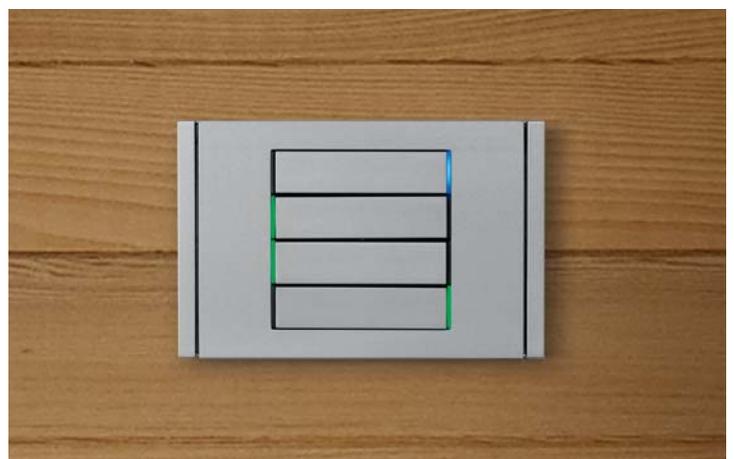
# 71/Flank



*E12* - 4-fold pushbutton and room thermostat - 4 rectangular rockers.  
Finishing metallized plastic, silver colour, blue/green LED.  
Dimensions: mm 94 x 86 x 8



*E72* - room temperature controller.  
Finishing metallized plastic, silver colour.  
Dimensions: mm 94 x 86 x 8



*E12* - 4-fold pushbutton and room thermostat - 4 rectangular horizontal rockers. Finishing metallized plastic, silver colour, blue/green LED.  
Dimensions: mm 134 x 86 x 8

71/Flank collection in silver colour (GAG)









# 71/'NF



*E12 total white* 4-fold pushbutton and room thermostat - 4 square rockers.  
Finishing plastic, ice white colour, red/white LED.  
Dimensions: mm 80 x 80 x 8



*E72* - room temperature controller and *E12* 4-fold pushbutton - 2 rectangular vertical rockers. Finishing plastic, ice white colour, red/white LED.  
Dimensions: mm 80 x 151 x 8



*PQP* - square plate - *total white*.  
Finishing plastic, ice white colour.  
Dimensions: mm 80 x 80 x 8

71/'NF collection in ice white colour (GAA)





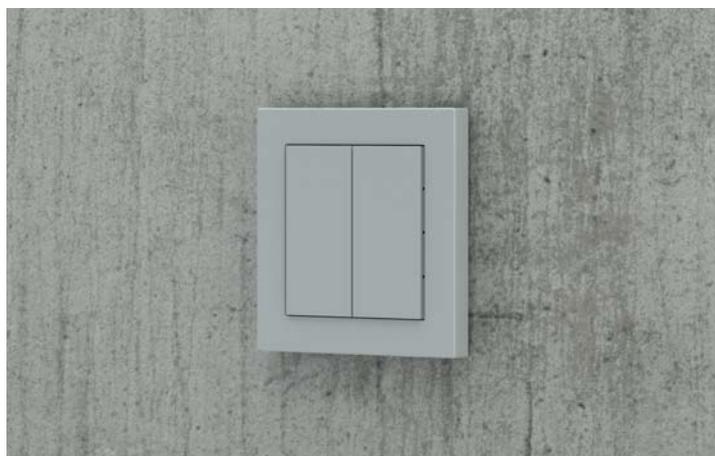




# 71/Deep



*E72* - room temperature controller and *E12* - 4-fold pushbutton - 4 rectangular horizontal rockers, Deep double plate. Finishing Fenix NTM®, grey Efeso colour, red/white LED. Dimensions: mm 87 x 158 x 9

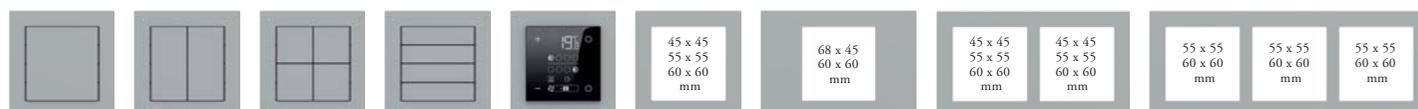


*E12* - 4-fold pushbutton and room thermostat, Deep plate - 2 rectangular vertical rockers. Finishing Fenix NTM®, grey Efeso colour, red/white LED. Dimensions: mm 87 x 87 x 9



*DQP* - Deep plate.  
Finishing Fenix NTM®, grey Efeso colour.  
Dimensions: mm 87 x 87 x 9 - Window: mm 45 x 45

71/Deep collection in Fenix NTM® grey Efeso colour (FGE)





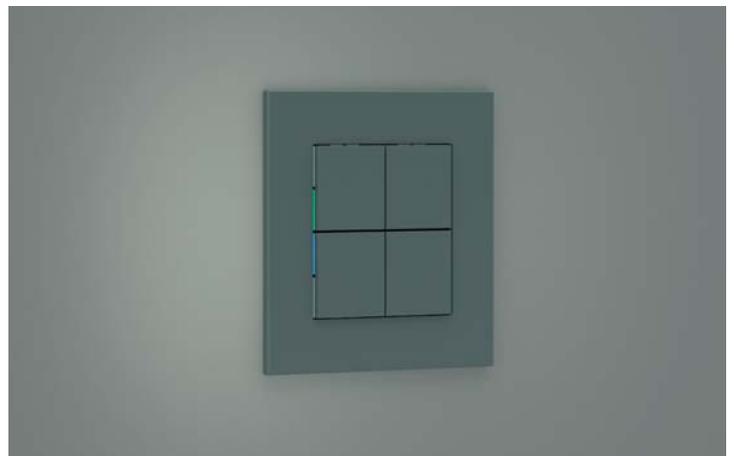




# 71/Surface



*E72* - room temperature controller, Surface plate.  
Finishing Fenix NTM®, green Commodore colour.  
Dimensions: mm 98 x 98 x 3



*E12* - 4-fold pushbutton and room thermostat, Surface plate - 4 square rockers.  
Finishing Fenix NTM®, green Commodore colour, blue/green LED.  
Dimensions: mm 98 x 98 x 3



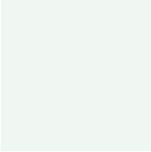
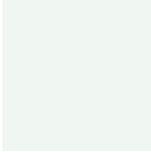
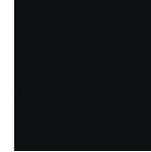
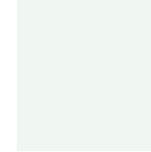
*S2G* - Surface double plate, 4-fold pushbutton and room thermostat,  
4 rectangular horizontal rockers. Finishing Fenix NTM®, green Commodore  
colour, blue/green LED. Dimensions: mm 168 x 98 x 3  
Windows: mm 60 x 60 (1) - mm 55 x 55 (1)

71/Surface collection in Fenix NTM® green Commodore colour (FVC)



# Colours

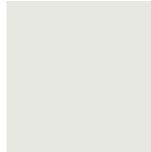
## PLASTIC

							
<b>GAA</b> Ice white	<b>GAB</b> Ice white* Soft-touch finish	<b>GAC</b> Fire white*	<b>GAD</b> Fire white* Soft-touch finish	<b>GAE</b> Intense black	<b>GAF</b> Intense black* Soft-touch finish	<b>MAA</b> White	<b>MAL</b> Black
<b>Frames</b> FF-71 Form FF-71 Flank	<b>Rockers</b> 71 Form 71 Flank 71 'NF	<b>Rockers</b> 71 Form 71 Flank 71 'NF					
<b>Plates</b> FF-71 'NF							
<b>Rockers</b> FF Form FF Flank FF 'NF							

## METALLIC PLASTIC

		
<b>GAG</b> Silver	<b>GAI</b> Hematite*	<b>GAL</b> Graphite*
<b>Frames</b> FF-71 Form FF-71 Flank	<b>Frames</b> FF-71 Form FF-71 Flank	<b>Frames</b> FF-71 Form FF-71 Flank
<b>Plates</b> FF-71 'NF	<b>Plates</b> FF-71 'NF	<b>Plates</b> FF-71 'NF
<b>Rockers</b> FF-71 Form FF-71 Flank FF-71 'NF	<b>Rockers</b> FF-71 Form FF-71 Flank FF-71 'NF	<b>Rockers</b> FF-71 Form FF-71 Flank FF-71 'NF

## FENIX NTM®

			
<b>FBM</b> White Malè	<b>FBL</b> Beige Luxor	<b>FCO</b> Beaver Ottawa	<b>FCC</b> Cocoa Orinoco
<b>Plates / Rockers</b> FF-71 'NF FF-71 Deep FF-71 Surface	<b>Plates / Rockers</b> FF-71 'NF FF-71 Deep FF-71 Surface	<b>Plates / Rockers</b> FF-71 'NF FF-71 Deep FF-71 Surface	<b>Plates / Rockers</b> FF-71 'NF FF-71 Deep FF-71 Surface
			
<b>FGE</b> Grey Efeso	<b>FGL</b> Grey London	<b>FGB</b> Grey Bromine	<b>FVC</b> Green Commodore
<b>Plates / Rockers</b> FF-71 'NF FF-71 Deep FF-71 Surface	<b>Plates / Rockers</b> FF-71 'NF FF-71 Deep FF-71 Surface	<b>Plates / Rockers</b> FF-71 'NF FF-71 Deep FF-71 Surface	<b>Plates / Rockers</b> FF-71 'NF FF-71 Deep FF-71 Surface

## METAL

				
<b>GBQ</b> Aluminium Brushed finishing	<b>GBR</b> Nichel Brushed finishing	<b>GBS</b> Titanium Brushed finishing	<b>GBU</b> Carbon Brushed finishing	<b>GBB</b> Brass Brushed finishing
<b>Frames</b> FF-71 Form FF-71 Flank				
<b>Plates</b> FF-71 'NF FF-71 Deep FF-71 Surface				
<b>Rockers</b> FF-71 Form FF-71 Flank FF-71 'NF FF-71 Deep FF-71 Surface				

\* ON REQUEST

# *Ekinex chooses fenix ntm®*

a super opaque nanotech material, is an innovative interior design product, that combines elegant aesthetic solutions with state-of-the-art technological performance.

The external surface of Fenix NTM® involves the use of nanotechnology and it is characterized by next generation acrylic resins, hardened and fixed with Electron Beam Curing process opening up new avenues in the field of interior design. With low light reflectivity, its surface is extremely opaque, anti-fingerprint and features a very pleasant soft touch. Thanks to the use of nanotechnologies, Fenix NTM® thermally heals any superficial micro-scratches, as its name indicates. In addition, Fenix NTM® is highly resistant to scratches, abrasion, rubbing and dry heat. It also withstands impacts, acid-based solvents and household reagents. It significantly reduces the bacterial load making its surface hygienic and easy to clean. It is also liquid repellent and mould-proof.



Low light reflectivity



Thermal healing of microscratches



Anti-fingerprint



Soft touch



Resistance to scratches and abrasion



Resistance to dry heat



High resistance to acid solvents and household reagents



Enhanced anti-bacterial properties



Hygienic



Suitable for contact with food



Easy to clean



Mold-resistant



Antistatic



Hydro-repellent



Dimensional stability even at high temperature changes



Resistance to impact



Lightfastness



Excellent intensity and colour depth

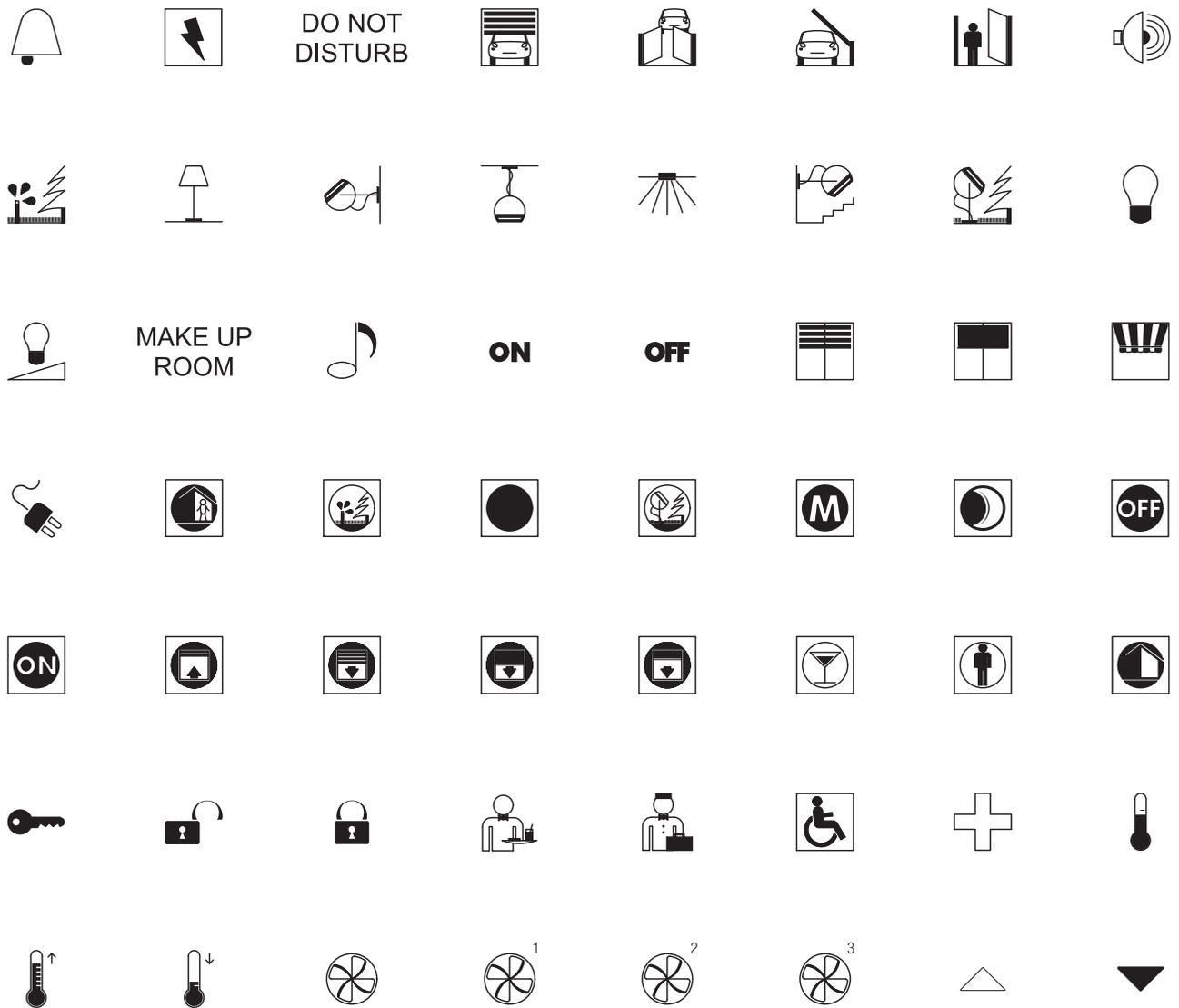


Rub resistance



Self-supporting (only for 10 and 12 mm)

# Symbols



# *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 pushbutton has never been easier.

# *International standard*

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 costwise: a signal network is arranged at project level, reaching all those areas where commands, sensors or loads to be systemcontrolled 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.



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27 years of experience on market

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44 national associations in each continent

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9.000 certified products

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70% market share in the building control in Europe

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73.966 KNX Partner in 163 countries

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439 certified Training Center in 68 countries

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# Contacts

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