

KNX

Live intelligent comfort

Building control systems



Schneider
Electric



Is there a standard for supreme requirements?

It is natural to want to design every detail of your home to the highest standard. This includes the operating convenience of all building functions such as lights, temperature and blinds, as well as the reassuring sense of feeling secure in every way. Wouldn't it be nice to enjoy the comfort of intelligent building control at the same time as saving energy?



Enjoying comfort
and saving energy

Seize the opportunities offered by intelligent technology for yourself and make your wishes come true in terms of comfort, safety and efficiency – with KNX. These three letters stand for the world's open standard for house and building systems engineering.

A modern electrical installation that is convenient, simple and easy to operate, at the same time as significantly increasing the energy efficiency of your home. Discover the possibilities that open up for you with the extensive range of KNX solutions from Schneider Electric.

“ Discover the
intelligent solution that
unifies comfort
and efficiency ”



P135682

Quality of life is the sum of ...

Your time is a valuable commodity – enjoy your home just as you would like it to be. KNX is a technology that puts your requirements first. All the elements of the building control offer convincingly intelligent operating convenience, and combine all the various utilities into a single, convenient solution.



Assemble your very own ideal solution

But even more: Intelligent light and scene control also gives you a good feeling of security – what is more, the energy consumption can be reduced by intelligent control of the building functions. But there is even more to offer beyond the boundaries of the property. Many functions can also be controlled from mobile devices or PCs by online access.

KNX – the standard that meets supreme requirements offers you the solution that is ideal for you and is perfectly tailored to your wishes in terms of comfort, flexibility, safety and efficiency.



... individual feel-good factors



Comfort

From individual scene control that groups together lights, temperature and blinds through to switching appliances such as the stereo system at the touch of a button and automatic building control – KNX means maximum comfort.



Flexibility

As a modular system, KNX can easily be extended and adapted to meet new requirements without the need to chisel away at walls. This means all your wishes can be met quickly and easily using the KNX control.



Safety and security

As a tested and standardised system, KNX represents the reliable basis for a wide range of functions that will allow you to feel comprehensively safe and secure.



Efficiency

Use KNX to increase the energy efficiency of your home, and save energy thanks to consumption measurement and intelligent sensors!



Living comfort for sophisticated residents

Is every little detail of great importance for you, and would you prefer not to leave any aspect of your home to chance? Should all the elements of room design blend into your personal lifestyle dream in every area of your home? Then KNX is the perfect solution for your building control.



KNX turns your home into your very own feel-good zone

Greater security – no matter where you are

Your home should give you a feeling of safety and security. To reinforce this feeling further, KNX incorporates intelligent functions which watch over your home even when you are out and about. When you are travelling, all you need to do is take a glance at your smartphone to check that everything is in order back home.

Feeling good with in perfect scene

Conveniently switch over to feeling good. Or at the touch of a button you can change over to a cosy dinner atmosphere. The magic world is scene control. KNX allows you to store quite diverse functions and settings as a scene. In this way, you can enjoy every moment in perfect scenario.

Energy-efficient and future-proof

With KNX, you are ready for the future. As a global standard for intelligent building control, this technology will continue to develop in the future as well, further increasing your control convenience. With KNX, you are already prepared today for tomorrow's requirements when it comes to energy.

“ Enjoy your home in all areas just as you wish ”



P135667

Everything at a glance

It gives you a good feeling to be certain that everything is alright before you leave your home. Thanks to the "central off" function on the touch panel, you can close the front door behind you without a care, and even set a presence simulation for additional security.



The security of
having an overview
of your entire home

Security centrally controlled

You can also feel relaxed when you are away from home, because sensors detect electrical storms or excessive sunlight, and automatically activate roller shutters and blinds. In addition to the central control convenience of a touch panel, the TwinBus door stations from Schneider Electric can integrate on-board cameras for (offering) additional security in the home.



P000000

Acero stainless
steel door station



P135583

Touch Panel 7"



P135671

Perfectly set in scene

Your living room is the central location for relaxation or a cosy get-together. Whether for watching TV, reading or spending an evening with friends – it is possible to store the appropriate scene for every situation.



Control convenience
that always adapts to
your individual wishes

Living comfort at the push of a button

At the single push of a button, it is possible to activate all the desired functions at the same time and adapt them perfectly to the particular situation: blinds are lowered, atmospheric lighting is switched on and the room is heated to just the right temperature. At the end of the evening, all functions are also switched off in parallel, thus putting the entire home into energy-saving night mode. This represents the greatest possible control convenience and gives you more time for the important things in life.



P135579

KNX push-button plus
with room temperature
control unit



P135578

KNX plus push-button



P135674

A secure dream – a guaranteed feel-good effect

Bedrooms and bathrooms are your personal feel-good area. Here you can find relaxation, round off the evening or get yourself ready for a new day. The maximum comfort in building control is especially important here.



In bedrooms and bathrooms, the comfort of KNX adds up to quality of life!

Your very own private spa area

The room has the right temperature, the towel rail is warm and the light is dimmed. A comfort scene that converts the bathroom into a feel-good oasis at the push of a single button. The temperature is controlled by a timer so that the bathroom is warmed up in the morning while the room temperature drops automatically after you leave – comfort that saves energy.

Ideal conditions for good sleep

You just sleep better. The time-controlled night reduction provides a healthy climate, and the panic button next to the bed lets you sleep calmly: if you hear suspicious noises at night, just hit the panic button to illuminate your house and garden with bright light and raise the blinds. Alternatively, if you want to read in bed in the evening, just press a push-button to let down the blinds and activate the right lighting.



P135673



P135592



P135577

Push-button with push-button interface, 2-gang plus

KNX push-button plus with room temperature control unit



Flexibility is a question of intelligence

The charming thing about intelligent technology: you keep all your options open! The intelligent structure of a KNX system enables you to implement new requirements or changes of function easily and flexibly.



With KNX, you can design living comfort that gives you all the freedom you desire!

Flexible room use – when and where you want it

Do you want to convert one large room into two children's rooms, a guest room or study? With KNX, you can simply adjust the functions in the configuration. Furthermore the frame design and the control surfaces can also be very easily adapted to your new dream home.

Systematic efficiency

KNX allows you to create your very own convenience control. This is because KNX is oriented towards your future wishes, right from the start of the planning. It is this flexibility that makes the comfort of a KNX control so perfect, because you know that the wishes you may have tomorrow will also continue to be met both individually and efficiently. This offers you the security of benefitting from an intelligent system in terms of efficiency as well.

“ Are you ready
for an upgrade to
business class? ”



P135652

Room for productivity

Do you expect attractive conditions under which you can also enjoy professional working comfort in your home as well? With KNX, you can create the ideal surroundings.



KNX – the optimum partner for efficient working!

Best working conditions

Simply have your KNX system control the lights, climate and blinds automatically. Presence detectors detect whether you are present and operate completely independently to provide constant lighting conditions and a steady temperature. In this way, you can concentrate on your work while KNX provides the optimum working conditions!

A good working climate automatically

By means of a touch panel, you can also conveniently set your office for different situations using scene control, while CO₂ sensors automatically monitor the working climate. This ensures adequate ventilation. As a result, you can always keep a clear head. Movement detectors help to ensure that lights are only switched when really needed in working areas that are used less frequently.



P135656



P135663

Touch Panel 7"



P135660

KNX ARGUS presence detector, flush-mounted



Behind the scenes

KNX networks all building functions such as lighting, blinds and roller shutters, temperature, air conditioning and ventilation, building communication and appliance control in one system.



KNX – simply an intelligent setup!

All the devices for a KNX installation are connected by a bus cable, thus allowing them to exchange data. The function of the individual bus devices is determined by their programming, which can be changed and adapted at any time.

Sensors such as movement detectors or thermostats send commands to actuators which control functions such as lighting, heating or air conditioning accordingly. Domestic appliances can also be integrated into the KNX installation via switchable socket-outlets.

Logic functions and project planning are undertaken by your installer in accordance with your wishes and expectations. You can straightforwardly choose/activate the convenient functions via switches, push-buttons, touch panels, remote control or also by PC or smartphone whether you are at home or on the move.



P135615



KNX combines comfort with cost effectiveness – in terms of investment, operation and expansion!

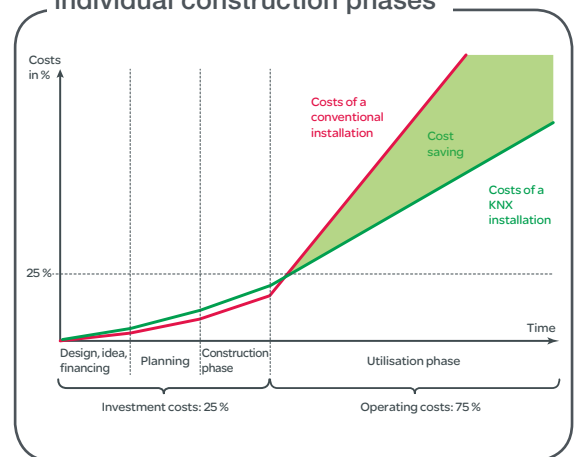
Cost-effective in three ways at once

Depending on what your individual requirements are on building control, the costs of investing in KNX may be lower than in a conventional installation. In short: the more comfort you desire, the more economical KNX becomes in comparison.

In addition, the modular structure of a KNX installation means it can be expanded and changed without difficulty. While changing or expanding a conventional system is complicated and expensive, the flexibility of KNX pays off, thanks to less work involved.

What is more, there are additional savings possibilities in the energy costs of a building: from demand-driven lighting control through to energy management – with KNX you choose the level of energy efficiency yourself.

Costs relative to the individual construction phases



Design and function...

Maximum control convenience deserves an appealing frame. The extensive selection of high-quality materials and designs offered to you by the switch ranges from Schneider Electric more than do justice to the KNX technology.

Merten System M



The appropriate design for every taste



KNX push-button 2-gang plus with room temperature control unit



KNX push-button 1-gang plus



KNX push-button 4-gang plus with IR receiver



Push-button 1-gang



KNX ARGUS movement detector 180/2.20, flush-mounted

Colour variants



M-Elegance frames are available in eight glass, four metal and four wood variants.

Merten Artec



KNX push-button 2-gang plus with room temperature control unit



KNX push-button 2-gang plus



KNX push-button 4-gang plus with IR receiver



Push-button 1-gang



KNX ARGUS movement detector 180, flush-mounted

Colour variants



Artec frames are available in six attractive colours and one stainless steel variant.

...at their finest

Whether light, blind or temperature control - Schneider Electric switch ranges are so diverse, that each taste will find the suitable design and each requirement the right function.

Unica



Convincing thanks to first-class materials



KNX push-button

KNX push-button with IR receiver

KNX push-button, 2-gang

KNX room temperature control unit



KNX movement detector

Colour variants



Unica frames are available in five colour and material variants.

Altira



Wide diversity in functions for every requirement



KNX push-button

KNX push-button with IR receiver

KNX push-button, 2-gang

KNX room temperature control unit



KNX movement detector

Colour variants



Altira frames are available in many appealing colours.

* Make the most of your energy

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*This document has been printed
on ecological paper*

Publishing: Schneider Electric Industries SAS
Design: Breitbanddesign AG
Illustrations: Breitbanddesign AG
Photos: Constantin Meyer Photographie, Divis
Photo location: Residential Cologne, Germany
Printing: