Eltako Professional Smart Home –
The intelligent system in the building

Intelligent solutions for your electrical installation

Discover the many different possibilities

Eltako Professional Smart Home
That's why our Smart Home is "professional"

70 years of experience in smart building systems

The name of Eltako has stood for performance and inventiveness for over 70 years – for a high level of capabilities and quality in the development and production of innovative products for building installation and control systems.

Safe investment

Every day, totally new manufacturers launch new Smart Home solutions on the market. But can they offer them with a clear conscience to their long-term customers? Do you know whether the components in their devices meet your quality demands? Do you know whether these companies will continue to exist in future – and this also applies to spare parts?

Our name stands for tradition and quality. When you opt for **Eltako Professional Smart Home,** you choose a system which was developed based on many years of experience and which has a reliable future.

EnOcean wireless standard

Eltako Professional Smart Home is based on the world-wide EnOcean wireless standard. Exclusive EnOcean highlights include wireless pushbuttons and window/door contacts with energy generators. They have no batteries and are therefore maintenance-free. As a shareholder of EnOcean GmbH and promoter of the EnOcean Alliance, we stand for continuous development of the international EnOcean wireless standard.

Employees

Our sales and engineering team is present all over Europe and will support you to find a solution to your requirements. We can provide you with support either on site within 24 hours, or via our hotline, or via a WhatsApp chat. We accompany you from the design stage right through to start-up.

Development and quality Made in Germany

Eltako is a family-owned enterprise with its head offices in Fellbach, a town on the outskirts of Stuttgart in the German federal state of Baden-Wuerttemberg. The production plant for electromechanical switchgear and the central warehouse are located in Lossburg, a small town in the Black Forest. Electronic devices are manufactured in a factory in Shenzhen which is certified to ISO 9001-2015. Research and development, quality management, customer service, sales management and the central administration are located at the company's head offices in Fellbach.

5-year warranty

Starting in 2019, we offer a voluntary extended warranty period of 5 years from the data of manufacture on all products we supply bearing the ELTAKO label.

Eltako

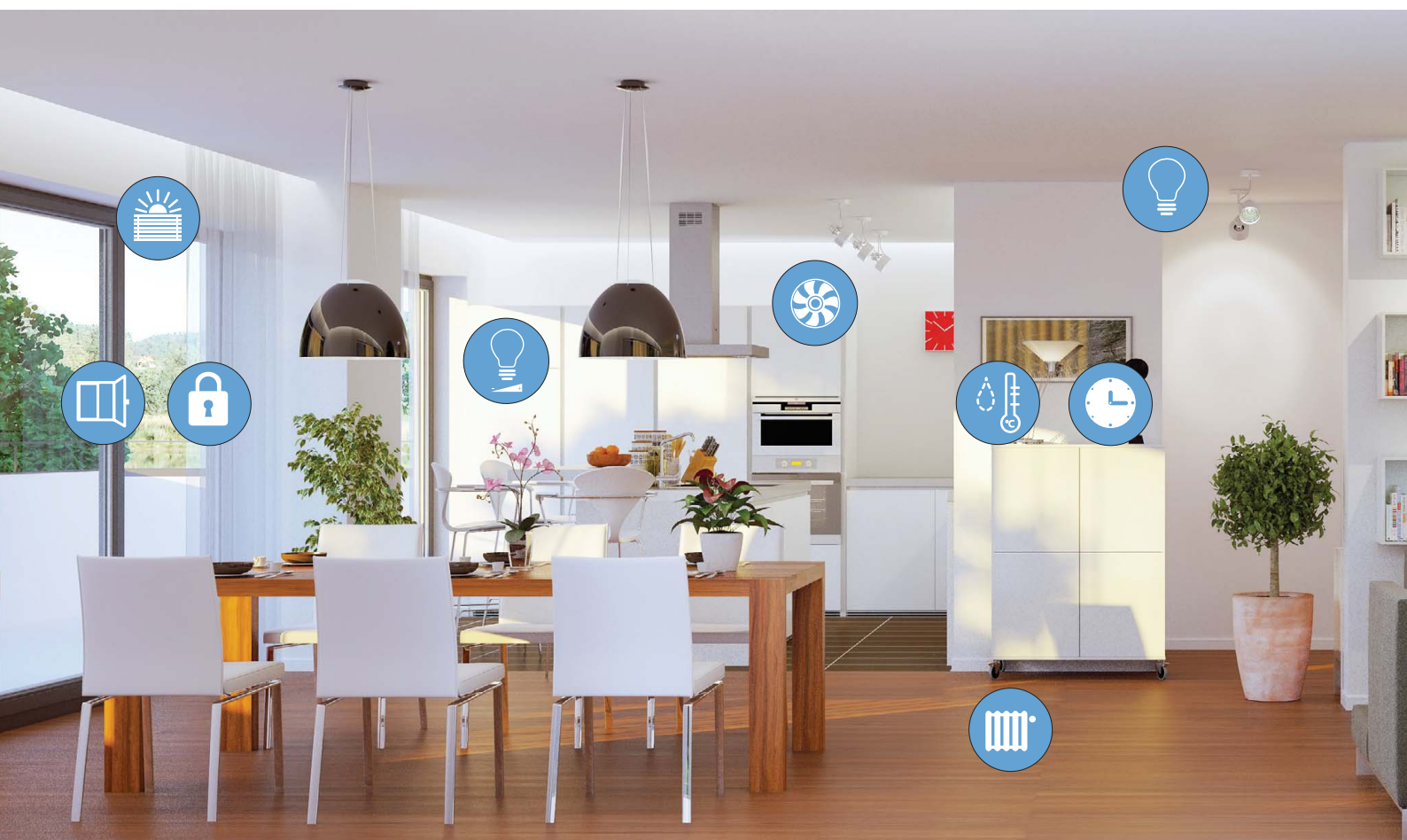Raise the level
of your
home comfort

with our
smart building
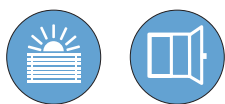control system

Index

Individual Smart Home solutions
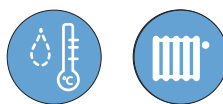## Versatile solutions for you at a glance

Lighting
Optimal lighting in all rooms. Dimmers and light scenarios create a cosy atmosphere.

Shading
Control roller shutters and blinds as required and automatically. The powered awning offers protection against sunlight.
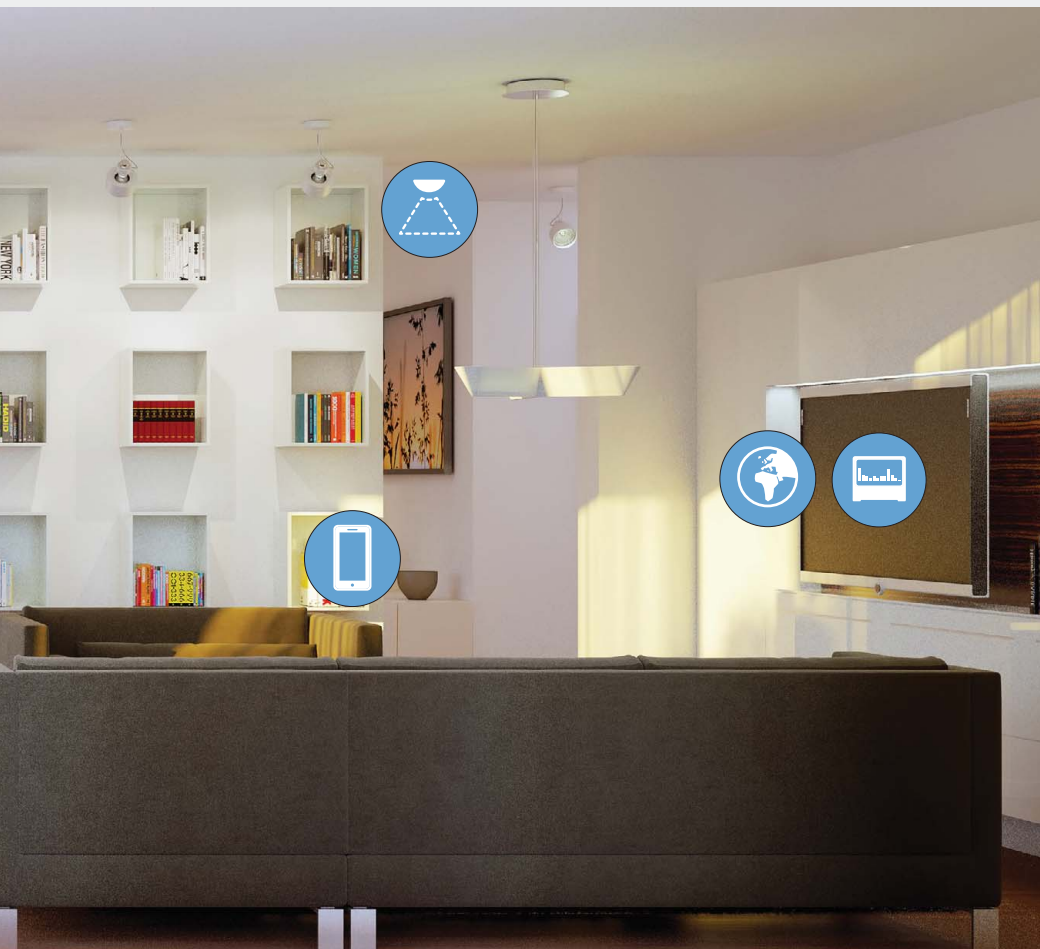
Heating
Regulate the temperature to suit your needs in every room. Energy-efficient temperature control and ideal heat distribution.

Comfort
Automatic switching thanks to motion detection and brightness sensors. Presence simulation with timers to control lighting, shading and heating.

Energy savings

Consumption monitoring and display on indicators or by software (Smart Metering). Automatic switch on and off of consumers to save energy.

Security

Display of open windows and doors. Warning signal in case of malfunction, break-in or emergency call. Encrypted wireless on request even inside the house.

Air conditioning

Fresh air at all times by the automatic switching of the air-conditioning system and window monitoring.

Networking

Installation or integration of a complete network system. Various access points to building installation functions.

Visualisation

Visualisation and control of building automation systems by software.

Mobile App

Remote access to the building via app, with smartphone, tablet or PC including camera connection. High-security end-to-end encryption.

No gentler way to wake up

Slowly it gets brighter in your bedroom. A time-controlled dimmer gently turns the lights up. Press the pushbutton installed next to your bedside table to open the roller shutters and switch off the lights. That's how simple and convenient it is! That's how to start into the day relaxed.
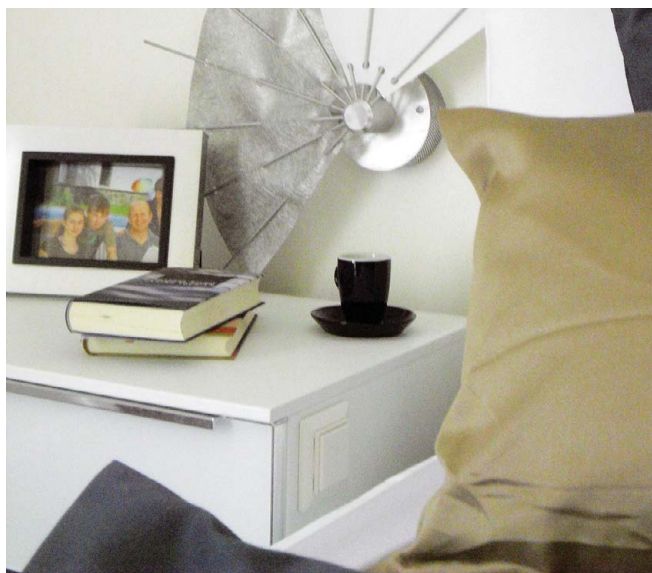
Smart Home control
for my home

Control, visualise and monitor your home using the convenience of a smartphone or tablet via the Smart Home control units MiniSafe, MiniSafeREG, SafeIV, PowerSafeIV or TouchIV. The Wireless Building app GFA2 or GFA4 keeps you fully in the picture at all times and it also has all the functions so that you can operate them either inside your home or even from a foreign country while you're on holiday.

A connection from your mobile terminal is secure through end-to-end encryption.
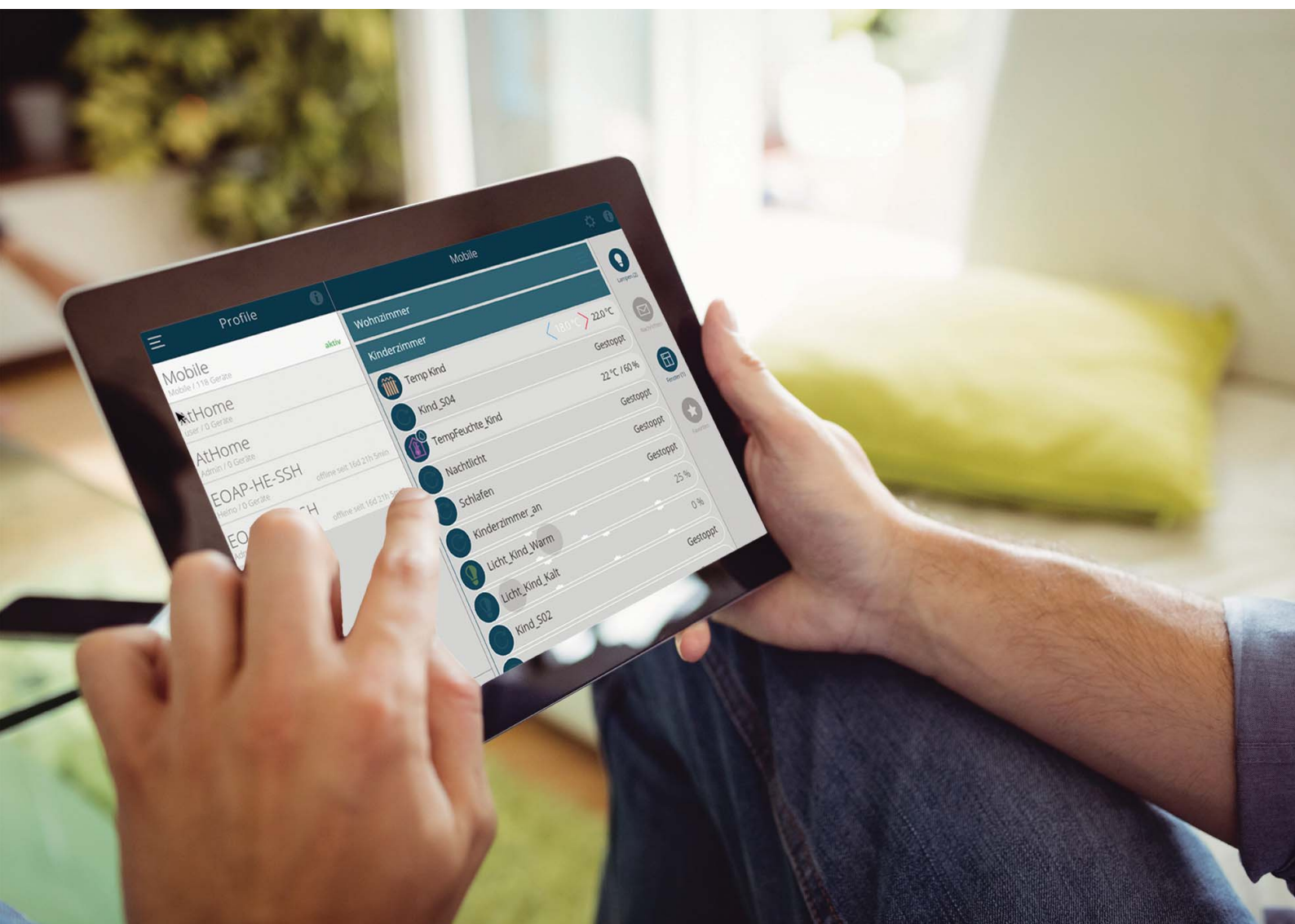
Tap the Central Off pushbutton to switch all electrical systems to power saving mode when you leave the house.

All the lights and consumers are switched off immediately and room temperature is reduced if required.
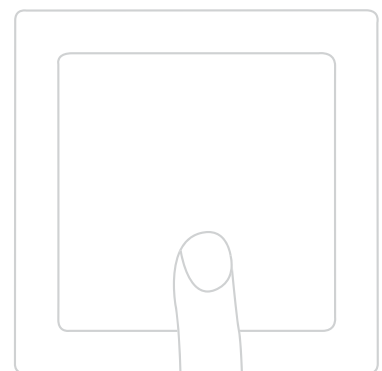
F4T65
Wireless 4-way pushbutton with rocker without battery or wire

F4T65
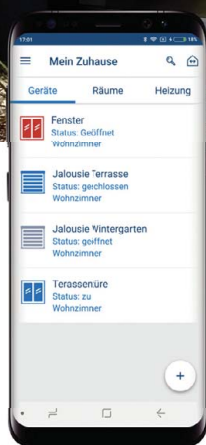Wireless 4-way pushbutton with double rocker without battery or wire

F1FT65
Wireless 1-way flat pushbutton without battery or wire

Saving energy all by itself

Do you select the functions of your shading system by means of central commands – dependent on time and brightness – or do you prefer to press a pushbutton in the room you're in?

Perfect coordination of smart sensors and easy operation provides you with greater convenience and increased security.

FTKE
Wireless window/door contact with energy generator

FTK und FTKB
Wireless window/door contact

FFG7B-rw
Wireless window handle sensor

The house in your pocket

A thunderstorm is approaching – are all the windows shut? Are the blinds and awnings in retracted position?

Just let me check again ... It's so simple by smartphone or tablet while you're on the move.
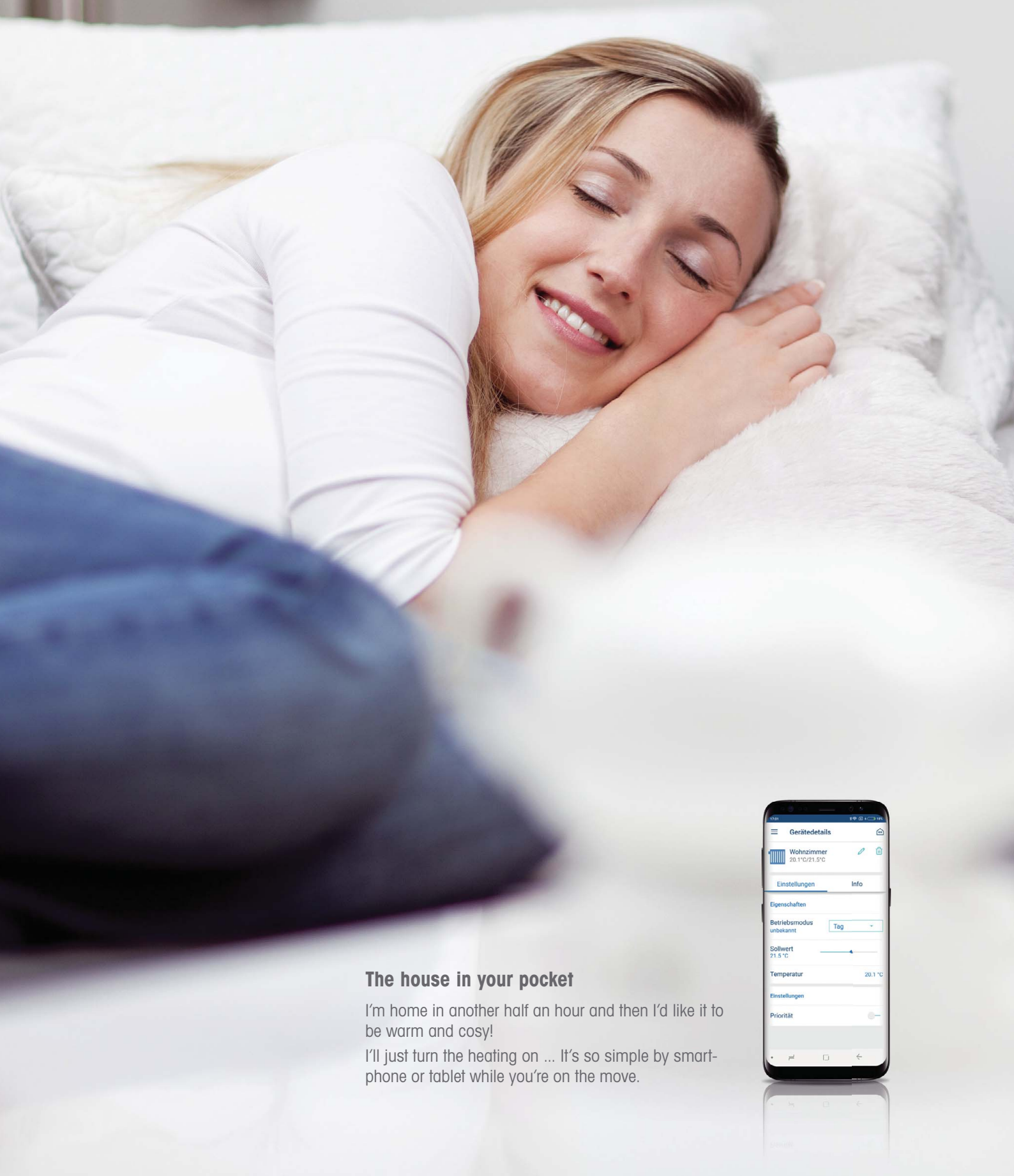
The house in your pocket

I'm home in another half an hour and then I'd like it to be warm and cosy!

I'll just turn the heating on ... It's so simple by smartphone or tablet while you're on the move.
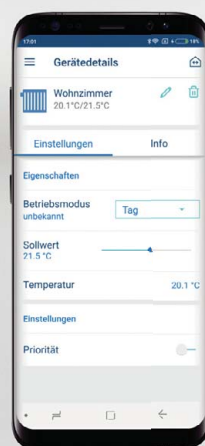
Just feel at home

The convenient temperature control makes it nice and cosy in every room. Just the way you want it. The right climate whatever the season, whether it's spring, summer, autumn or winter.

Individual room control not only distributes heat optimally, it also helps save energy.

A window contact turns your heating system into an energy saver. As soon as you open the window, the set temperature drops automatically.

A timer can even control the temperature in each room depending on use and time.

FUTH65D/230V-wg
Wireless clock thermometer and hygrostat with display

FTR78S-wg
Wireless temperature controller with rotary knob

FTR65HB-wg
Wireless temperature controller with hand wheel

FTR65DSB-wg
Wireless temperature controller with display

FTR65HS-wg
Wireless temperature controller with hand wheel

FKS-MD15
Wireless small actuator for radiators

FKS-E
Wireless small actuator for radiators

TF-FKS
Wireless small actuator SmartDrive

Home at last and everything's on

You turn into the drive. The motion detector recognises you and switches the drive lights on. You tap a pushbutton and the garage door opens. The outdoor and garden lights switched on automatically when the sun sets to offer additional security.

The house awakes from day mode when you press a central pushbutton on the front door or you activate it remotely from your smartphone. The consumers, which were switched off to save energy when you left the house, are switched back on when you come home.

Are you trying to open the door and turn the lights on with your hands full of heavy shopping bags? No problem! The motion detector simply takes over control and switches the lights on.

FMH1W-sz
Wireless mini hand-held transmitter

FBH65S
Wireless motion/brightness sensor

FBH65TFB
Wireless motion/brightness sensor with temperature and humidity sensor

FIH65B
Wireless indoor brightness sensor

F4T65
Wireless 4-way pushbutton with rocker without battery or wire as central wireless pushbutton

Enjoy your evenings after work ...

Choose the right light scenario for every occasion at the press of a button, whether you're enjoying an evening meal, watching TV on the couch or just reading a book.

FF8-al/anso
Wireless remote control

FFD-al/anso
Wireless remote control with display

FSUD-230V
Socket universal dimmer switch

Getting older also means making things more convenient

Various convenience functions are simply integrated in the existing electrical installation.

Wireless sensors detect motion in the room and switch on the necessary lights automatically. They are genuine energy savers at the same time – when you leave the room, the lights switch off by themselves.

In addition, light scenarios create a cosy atmosphere and you can choose one to suit your mood.

The house in your pocket

When you're out of the house, you can call up the image taken from your surveillance camera, e.g. the camera in the front door intercom.

I'll just take a look ... It's so simple by smartphone or tablet when you're not at home.
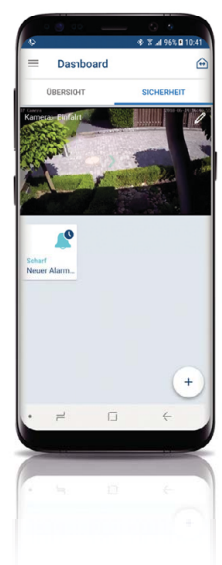
Enjoy your retirement ...
while you're on holiday or at home

Timers make sure that your home looks occupied even when you're not there. Time or sensor controlled functions switch lights on and off or move roller shutters up and down.

Whether everything is really in order at home is easy to check from a distance – thanks to remote access.

Elderly people in particular have a greater need for security – the Eltako Wireless Building is AAL ready

The term AAL (ambient assisted living) means providing an environment that is suitable for senior citizens by equipping it with smart technologies. The Eltako Wireless Building supplies flexible sensors and multifunctional actuators to allow assisted living suitable for senior citizens.

The Eltako Wireless Building offers security in a very simple way. Transmitters with no batteries can be mounted anywhere within easy reach. When pressed or pulled, they send a wireless signal which may trigger an LED to indicate a possible emergency call. At the same time, care staff or family members can be notified by text or email.

FZS65
Wireless pull switch

Save energy, reduce costs, preserve the environment

The Eltako Wireless Building also offers Smart Metering – genuine energy management that ranges from a cost-effective solution for a flat to a professional solution in large buildings.

Monitoring power consumption is an accepted way to increase awareness of energy consumption and realise which consumers drive up costs at particular times of the day. When counter-measures then cut in automatically, e.g. high consumption appliances are only switched on at off peak times, these realisations and efforts take on an ecological and economically aspect.

Consumption figures are captured by the Building Wireless system and displayed on indicators or by software. As user, you can actively intervene to control consumption at any time. This reveals power wasters so that appliances can be switched on or off to save electricity.

Optimising electricity consumption in this way not only makes enormous savings, it also helps preserve the environment at the same time.

FEA65D-wg
Wireless energy consumption indicator with display

DSZ14DRS-3x65A
RS485 bus three-phase energy meter
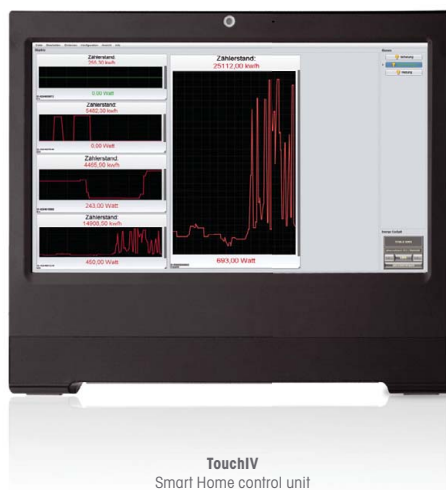
TouchIV
Smart Home control unit
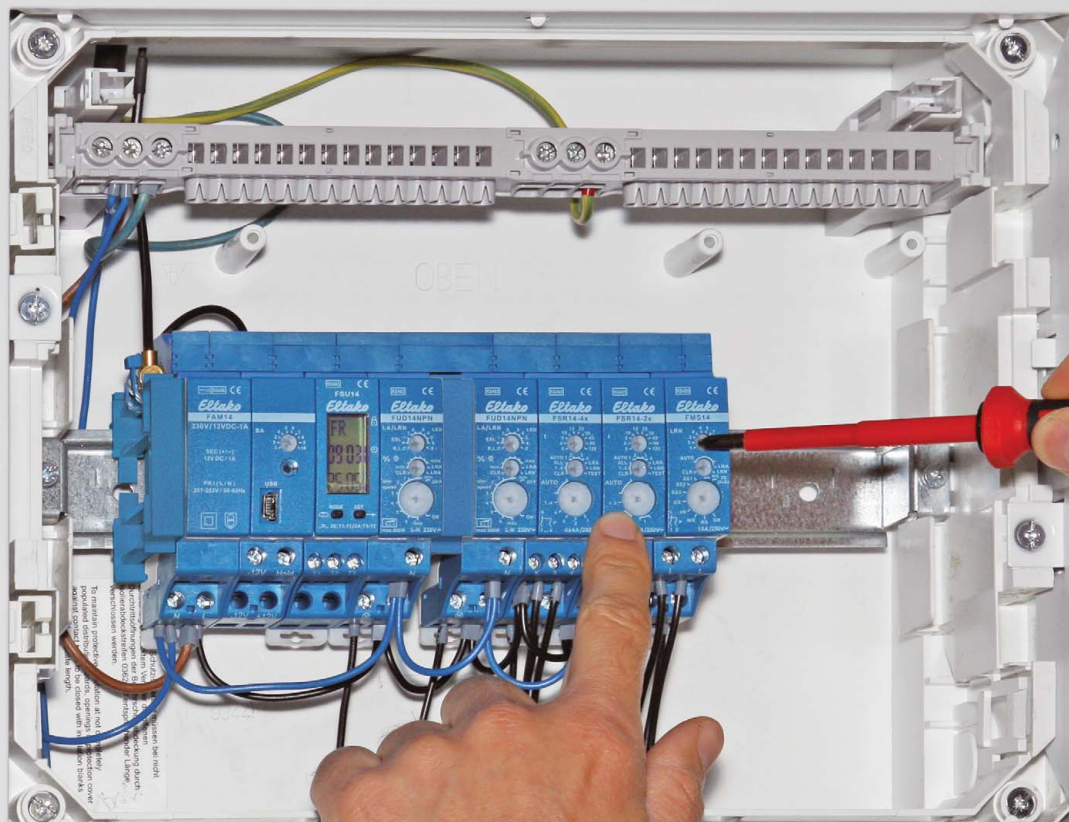
Centralised Wireless Building installation

In the centralised Wireless Building installation, wireless actuators are fitted centrally in distributor boxes to control individual functions from there. Jumpers enable communication between the devices and supply the power needed.

Wireless pushbuttons and sensors can be fitted wherever they are required, to walls, ceilings, on glass or furniture without having to route additional wiring.

The Wireless Building installation is configured manually or by using the PCT14 software which provides an extensive number of optional settings and is a quick method to teach in devices.
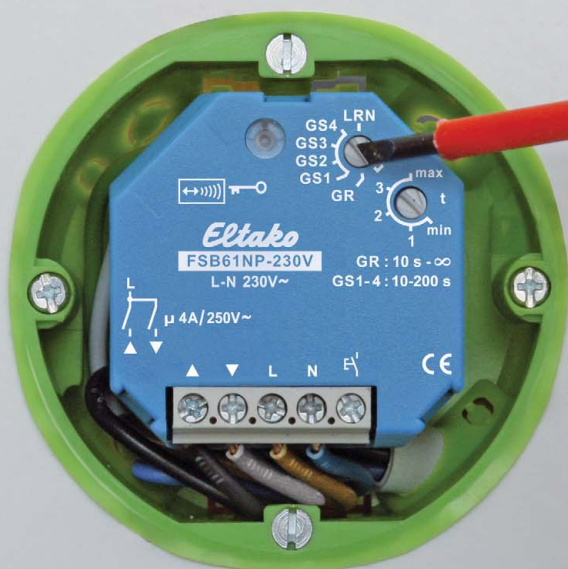
Decentralised Wireless Building installation

In the decentralised Wireless Building installation, wireless actuators are usually fitted to control individual functions from there. Teach-in is performed manually on each device by means of rotary switches.

Wireless pushbuttons and sensors can be fitted wherever they are required, to walls, ceilings, on glass or furniture.

This is a simple and cost-effective way to implement all Wireless Building applications without the additional need to route wiring and is especially interesting for renovating or refurbishing buildings or to supplement conventional electrical installations.

The innovative Smart Home wireless system

with EnOcean technology

enocean®

Product overview

Series 14 – a new chapter in the centralised installation of wireless actuators

FAM14	Wireless antenna module	EAN 4010312313695	**102,80 €/pc.**
FA250	Wireless antenna with 250 cm cable, black	EAN 4010312300244	**21,10 €/pc.**
FA250-gw	Wireless antenna with 250 cm cable, grey white	EAN 4010312317051	**21,10 €/pc.**
FA200	High-performance receive antenna with 200 cm cable	EAN 4010312303306	**68,50 €/pc.**
FEM	Wireless receiver antenna module for the RS485 sub-bus	EAN 4010312313848	**78,80 €/pc.**
FEM65-wg	Wireless receiver antenna module pure white glossy for the RS485 sub-bus	EAN 4010312315934	**83,40 €/pc.**
FGW14	RS485 bus gateway	EAN 4010312313855	**56,60 €/pc.**
FGW14-USB	RS485 bus gateway with USB connection	EAN 4010312316054	**56,60 €/pc.**
USB extension cord	USB extension cord	EAN 4010312907702	**11,00 €/pc.**
FGSM14	Wireless GSM module Germany with dataflat for two years	EAN 4010312314098	**275,00 €/pc.***
FGSM14E	Wireless GSM module Export without dataflat	EAN 4010312315637	**205,00 €/pc.***
FGSM-Comm	Data communication packet M2M for the FGSM14E, flat for 2 years	EAN 4010312316795	**96,00 €/pc.***

* The software part is not discountable.

FDG14	DALI gateway	EAN 4010312316085	**87,50 €/pc.**
FWG14MS	RS485 bus weather data gateway	EAN 4010312316887	**56,60 €/pc.**
BGW14	Bus gateway	EAN 4010312319062	**56,60 €/pc.**
FSM14-UC	Wireless transmitter module	EAN 4010312316078	**58,00 €/pc.**
F3Z14D	RS485 bus wireless meter collector	EAN 4010312501528	**49,90 €/pc.**
AFZ	Scanner for each Ferraris meter	EAN 4010312315576	**250,40 €/pc.**
FSDG14	RS485 bus wireless energy meter data gateway	EAN 4010312316146	**45,10 €/pc.**
AIR	IR scanner for energy meters	EAN 4010312316153	**110,30 €/pc.**
FSR14-4x	RS485 bus actuator 4-channel impulse switch	EAN 4010312313701	**51,90 €/pc.**
FSR14-2x	RS485 bus actuator 2-channel impulse switch	EAN 4010312313718	**53,50 €/pc.**
F4SR14-LED	RS485 bus actuator 4-channel impulse switch	EAN 4010312317006	**66,50 €/pc.**
FSR14SSR	RS485 bus actuator 2-channel impulse switch noiseless	EAN 4010312313893	**57,50 €/pc.**
FMS14	RS485 bus actuator multifunction impulse switch with integrated relay function	EAN 4010312313725	**42,20 €/pc.**
FSB14	RS485 bus actuator for shading elements and roller shutters	EAN 4010312313732	**53,20 €/pc.**

FUD14	RS485 bus actuator universal dimmer switch	EAN 4010312313749	**61,00 €/pc.**
FUD14/800W	RS485 bus actuator universal dimmer switch	EAN 4010312313756	**87,50 €/pc.**
FLUD14	Capacity enhancer for universal dimmer switch	EAN 4010312313763	**62,20 €/pc.**
FSG14/1-10V	RS485 bus actuator dimmer switch controller for electronic ballast 1-10V	EAN 4010312313770	**57,80 €/pc.**
FMZ14	RS485 bus actuator multifunction time relay	EAN 4010312313787	**40,60 €/pc.**
FTN14	RS485 bus actuator staircase lighting time delay switch	EAN 4010312313794	**43,70 €/pc.**
FFR14	RS485 bus actuator mains disconnection relay	EAN 4010312313800	**43,40 €/pc.**
FZK14	RS485 bus actuator time relay for card switch or smoke alarm	EAN 4010312313817	**43,90 €/pc.**
FHK14	RS485 bus actuator heating/cooling relay	EAN 4010312313824	**43,40 €/pc.**
F4HK14	RS485 bus actuator heating/cooling relay with 4 channels	EAN 4010312314982	**51,90 €/pc.**
F2L14	RS485 bus actuator 2-speed fan relay, 1+1 NO contacts potential free 10A/250V AC	EAN 4010312316160	**54,90 €/pc.**
FSU14	RS485 bus display timer	EAN 4010312313831	**55,70 €/pc.**
FMSR14	RS485 bus multifunction sensor relay	EAN 4010312314111	**55,70 €/pc.**
FWS61-24V DC	Wireless weather data transmitter module	EAN 4010312301937	**65,10 €/pc.**

MS Multisensor	Multisensor	EAN 4010312901731	**246,60 €/pc.**
FWZ14-65A	RS485 bus wireless single-phase energy meter transmitter module, maximum current 65 A. Only 0.5 watt standby loss	EAN 4010312501511	**61,10 €/pc.**
DSZ14DRS-3x80A MID	RS485 bus wireless three-phase energy meter with display, MID approval	EAN 4010312501733	**165,00 €/pc.**
DSZ14WDRS-3x5A MID	RS485 bus wireless three-phase two-way energy meter with display, MID approval	EAN 4010312501450	**172,00 €/pc.**
FRP14	1 and 2 level wireless repeater	EAN 4010312313879	**83,10 €/pc.**
FTD14	RS485 telegram duplicator	EAN 4010312315705	**84,80 €/pc.**
FAE14SSR	RS485 bus actuator single room control, heating/cooling for 2 zones with solid state relay	EAN 4010312314173	**59,20 €/St.**
FAE14LPR	RS485 bus actuator single room control, heating/cooling for 2 zones	EAN 4010312314234	**51,90 €/pc.**
TSA02NC-230V	Actuator NC, 230V	EAN 4010312314425	**25,30 €/pc.**
TSA02NC-24V	Actuator NC, 24V	EAN 4010312314432	**25,30 €/pc.**
MA14-lr	Module cover left and right	EAN 4010312314449	**1,00 €/pc.**
MA14-2m	Module cover 2 centre pieces	EAN 4010312314456	**1,00 €/pc.**
STE14	Power input	EAN 4010312314029	**18,00 €/pc.**
SAS-4TE	Bus bars 4 PU	EAN 4010312314036	**10,70 €/pc.**

SAS-5TE	Bus bars 5 PU	EAN 4010312314043	**11,00 €/pc.**
SAS-6TE	Bus bars 6 PU	EAN 4010312314050	**11,80 €/pc.**
SAS-7TE	Bus bars 7 PU	EAN 4010312314067	**12,80 €/pc.**
SAS-8TE	Bus bars 8 PU	EAN 4010312315187	**14,00 €/pc.**
SAS-9TE	Bus bars 9 PU	EAN 4010312315170	**14,80 €/pc.**
BBV14	Bus jumper connector	EAN 4010312315248	**22,40 €/pc.**
FBA14	RS485 bus coupler	EAN 4010312313862	**22,40 €/pc.**
FSNT14-12V/12W	Power supply unit 12 V/12 W	EAN 4010312315095	**46,90 €/pc.**
DS14	Spacer 1/2 module wide = 9 mm wide	EAN 4010312907016	**1,00 €/pc.**
GBA14	Housing for operating instruments, white-blue	EAN 4010312906422	**2,10 €/pc.**
FUA12-230V	Wireless universal actuator with exchangeable antenna. Impulse switch with integrated relay function with 1 change over contact potential free 10 A/250V AC	EAN 4010312316955	**111,60 €/pc.**
FAM-USB	Wireless antenna module for GFVS-Energy	EAN 4010312312971	**79,90 €/pc.**
FSS12-12V DC	Wireless energy meter transmitter module for connection to S0 interface of many energy meters	EAN 4010312301944	**87,00 €/pc.**

The remote switch system FTS14 – Modular RS485 bus
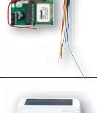
	FTS14EM	Input module for the Eltako RS485 bus	EAN 4010312315071	**56,40 €/pc.**
	FTS14KS	FTS14 communication interface	EAN 4010312315651	**74,90 €/pc.**
	RLC-Glied	Range extension for FTS14TG	EAN 4010312907092	**3,80 €/pc.**
	FTS14TG	Pushbutton gateway for FTS14 systems	EAN 4010312315088	**70,40 €/pc.**
	B4FT65-wg	Bus 4-way flat pushbutton pure white glossy in E-design, only 11 mm high	EAN 4010312315682	**40,90 €/pc.**
	B4T65-wg	Bus 4-way pushbutton pure white glossy in E-design, only 16 mm high	EAN 4010312315675	**40,90 €/pc.**
	FTS61BTK	Bus pushbutton coupler for connection to pushbutton gateways	EAN 4010312315668	**40,30 €/pc.**
	FTS61BTKL	Bus pushbutton coupler for feedback LED	EAN 4010312316801	**45,80 €/pc.**
	FTS14FA	Wireless output module for FTS14 systems	EAN 4010312315101	**87,30 €/pc.**
	FTS14GBZ	Gateway for ESB61ZK	EAN 4010312316399	**77,10 €/pc.**
	ESB61ZK-230V	Impulse switch for shading element and roller shutters with central control for low voltage in conjunction with FTS14GBZ gateway	EAN 4010312109588	**55,10 €/pc.**

Wireless actuators for the decentralised Wireless Building installation

FSR61NP-230V	Wireless actuator impulse switch w/ integr. relay function 230V. 1 NO contact not potential free 10A/250V AC.	EAN 4010312300190	**80,40 €/pc.**
FSR61NP-230V+FTK-rw	Wireless actuator impulse switch w/ integr. relay function 230V+FTK-rw. 1 NO contact not potential free 10A/250V AC	EAN 4010312300916	**155,30 €/pc.**
FSR61/8-24V UC	Wireless actuator impulse switch w/ integr. relay function 230V. 1 NO contact potential free 10A/250V AC.	EAN 4010312301357	**77,00 €/pc.**
FSR61-230V	Wireless actuator impulse switch w/ integr. relay function 230V. 1 NO contact potential free 10A/250V AC.	EAN 4010312301531	**78,40 €/pc.**
FSR61G-230V	Wireless actuator impulse switch with integrated relay function	EAN 4010312313886	**81,80 €/pc.**
FSR61LN-230V	Wireless actuator impulse switch with integr. relay function 230V ffor bipolar switching of L and N	EAN 4010312313190	**80,40 €/pc.**
FSR61VA-10A	Wireless actuator impulse switch w/ integr. relay function w/ current measurement. 1 NO contact not potential free 10A/250V AC.	EAN 4010312311462	**81,90 €/pc.**
FMS61NP-230V	Wireless actuator Multifunction impulse switch 230V. 1+1 NO contacts not potential free 10A/250V AC	EAN 4010312300268	**82,40 €/pc.**
FLC61NP-230V	Wireless actuator light controller 230V	EAN 4010312312032	**81,80 €/pc.**
FUD61NP-230V	Wireless actuator Universal dimmer switch without N, 230V. Power MOSFET 300W.	EAN 4010312300183	**96,10 €/pc.**
FUD61NPN-230V	Wireless actuator Universal dimmer switch 230V. Power MOSFET 300W.	EAN 4010312300299	**99,90 €/pc.**
FKLD61	Wireless actuator constant current LED dimmer switch	EAN 4010312314357	**100,00 €/pc.**

	FLD61	Wireless actuator PWM LED dimmer switch	EAN 4010312315255	**94,40 €/pc.**
	FSB61-230V	Wireless actuator Without N connectionfor shading elements and roller shutters 230V. 1+1 NO contact not potential free 4A	EAN 4010312317235	**86,80 €/pc.**
	FSB61NP-230V	Wireless actuator for shading elements and roller shutters 230V. 1+1 NO contact not potential free 4A/250V AC.	EAN 4010312300213	**86,80 €/pc.**
	FTN61NP-230V	Wireless actuator Staircase off-delay timer 230V. 1 NO contact not potential free 10A/250V AC.	EAN 4010312300206	**80,80 €/pc.**
	FMZ61-230V	Wireless actuator Multifunction time relay 230V. 1 NO contact potential free 10A/250V AC, incandescent lamps up to 2000 watts.	EAN 4010312302293	**77,70 €/pc.**
	FHK61-230V	Wireless actuator Heating/cooling relay 230V. 1 NO contact potential free 10A/250V AC.	EAN 4010312302309	**82,10 €/pc.**
	FHK61U-230V	Wireless actuator heating relay	EAN 4010312315118	**81,80 €/pc.**
	FHK61SSR-230V	Wireless actuator heating/cooling relay with solid state relay	EAN 4010312314906	**85,50 €/pc.**
	FFR61-230V	Wireless actuator 230V. 1+1 NO contacts not potential free 10A/250V AC, incandescent lamps up to 2000 watts	EAN 4010312303221	**86,00 €/pc.**
	FZK61NP-230V	Wireless actuator time relay for card switch or smoke alarm 230V. 1+1 NO contacts not potential free 10A/250V AC	EAN 4010312304273	**81,10 €/pc.**
	FSM61-UC	Funk-2-fach-Sendemodul	EAN 4010312300152	**57,70 €/pc.**
	FWS61-24V DC	Wireless 2-fold transmitter module	EAN 4010312301937	**65,10 €/pc.**
	MS Multisensor	Multisensor	EAN 4010312901731	**246,60 €/pc.**
	SNT61-230V/ 24VDC-0,25A	Power supply unit 230V/24V DC-0,25A	EAN 4010312301326	**45,00 €/pc.**

Article	Description	EAN	Price
FSR71NP-230V	Wireless actuator impulse switch with integr. relay function	EAN 4010312316221	**81,90 €/pc.**
FSR71NP-2x-230V	Wireless actuator 2 channel impulse switch with integr. relay function	EAN 4010312316245	**113,40 €/pc.**
FSR71-2x-230V	Wireless actuator 2 channel impulse switch with integr. relay function	EAN 4010312316252	**112,00 €/pc.**
FSR71NP-4x-230V	Wireless actuator 4 channel impulse switch with integr. relay function	EAN 4010312316269	**112,00 €/pc.**
FSB71-230V	Wireless actuator for shading elements and roller shutters	EAN 4010312316306	**90,00 €/pc.**
FSB71-2x-230V	Wireless actuator for shading elements and roller shutters with 2 channels	EAN 4010312316290	**112,70 €/pc.**
FSB71-24V DC	Wireless actuator for shading elements and roller shutters	EAN 4010312316962	**114,70 €/pc.**
FUD71-230V	Wireless actuator Universal dimmer switch 230V. Power MOSFET 400W.	EAN 4010312316207	**113,90 €/pc.**
FUD71L/1200W-230V	Wireless actuator Universal dimmer switch 230V. Power MOSFET up to 1200W.	EAN 4010312316412	**143,50 €/pc.**
FSG71/1-10V	Wireless actuator Dimmer switch controller for electronic ballast units 1-10V	EAN 4010312316283	**105,50 €/pc.**
FDG71L-230V	Wireless DALI gateway	EAN 4010312317556	**128,60 €/pc.**
FRGBW71L	Wireless actuator PWM Dimmer Switch for LED	EAN 4010312316450	**143,50 €/pc.**
FWWKW71L	Wireless actuator PWM Dimmer Switch for LED	EAN 4010312318928	**143,50 €/pc.**
DAT71	Data transformer to configure Series 71	EAN 4010312316351	**68,70 €/pc.**

Eltako Smart Home Professional | Recommended retail prices excluding VAT.

FSR70S-230V-rw	Wireless actuator impulse switch w/ integr. relay function 230V as cord switch, pure white. 1 NO contact not potential free 10A/250V AC	EAN 4010312301487	**84,40 €/pc.**
FUD70S-230V-rw	Wireless actuator universal dimmer switch as cord switch, pure white. Power MOSFET 400W	EAN 4010312301395	**102,80 €/pc.**
FSSA-230V	Wireless actuator socket switching actuator	EAN 4010312314562	**99,10 €/pc.**
FSVA-230V-10A	Wireless actuator socket switching actuator with current measurement	EAN 4010312314555	**105,90 €/pc.**
FSUD-230V	Wireless actuator socket universal dimmer switch	EAN 4010312314791	**122,10 €/pc.**
FSHA-230V	Wireless actuator socket heating actuator. 1 NO contact nor potential free 10A/250V AC	EAN 4010312318997	**99,10 €/pc.**
FGM	Wireless actuator wireless module for fitting in the 3xAA battery compartment	EAN 4010312303290	**65,30 €/pc.**
FAS260SA	Wireless outdoor siren 26x20x7cm with solar cell and lithium-polymer battery, white	EAN 4010312320075	**116,60 €/pc.**
FTA65D-wg	Wireless pushbutton actuator dimming, pure white glossy	EAN 4010312319185	**74,80 €/pc.**
FTA65DL-wg	Wireless pushbutton actuator dimming without N connection, pure white glossy	EAN 4010312319192	**74,80 €/pc.**
FTA65J-wg	Wireless pushbutton actuator shading, pure white glossy	EAN 4010312319208	**68,20 €/pc.**
FTA65L-wg	Wireless pushbutton actuator light switch, pure white glossy	EAN 4010312319215	**67,50 €/pc.**
FFTA65D-wg	Wireless flat pushbutton actuator dimming, pure white glossy	EAN 4010312319260	**79,80 €/pc.**
FFTA65DL-wg	Wireless flat pushbutton actuator dimming without N connection, pure white glossy	EAN 4010312319277	**79,80 €/pc.**

FFTA65J-wg	Wireless flat pushbutton actuator shading, pure white glossy	EAN 4010312319284	**68,80 €/pc.**
FFTA65L-wg	Wireless flat pushbutton actuator light switch, pure white glossy	EAN 4010312319291	**69,80 €/pc.**
FTA55D-wg	Wireless flat pushbutton actuator dimming, pure white glossy	EAN 4010312319222	**74,80 €/pc.**
FTA55DL-wg	Wireless flat pushbutton actuator dimming without N connection, pure white glossy	EAN 4010312319239	**74,80 €/pc.**
FTA55J-wg	Wireless flat pushbutton actuator shading, pure white glossy	EAN 4010312319246	**68,20 €/pc.**
FTA55L-wg	Wireless flat pushbutton actuator light switch, pure white glossy	EAN 4010312319253	**67,50 €/pc.**

Eltako Powerline

FPLG14	Wireless Powerline gateway	EAN 4010312316771	**91,60 €/pc.**
FPLT14	Wireless powerline tunnel gateway	EAN 4010312317723	**91,60 €/pc.**
PL-FTGW	Powerline pushbutton gateway	EAN 4010312316986	**166,40 €/pc.**
PL-SAM1L	Decentralised actuator with sensor input	EAN 4010312316665	**103,70 €/pc.**
PL-SAM2L	Decentralised actuator with sensor inputs	EAN 4010312316672	**105,40 €/pc.**
PL-SAM2	Venetian blind actuator with sensor inputs	EAN 4010312316689	**105,40 €/pc.**
PL-SAMDU	Decentralised universal dimmer actuator with sensor input	EAN 4010312316870	**119,60 €/pc.**
PL-AMD10V	Decentralised dimmer actuator 1-10 Volt	EAN 4010312316726	**105,40 €/pc.**
PL-SAM1LT	Decentralised TLZ actuator with sensor input	EAN 4010312316702	**105,40 €/pc.**
PL-SM1L	Decentralised sensor input 230V	EAN 4010312316740	**99,90 €/pc.**
PL-SM8	Decentralised 8-channel sensor input	EAN 4010312316719	**105,40 €/pc.**
PL-SAMTEMP	Temperature controller for heating and cooling	EAN 4010312316733	**198,90 €/pc.**
PL-SW-PROF	Coupling element for installation and configuration of the powerline devices PL	EAN 4010312316856	**333,40 €/pc.**

The blue wireless network in the building with MiniSafe, MiniSafe REG, SafeIV, PowerSafeIV, TouchIV and iRoom docking stations

SafeIV-rw	Smart Home control unit pure white w/ LAN and if need be GSM communication, 199x180x39 mm	EAN 4010312318287	**999,00 €/pc.**
SafeIV-sz	Smart Home control unit black w/ LAN and if need be GSM communication, 199x180x39 mm	EAN 4010312318805	**999,00 €/pc.**
GSM-Modem	GSM modem upgrade	EAN 4010312318836	**150,00 €/pc.**
PowerSafeIV-rw	Smart Home control unit with LAN and if need be GSM communication, pure white	EAN 4010312318294	**1999,00 €/pc.**
PowerSafeIV-sz	Smart Home control unit with LAN and if need be GSM communication, black	EAN 4010312319451	**1999,00 €/pc.**
FGSM14	Wireless GSM module Germany with dataflat for two years	EAN 4010312314098	**275,00 €/pc.***
FGSM14E	Wireless GSM module Export without dataflat	EAN 4010312315637	**205,00 €/pc.***
FGSM-Comm	Data communication packet M2M for the FGSM14E, flat for 2 years	EAN 4010312316795	**96,00 €/pc.***
GFVS-Client-5	Client license. 5 additional clients are activated	EAN 4010312316016	**149,90 €/pc.**
GFVS-Comm	Communication packet for SafeIV and PowerSafeIV with GSM modem	EAN 4010312314265	**398,00 €/pc.**
TouchIV-wg	The Smart Home control unit pure white glossy. Switch on, configure and use!	EAN 4010312318829	**999,00 €/pc.**
TouchIV-sz	The Smart Home control unit black. Switch on, configure and use!	EAN 4010312318812	**999,00 €/pc.**

* The software part is not discountable.

	VESA mount	For mounting TouchIV on the wall	EAN 4010312312629	**31,90 €/pc.**
	MiniSafe	Smart Home control unit	EAN 4010312319079	**297,00 €/pc.**
	MiniSafe REG	Smart Home control unit for DIN rail mounting	EAN 4010312319017	**308,80 €/pc.**
	FA250	Wireless antenna with 250cm cable, black	EAN 4010312300244	**21,10 €/pc.**
	FA250-gw	Wireless antenna with 250cm cable, grey white	EAN 4010312317051	**21,10 €/pc.**
	HDR-30-5	Power supply unit 5V/15W for MiniSafe REG, 2 PU	EAN 4010312318874	**42,10 €/pc.**
	EAP165	IP gateway for Safe and Touch with GFVS	EAN 4010312319130	**299,80 €/pc.**
	fixDock-iPad5-w-HV	Docking station with charging function, white	EAN 4010312319499	**429,50 €/St.**
	fixDock-iPad5-b-HV	Docking station with charging function, black	EAN 4010312319482	**429,50 €/pc.**
	fixDock-Mini4-w-HV	Docking station with charging function, white	EAN 4010312319512	**409,00 €/pc.**
	fixDock-Mini4-b-HV	Docking station with charging function, black	EAN 4010312319505	**409,00 €/pc.**
	surDock-iPad-5-w	Docking station with charging function, white	EAN 4010312320150	**479,00 €/pc.**
	surDock-iPad-5-b	Docking station with charging function, black	EAN 4010312320150	**479,00 €/pc.**
	surDock-iPad-10,5"-w	Docking station with charging function, white	EAN 4010312320174	**499,00 €/pc.**

surDock-iPad-10,5"-b	Docking station with charging function, black	EAN 4010312320181	**499,00 €/pc.**
surDock-iPad-mini-w	Docking station with charging function, white	EAN 4010312320198	**416,00 €/pc.**
surDock-iPad-mini-b	Docking station with charging function, black	EAN 4010312320204	**416,00 €/pc.**
LWA-5	Docking station with charging function and motor, white	EAN 4010312319550	**899,00 €/pc.**
LBA-5	Docking station with charging function and motor, black	EAN 4010312319543	**899,00 €/pc.**
LWG-5	Docking station with charging function and motor, white	EAN 4010312319574	**999,00 €/pc.**
LBG-5	Docking station with charging function and motor, black	EAN 4010312319567	**999,00 €/pc.**
LWG-Code-5	Docking station with charging function and motor, white	EAN 4010312319598	**1199,00 €/pc.**
LBG-Code-5	Docking station with charging function and motor, black	EAN 4010312319581	**1199,00 €/pc.**
miniDock4-w-mV	Docking station with charging function and motor, white	EAN 4010312319536	**747,20 €/pc.**
miniDock4-b-mV	Docking station with charging function and motor, black	EAN 4010312319529	**747,20 €/pc.**
iBezel-5-w	Docking station with charging function and motor, white	EAN 4010312319611	**1299,00 €/pc.**
iBezel-5-b	Docking station with charging function and motor, black	EAN 4010312319604	**1299,00 €/pc.**
iTop-Pro-w	Desktop docking station with charging function, white	EAN 4010312319635	**899,00 €/pc.**

iTop-Pro-b	Desktop docking station with charging function, black	EAN 4010312319628	**899,00 €/pc.**
iTop-Plus-w	Desktop docking station with charging function, white	EAN 4010312319659	**999,00 €/pc.**
iTop-Plus-b	Desktop docking station with charging function, black	EAN 4010312319642	**999,00 €/pc.**
BB-B	Flush-mounted box for all iDock models, vertical or horizontal	EAN 4010312319666	**81,00 €/pc.**
BB-LAB	Flush-mounted box for all iDock models with glass or aluminium fronts, horizontal, black	EAN 4010312319673	**173,20 €/pc.**
BB-LAS	Flush-mounted box for all iDock models with glass or aluminium fronts, horizontal, silver	EAN 4010312319772	**173,20 €/pc.**
BB-Mini	miniDock flush-mounted box, silver	EAN 4010312319680	**111,70 €/pc.**
BB-Mini-AB	miniDock flush-mounted box, black	EAN 4010312319697	**142,50 €/pc.**

Active wireless sensors

	FABH65S-wg	Wireless outdoor motion/brightness sensor with solar cell, pure white glossy	EAN 4010312315798	**137,70 €/pc.**
	FAC65D-wg	Wireless alarm controller with display, pure white glossy	EAN 4010312319727	**95,20 €/pc.**
	FAH65S-wg	Wireless sensor outdoor brightness sensor with solar cell, pure white glossy	EAN 4010312315828	**107,40 €/pc.**
	FB65B-wg	Wireless motion sensor, pure white glossy	EAN 4010312317570	**86,90 €/pc.**
	FBH65B-wg	Wireless motion/brightness sensor, pure white glossy	EAN 4010312315767	**123,10 €/pc.**
	FBH65SB-wg	Wireless motion/brightness sensor with solar cell and battery, pure white glossy	EAN 4010312317914	**96,60 €/pc.**
	FBH65S-wg	Wireless motion/brightness sensor with solar cell, pure white glossy	EAN 4010312315781	**133,30 €/pc.**
	FBH65TFB-wg	Wireless motion/brightness sensor, pure white glossy	EAN 4010312315774	**149,80 €/pc.**
	FCO2TF65-wg	Wireless CO_2 sensor with signal, pure white glossy	EAN 4010312315880	**272,40 €/pc.**
	FEA65D-wg	Wireless energy consumption indicator with display, pure white glossy	EAN 4010312315903	**94,50 €/pc.**
	FFC65D/230V-wg	Wireless window controller with display, pure white glossy	EAN 4010312317877	**95,20 €/pc.**
	FFT65B-wg	Wireless humidity temperature sensor, pure white glossy	EAN 4010312317587	**73,10 €/pc.**

	Model	Description	EAN	Price
	FIFT65S-wg	Wireless sensor indoor humidity temperature sensor with solar cell, pure white glossy	EAN 4010312315835	**114,80 €/pc.**
	FIH65B-wg	Wireless indoor brightness sensor, pure white glossy	EAN 4010312315804	**101,70 €/pc.**
	FIH65S-wg	Wireless sensor brightness sensor with solar cell, pure white glossy	EAN 4010312315811	**94,40 €/pc.**
	FSU65D/230V-wg	Wireless timer with display, pure white glossy	EAN 4010312317709	**99,20 €/pc.**
	FTF65S-wg	Wireless temperature sensor with solar cell, pure white glossy	EAN 4010312315873	**104,50 €/pc.**
	FTR65DSB-wg	Wireless sensor temperature controller with display, solar cell and battery pure white glossy	EAN 4010312319338	**99,80 €/pc.**
	FTR65HB-wg	Wireless temperature controller, pure white glossy	EAN 4010312317594	**77,90 €/pc.**
	FTR65SB-wg	Wireless temperature controller with solar cell and battery, pure white glossy	EAN 4010312319178	**91,80 €/pc.**
	FTR65HS-wg	Wireless sensor temperature controller with hand wheel and solar cell, pure white glossy	EAN 4010312315859	**105,20 €/pc.**
	FUTH65D/230V-wg	Wireless thermo clock/hygrostat with display, pure white glossy	EAN 4010312317693	**99,80 €/pc.**
	FWA65D-wg	Wireless sensor weather data display, pure white glossy	EAN 4010312315750	**102,20 €/pc.**
	FBHF65SB-wg	Wireless motion/brightness sensor with solar cell and battery, pure white glossy	EAN 4010312318591	**85,90 €/pc.**
	FFTF65B-wg	Wireless humidity temperature sensor, pure white glossy	EAN 4010312318607	**73,10 €/pc.**
	FTRF65HB-wg	Wireless temperature controller with battery, pure white glossy	EAN 4010312318973	**75,20 €/pc.**

	FTRF65SB-wg	Wireless temperature controller with solar cells and battery, pure white glossy	EAN 4010312318614	**83,30 €/pc.**
	FAC55D-wg	Wireless alarm controller with display, pure white glossy	EAN 4010312319710	**95,20 €/pc.**
	FBH55SB-wg	Wireless motion/brightness sensor with solar cells and battery, pure white glossy	EAN 4010312318355	**96,60 €/pc.**
	FSU55D/230V-wg	Wireless sensor timer with display, pure white glossy	EAN 4010312318010	**94,70 €/pc.**
	FTR55DSB-wg	Wireless sensor temperature controller with display, solar cells and battery, pure white glossy	EAN 4010312319345	**99,80 €/pc**
	FTR55HB-wg	Wireless temperature controller, pure white glossy	EAN 4010312317921	**80,10 €/pc.**
	FUTH55D/230V-wg	Wireless sensor thermo clock/hygrostat with display, pure white glossy	EAN 4010312318003	**99,80 €/pc.**
	FTR86B-ws	Wireless temperature controller, white	EAN 4010312318423	**93,10 €/pc.**
	FTR78S-wg	Wireless sensor temperature controller with solar cell, pure white glossy	EAN 4010312316030	**126,30 €/pc.**
	FABH130/230V-rw	Wireless outdoor motion/brightness sensor, pure white	EAN 4010312317617	**123,30 €/pc.**
	AFZ	Scanner for each Ferraris meter	EAN 4010312315576	**250,40 €/pc.**
	AIR	IR scanner for energy meters	EAN 4010312316153	**110,30 €/pc.**
	FAFT60	Wireless outdoor humidity temperature sensor 60x46mm, 30mm deep	EAN 4010312310120	**115,90 €/pc.**
	FAH60	Wireless outdoor brightness twilight sensor 60x46mm, 30mm deep	EAN 4010312305218	**98,70 €/pc.**

Eltako Smart Home Professional | Recommended retail prices excluding VAT.

FAH60B	Wireless sensor outdoor brightness twilight sensor	EAN 4010312316429	98,70 €/pc.
FRW-ws	Wireless sensor smoke alarm	EAN 4010312312308	102,20 €/pc.
FWS60	Water sensor to the FSM60B	EAN 4010312316108	23,60 €/pc.
FSM60B	Wireless transmitter module with battery for water sensors and pushbuttons	EAN 4010312316092	90,60 €/pc.
FWS81	Wireless water sensor	EAN 4010312316061	111,30 €/pc.
FKS-MD15	Small actuator, controlled by thermo clock/ hygrostat FUTH65D	EAN 4010312311103	128,70 €/pc.
FKS-E	Small actuator, controlled by thermo clock/ hygrostat FUTH65D	EAN 4010312316047	122,20 €/pc.
TF-FKS	Tap-radio® small actuator	EAN 4010312317389	136,50 €/pc.
FKS-SV	Small actuator Smart Valce	EAN 4010312319857	130,70 €/pc.
MS Multisensor	Multisensor	EAN 4010312901731	246,60 €/pc.
FTFB-wg	Wireless-temperature+humidity sensor, pure white glossy	EAN 4010312319147	68,70 €/pc.

Passive wireless sensors

F2T65-wg	Wireless 2-way pushbutton in E-Design pure white glossy, without battery or wire. With rocker	EAN 4010312319321	**39,80 €/pc.**
F4T65-wg	Wireless 4-way pushbutton without battery or wire, pure white glossy, with double rocker	EAN 4010312315965	**39,80 €/pc.**
F4T65B-wg	Wireless 4-way pushbutton without wire, pure white glossy, with rocker	EAN 4010312315972	**54,90 €/pc.**
F6T65B-wg	Wireless pushbutton in E-Design	EAN 4010312318584	**68,40 €/pc.**
F6T65B-Keypad	Wireless 6-way pushbutton as keypad, laser engraved with battery, pure white glossy	EAN 4010312319123	**74,90 €/pc.**
F2ZT65-wg	Wireless 2-way central control pushbutton, pure white glossy	EAN 4010312318751	**45,60 €/pc.**
FDT65B-wg	Wireless rotary switch in E-Design, pure white glossy	EAN 4010312317273	**61,70 €/pc.**
FTA65D-wg	Wireless pushbutton actuator dimming, pure white glossy	EAN 4010312319185	**74,80 €/pc.**
FTA65DL-wg	Wireless pushbutton actuator dimmer without N connection, pure white glossy	EAN 4010312319192	**74,80 €/pc.**
FTA65J-wg	Wireless pushbutton actuator shading, pure white glossy	EAN 4010312319208	**68,20 €/pc.**
FTA65L-wg	Wireless pushbutton actuator light switch, pure white glossy	EAN 4010312319215	**67,50 €/pc.**
FKF65-wg	Wireless sensor key card switch, pure white glossy	EAN 4010312316115	**51,60 €/pc.**

	Product	Description	EAN	Price
	FZS65-wg	Wireless sensor pull switch, pure white glossy	EAN 4010312316139	**65,90 €/pc.**
	FIW65-wg	Wireless sensor infrared converter, pure white glossy	EAN 4010312315941	**96,90 €/pc.**
	B4T65-wg	Bus 4-way pushbutton in E-design. With rocker and double rocker, pure white glossy	EAN 4010312315675	**40,90 €/pc.**
	WS65-wg	Rocker switch, pure white glossy	EAN 4010312317341	**12,20 €/pc.**
	WT65-wg	Rocker pushbutton, pure white glossy	EAN 4010312317334	**12,20 €/pc.**
	F2FZT65B-wg	Wireless 2-way central control pushbutton, pure white glossy	EAN 4010312318775	**45,60 €/pc.**
	F1FT65-wg	Wireless 1-way flat pushbutton with energy generator, pure white glossy	EAN 4010312315958	**37,90 €/pc.**
	F2FT65-wg	Wireless 2-way flat pushbutton with energy generator, pure white glossy	EAN 4010312319307	**39,80 €/pc.**
	F2FT65B-wg	Wireless 2-way flat pushbutton, pure white glossy	EAN 4010312319314	**53,60 €/pc.**
	F4FT65-wg	Wireless 4-way flat pushbutton with energy generator. With rocker and double rocker	EAN 4010312318485	**39,80 €/pc.**
	F4FT65B-wg	Wireless 4-way flat pushbutton. With rocker and double rocker, pure white glossy	EAN 4010312315989	**53,60 €/pc.**
	FDTF65B-wg	Wireless 1-way rotary switch flat, pure white glossy	EAN 4010312318843	**61,70 €/pc.**
	FFTA65D-wg	Wireless flat pushbutton actuator dimming, pure white glossy	EAN 4010312319260	**79,80 €/pc.**
	FFTA65DL-wg	Wireless flat pushbutton actuator dimmer without N connection, pure white glossy	EAN 4010312319277	**79,80 €/pc.**

FFTA65J-wg	Wireless flat pushbutton actuator shading, pure white glossy	EAN 4010312319284	**68,80 €/pc.**
FFTA65L-wg	Wireless flat pushbutton actuator light switch, pure white glossy	EAN 4010312319291	**69,80 €/pc.**
B4FT65-wg	Bus 4-way flat pushbutton. With rocker and double rocker, pure white glossy	EAN 4010312315682	**40,90 €/pc.**
F2T55E-wg	Wireless 2-way pushbutton E-Design 55x55 mm without battery and wire, pure white glossy	EAN 4010312319918	**39,80 €/pc.**
F2ZT55E-wg	Wireless 2-way central control pushbutton E-Design 55x55 mm without battery and wire, pure white glossy	EAN 4010312319994	**45,60 €/pc.**
F4T55E-al	Wireless 4-way pushbutton E-Design 55x55 mm without battery and wire, coated/aluminium paint	EAN 4010312319901	**48,80 €/pc.**
F4T55E-ws	Wireless 4-way pushbutton E-Design 55x55 mm without battery and wire, white	EAN 4010312319895	**39,80 €/pc.**
F4T55E-rw	Wireless 4-way pushbutton E-Design 55x55 mm without battery and wire, pure white	EAN 4010312319871	**39,80 €/pc.**
F4T55E-wg	Wireless 4-way pushbutton E-Design 55x55 mm without battery and wire, pure white glossy	EAN 4010312319833	**39,80 €/pc.**
F4T55E-sz	Wireless 4-way pushbutton E-Design 55x55 mm without battery and wire, black	EAN 4010312319888	**39,80 €/pc.**
F4T55E-an	Wireless 4-way pushbutton E-Design 55x55 mm without battery and wire, anthracite	EAN 4010312319864	**39,80 €/pc.**
F4T55EB-wg	Wireless 4-way pushbutton E-Design 55x55 mm without wire, pure white glossy, with battery. With rocker and double rocker	EAN 4010312319970	**53,70 €/pc.**
F4T55B-al	Wireless 4-way pushbutton 55x55 mm without wire coated/aluminium paint, with battery. With rocker and double rocker	EAN 4010312316467	**60,10 €/pc.**
F4T55B-ws	Wireless 4-way pushbutton 55x55 mm without wire white, with battery. With rocker and double rocker	EAN 4010312316511	**53,70 €/pc.**

F4T55B-rw	Wireless 4-way pushbutton 55x55mm without wire pure white, with battery. With rocker and double rocker	EAN 4010312316474	**53,70 €/pc.**
F4T55B-wg	Wireless 4-way pushbutton 55x55mm without wire pure white glossy, with battery. With rocker and double rocker	EAN 4010312316498	**53,70 €/pc.**
F4T55B-an	Wireless 4-way pushbutton 55x55mm without wire anthracite, with battery. With rocker and double rocker	EAN 4010312316504	**53,70 €/pc.**
F6T55B-wg	Wireless 6-way pushbutton with battery, pure white glossy	EAN 4010312318935	**68,40 €/pc.**
F6T55B-Keypad	Wireless 6-way pushbutton as keypad, laser engraved with battery, pure white glossy	EAN 4010312319116	**74,90 €/pc.**
FT55-al	Wireless 4-way pushbutton 55x55mm coated/aluminium paint without battery or wire, with rocker and double rocker	EAN 4010312305829	**48,80 €/pc.**
FT55-ws	Wireless 4-way pushbutton 55x55mm white without battery or wire, with rocker and double rocker	EAN 4010312308936	**41,00 €/pc.**
FT55-rw	Wireless 4-way pushbutton 55x55mm pure white without battery or wire, with rocker and double rocker	EAN 4010312305775	**41,00 €/pc.**
FT55-wg	Wireless 4-way pushbutton 55x55mm pure white glossy without battery or wire, with rocker and double rocker	EAN 4010312305799	**41,00 €/pc.**
FT55-sz	Wireless 4-way pushbutton 55x55mm black without battery or wire, with rocker and double rocker	EAN 4010312305782	**41,00 €/pc.**
FT55-an	Wireless 4-way pushbutton 55x55mm anthracite without battery or wire, with rocker and double rocker	EAN 4010312305805	**41,00 €/pc.**
FDT55B-wg	Wireless rotary switch 55x55mm, pure white glossy	EAN 4010312318256	**61,70 €/pc.**
FTA55D-wg	Wireless pushbutton actuator dimmer 55x55mm, pure white glossy	EAN 4010312319222	**74,80 €/pc.**
FTA55DL-wg	Wireless pushbutton actuator dimmer without N connection 55x55mm, pure white glossy	EAN 4010312319239	**74,80 €/pc.**

FTA55J-wg	Wireless pushbutton actuator shading 55x55mm, pure white glossy	EAN 4010312319246	**68,20 €/pc.**
FTA55L-wg	Wireless pushbutton actuator light switch 55x55mm, pure white glossy	EAN 4010312319253	**67,50 €/pc.**
FZT55-wg	Wireless 2-way central control pushbutton 55x55mm, pure white glossy	EAN 4010312318768	**45,60 €/pc.**
B4T55-ws	Bus 4-way pushbutton 55x55mm, white. With rocker and double rocker	EAN 4010312316597	**40,90 €/pc.**
B4T55-rw	Bus 4-way pushbutton 55x55mm, pure white. With rocker and double rocker	EAN 4010312316603	**40,90 €/St.**
B4T55-wg	Bus 4-way pushbutton 55x55mm, pure white glossy. With rocker and double rocker	EAN 4010312316580	**40,90 €/pc.**
B4T55-an	Bus 4-way pushbutton 55x55mm, anthracite. With rocker and double rocker	EAN 4010312316627	**40,90 €/pc.**
WS55-ws	Rocker switch 55x55mm, white	EAN 4010312317440	**9,90 €/pc.**
WS55-rw	Rocker switch 55x55mm, pure white	EAN 4010312317464	**9,90 €/pc.**
WS55-wg	Rocker switch 55x55mm, pure white glossy	EAN 4010312317433	**9,90 €/pc.**
WS55-an	Rocker switch 55x55mm, anthracite	EAN 4010312317488	**9,90 €/pc.**
WT55-ws	Rocker pushbutton 55x55mm, white	EAN 4010312317495	**9,90 €/pc.**
WT55-rw	Rocker pushbutton 55x55mm, pure white	EAN 4010312317501	**9,90 €/pc.**
WT55-wg	Rocker pushbutton 55x55mm, pure white glossy	EAN 4010312317518	**9,90 €/pc.**

Code	Description	EAN	Price
WT55-an	Rocker pushbutton 55x55 mm, anthracite	EAN 4010312317532	9,90 €/pc.
FT4BS-ws	Wireless 4-way pushbutton 55x55 mm Unica, Schneider-white. With rocker and double rocker	EAN 4010312314203	44,50 €/pc.
FT4B-cr	Wireless 4-way pushbutton 55x55 mm Pure / Intense / Original, Niko cream. With rocker and double rocker	EAN 4010312312995	44,50 €/pc.
FT4B-na	Wireless 4-way pushbutton 55x55 mm Pure / Intense / Original, Nikoanthracite. With rocker and double rocker	EAN 4010312314180	44,50 €/pc.
FT4B-nw	Wireless 4-way pushbutton 55x55 mm Pure / Intense / Original, Nikowhite. With rocker and double rocker	EAN 4010312312902	44,50 €/pc.
FT4BL-lw	Wireless 4-way pushbutton 55x55mm Mosaic, Legrand-white. With rocker and double rocker	EAN 4010312314197	44,50 €/pc.
FT4CH-hg	Wireless 4-way pushbutton without battery or wire, light grey, Swiss Design. With rocker and double rocker	EAN 4010312300985	44,50 €/pc.
FT4CH-sz	Wireless 4-way pushbutton without battery or wire, black, Swiss Design. With rocker and double rocker	EAN 4010312300992	44,50 €/pc.
FT4CH-w	Wireless 4-way pushbutton without battery or wire, white, Swiss Design. With rocker and double rocker	EAN 4010312300978	44,50 €/pc.
FT4CH+2P-w	Wireless 4-way pushbutton without battery or wire, white, Swiss Design. With rocker and double rocker, laser engraved	EAN 4010312312001	51,80 €/pc.
FT4S-ws	Wireless pushbutton Eljo sweden. With rocker and double rocker	EAN 4010312303191	44,50 €/pc.
FT55ES-wg	Wireless 4-way pushbutton Exxact sweden, without battery or wire. With rocker and double rocker	EAN 4010312314227	44,50 €/pc.
FT55RS-alpinweiß	Wireless 4-way pushbutton Sweden Jussi-white, without battery or wire. With rocker and double rocker	EAN 4010312314210	44,50 €/pc.
FT55EL-ws	Wireless 4-way pushbutton Finland eljo-white, without battery or wire. With rocker and double rocker	EAN 4010312316658	44,50 €/pc.

FT55R-weiß	Wireless 4-way pushbutton white, without battery or wire, without frame. With rocker and double rocker	EAN 4010312313985	**44,50 €/pc.**
FT55R-alpine white	Wireless 4-way pushbutton alpine white, without battery or wire, without frame. With rocker and double rocker	EAN 4010312313992	**44,50 €/pc.**
FT55AH-al	Wireless 4-way pushbutton coated/aluminium paint, Berker and Merten partially. With rocker and double rocker	EAN 4010312318683	**50,80 €/pc.**
FT55AH-ws	Wireless 4-way pushbutton white, Berker and Merten partially. With rocker and double rocker	EAN 4010312318676	**43,20 €/pc.**
FT55AH-rw	Wireless 4-way pushbutton pure white, Berker and Merten partially. With rocker and double rocker	EAN 4010312318690	**43,20 €/pc.**
FT55AH-wg	Wireless 4-way pushbutton pure white glossy, Berker and Merten partially. With rocker and double rocker	EAN 4010312318713	**43,20 €/pc.**
FT55AH-sz	Wireless 4-way pushbutton black, Berker and Merten partially. With rocker and double rocker	EAN 4010312318706	**43,20 €/pc.**
FT55AH-an	Wireless 4-way pushbutton anthracite, Berker and Merten partially. With rocker and double rocker	EAN 4010312318720	**43,20 €/pc.**
FMT55/2-rw	Wireless 2-way mini pushbutton without battery or wire, with rocker, pure white	EAN 4010312312469	**38,30 €/pc.**
FMT55/2-wg	Wireless 2-way mini pushbutton without battery or wire, with rocker, pure white glossy	EAN 4010312312483	**38,30 €/pc.**
FMT55/4-rw	Wireless 4-way mini pushbutton without battery or wire, with double rocker, pure white	EAN 4010312312544	**41,00 €/pc.**
FMT55/4-wg	Wireless 4-way mini pushbutton without battery or wire, with double rocker, pure white glossy	EAN 4010312312568	**41,00 €/pc.**
FFT55Q-al	Wireless 1-way flat pushbutton without battery or wire, coated/aluminium paint	EAN 4010312312698	**46,20 €/pc.**
FFT55Q-an	Wireless 1-way flat pushbutton without battery or wire, anthracite	EAN 4010312312650	**37,00 €/pc.**

Code	Description	EAN	Price
FFT55Q-rw	Wireless 1-way flat pushbutton without battery or wire, pure white	EAN 4010312312636	37,00 €/pc.
FFT55Q-sz	Wireless 1-way flat pushbutton without battery or wire, black	EAN 4010312312643	37,00 €/pc.
FFT55Q-wg	Wireless 1-way flat pushbutton without battery or wire, pure white glossy	EAN 4010312312667	37,00 €/pc.
FFT55Q-ws	Wireless 1-way flat pushbutton without battery or wire, white	EAN 4010312312605	37,00 €/pc.
FT4F-al	Wireless 4-way flat pushbutton coated/aluminium paint, without battery or wire. With rocker and double rocker	EAN 4010312306697	48,80 €/pc.
FT4F-an	Wireless 4-way flat pushbutton anthracite, without battery or wire. With rocker and double rocker	EAN 4010312302996	41,00 €/pc.
FT4F-rw	Wireless 4-way flat pushbutton pure white, without battery or wire. With rocker and double rocker	EAN 4010312302941	41,00 €/pc.
FT4F-sz	Wireless 4-way flat pushbutton black, without battery or wire. With rocker and double rocker	EAN 4010312302965	41,00 €/pc.
FT4F-wg	Wireless 4-way flat pushbutton pure white glossy, without battery or wire. With rocker and double rocker	EAN 4010312302972	41,00 €/pc.
FT4F-ws	Wireless 4-way flat pushbutton white, without battery or wire. With rocker and double rocker	EAN 4010312302927	41,00 €/pc.
FIW-USB	Wireless infrared converter with USB port. Only 0.05 watt standby loss	EAN 4010312311158	93,50 €/pc.
FTK-rw	Wireless sensor Window/door contact, pure white	EAN 4010312305010	72,80 €/pc.
FTK-an	Wireless sensor Window/door contact, anthracite	EAN 4010312305164	74,90 €/pc.
FTKB-rw	Wireless sensor Window/door contact with battery, pure white	EAN 4010312316436	87,80 €/pc.

FTKB-gr	Wireless window/door contact with battery, grey	EAN 4010312317228	**102,90 €/pc.**
FTKB-hg	Wireless window/door contact with battery, light grey	EAN 4010312318782	**90,40 €/pc.**
FFG7B-rw	Wireless window handle sensor, pure white	EAN 4010312318638	**80,90 €/pc.**
FFTE-rw	Wireless window touch contact with energy generator, pure white	EAN 4010312319024	**58,40 €/pc.**
FTKE-rw	Wireless sensor with energy generator, wireless window/door contact, pure white	EAN 4010312315231	**58,40 €/pc.**
FPE-1	Wireless position switch with energy generator blue	EAN 4010312315552	**62,90 €/pc.**
FPE-2	Wireless position switch with energy generator blue	EAN 4010312315484	**62,90 €/pc.**
BW3	Mounting brackets, pure white	EAN 4010312907641	**3,30 €/pc.**
FVST	Wireless encryption plug	EAN 4010312907290	**1,00 €/pc.**
FFD-al/anso	Wireless 50-channel remote control with display. Painted aluminium top, bottom anthracite-soft paint.	EAN 4010312313541	**125,00 €/pc.**
FF8-al/anso	Wireless 8-channel remote control with 2 double rockers, painted aluminium top, bottom and rockers anthracite-soft paint.	EAN 4010312303931	**102,80 €/pc.**
FHS8-rw	Wireless 8-channel hand-held transmitter, pure white. With 2 double rockers	EAN 4010312300862	**75,00 €/pc.**
FHS8-wg	Wireless 8-channel hand-held transmitter, pure white glossy. With 2 double rockers	EAN 4010312300947	**75,00 €/pc.**
FHS12-rw	Wireless 12-channel hand-held transmitter, pure white. With 3 double rockers	EAN 4010312300343	**109,10 €/pc.**

FHS12-wg	Wireless 12-channel hand-held transmitter, pure white glossy. With 3 double rockers	EAN 4010312300954	**109,10 €/pc.**
FMH8-rw	Wireless 8-channel mini hand-held transmitter, pure white	EAN 4010312311714	**75,80 €/pc.**
FMH8-an	Wireless 8-channel mini hand-held transmitter, anthracite	EAN 4010312311707	**75,80 €/pc.**
FMH8-al/an	Wireless 8-channel mini hand-held transmitter. Top aluminium, bottom and pushbuttons anthracite-soft paint	EAN 4010312313282	**83,80 €/pc.**
FMH2-ws	Wireless 2-way sensor mini hand-held transmitters, white	EAN 4010312303450	**39,70 €/pc.**
FMH2-rw	Wireless 2-way sensor mini hand-held transmitters, pure white	EAN 4010312303467	**39,70 €/pc.**
FMH2-wg	Wireless 2-way sensor mini hand-held transmitters, pure white glossy	EAN 4010312303481	**39,70 €/pc.**
FMH2-sz	Wireless 2-way sensor mini hand-held transmitters, black	EAN 4010312303474	**39,70 €/pc.**
FMH2-an	Wireless 2-way sensor mini hand-held transmitters, anthracite	EAN 4010312303498	**39,70 €/pc.**
FMH2S-ws	Wireless 2-way sensor mini hand-held transmitters, white	EAN 4010312303368	**42,00 €/pc.**
FMH2S-rw	Wireless 2-way sensor mini hand-held transmitters, pure white	EAN 4010312303375	**42,00 €/pc.**
FMH2S-wg	Wireless 2-way sensor mini hand-held transmitters, pure white glossy	EAN 4010312303399	**42,00 €/pc.**
FMH2S-sz	Wireless 2-way sensor mini hand-held transmitters, black	EAN 4010312303382	**42,00 €/pc.**
FMH2S-an	Wireless 2-way sensor mini hand-held transmitters, anthracite	EAN 4010312303405	**42,00 €/pc.**

FMH4-ws	Wireless 4-way sensor mini hand-held transmitters, white	EAN 4010312301029	**42,00 €/pc.**
FMH4-rw	Wireless 4-way sensor mini hand-held transmitters, pure white	EAN 4010312301036	**42,00 €/pc.**
FMH4-wg	Wireless 4-way sensor mini hand-held transmitters, pure white glossy	EAN 4010312301067	**42,00 €/pc.**
FMH4-sz	Wireless 4-way sensor mini hand-held transmitters, black	EAN 4010312301012	**42,00 €/pc.**
FMH4-an	Wireless 4-way sensor mini hand-held transmitters, anthracite	EAN 4010312301043	**42,00 €/pc.**
FMH4S-ws	Wireless 4-way sensor mini hand-held transmitters, white	EAN 4010312301371	**44,30 €/pc.**
FMH4S-rw	Wireless 4-way sensor mini hand-held transmitters, pure white	EAN 4010312301562	**44,30 €/pc.**
FMH4S-wg	Wireless 4-way sensor mini hand-held transmitters, pure white glossy	EAN 4010312301586	**44,30 €/pc.**
FMH4S-sz	Wireless 4-way sensor mini hand-held transmitters, black	EAN 4010312301555	**44,30 €/pc.**
FMH4S-an	Wireless 4-way sensor mini hand-held transmitters, anthracite	EAN 4010312301579	**44,30 €/pc.**
FMH2S-wr	Wireless 2-way mini hand-held transmitter for calling systems. Pure white with red lettering, with grey carry strap	EAN 4010312303337	**50,40 €/pc.**
FMH1W-sz	Wireless 1-way mini hand-held transmitter, waterproof, black	EAN 4010312315293	**64,70 €/pc.**
TF-TTB	Tap-radio® pushbutton tracker	EAN 4010312317563	**58,20 €/pc.**

Accessories active and passive wireless sensors and wired bus sensors

R1E-wg	Single frame, pure white glossy	EAN 4010312907122	**2,90 €/pc.**
R2E-wg	Double frame, pure white glossy	EAN 4010312907115	**4,10 €/pc.**
R3E-wg	Triple frame, pure white glossy	EAN 4010312907108	**4,30 €/pc.**
R4E-wg	4-way frame, pure white glossy	EAN 4010312907603	**4,90 €/pc.**
RF1E-wg	Single flat frame, pure white glossy	EAN 4010312907245	**2,90 €/pc.**
RF2E-wg	Double flat frame, pure white glossy	EAN 4010312907252	**4,10 €/pc.**
RF3E-wg	Triple flat frame, pure white glossy	EAN 4010312907269	**4,30 €/pc.**
RF4E-wg	4-way flat frame, pure white glossy	EAN 4010312907610	**4,90 €/pc.**
R2UE-wg	Universal frame E-Design internal dimensions 65x65mm, pure white glossy	EAN 4010312908327	**4,10 €/pc.**
R3UE-wg	Universal frame E-Design internal dimensions 65x65mm, pure white glossy	EAN 4010312908334	**4,30 €/pc.**
R1UE55-wg	Universal frame E-Design internal dimensions 55x55mm, pure white glossy	EAN 4010312908341	**2,90 €/pc.**
R2UE55-wg	Universal frame E-Design internal dimensions 55x55mm, pure white glossy	EAN 4010312908365	**4,10 €/pc.**
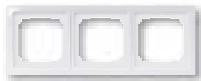
R3UE55-wg	Universal frame E-Design internal dimensions 55x55mm, pure white glossy	EAN 4010312908358	**4,30 €/pc.**
R-ws	Single frame, white	EAN 4010312902356	**3,90 €/pc.**
R-rw	Single frame, pure white	EAN 4010312902370	**3,90 €/pc.**
R-wg	Single frame, pure white glossy	EAN 4010312902400	**3,90 €/pc.**
R-sz	Single frame, black	EAN 4010312902394	**3,90 €/pc.**
R-an	Single frame, antracite	EAN 4010312902424	**3,90 €/pc.**
R-al	Single frame, coated/aluminium paint	EAN 4010312902363	**4,70 €/pc.**
R2-ws	Double frame, white	EAN 4010312903681	**4,20 €/pc.**
R2-rw	Double frame, pure white	EAN 4010312903704	**4,20 €/pc.**
R2-wg	Double frame, pure white glossy	EAN 4010312903728	**4,20 €/pc.**
R2-sz	Double gle frame, black	EAN 4010312903698	**4,20 €/pc.**
R2-an	Double frame, antracite	EAN 4010312903711	**4,20 €/pc.**
R2-al	Double frame, coated/aluminium paint	EAN 4010312903742	**8,90 €/pc.**
R3-ws	Triple frame, white	EAN 4010312903766	**4,40 €/pc.**

R3-rw	Triple frame, pure white	EAN 4010312903780	4,40 €/pc.
R3-wg	Triple frame, pure white glossy	EAN 4010312903803	4,40 €/pc.
R3-sz	Triple gle frame, black	EAN 4010312903773	4,40 €/pc.
R3-an	Triple frame, antracite	EAN 4010312903797	4,40 €/pc.
R3-al	Triple frame, coated/aluminium paint	EAN 4010312903827	11,50 €/pc.
R1F-ws	Single frame for wireless flat pushbutton, white, internal dimensions 63x63 mm	EAN 4010312904299	3,90 €/pc.
R1F-rw	Single frame for wireless flat pushbutton, pure white, internal dimensions 63x63 mm	EAN 4010312904312	3,90 €/pc.
R1F-wg	Single frame for wireless flat pushbutton, pure white glossy, internal dimensions 63x63 mm	EAN 4010312904343	3,90 €/pc.
R1F-sz	Single frame for wireless flat pushbutton, black, internal dimensions 63x63 mm	EAN 4010312904336	3,90 €/pc.
R1F-an	Single frame for wireless flat pushbutton, anthracite, internal dimensions 63x63 mm	EAN 4010312904909	3,90 €/pc.
R1F-al	Single frame for wireless flat pushbutton, coated/ aluminium paint, internal dimensions 63x63 mm	EAN 4010312905715	6,30 €/pc.
R2F-ws	Double frame for wireless flat pushbutton, white, internal dimensions 63x63 mm	EAN 4010312904367	4,20 €/pc.
R2F-rw	Double frame for wireless flat pushbutton, pure white, internal dimensions 63x63 mm	EAN 4010312904381	4,20 €/pc.
R2F-wg	Double frame for wireless flat pushbutton, pure white glossy, internal dimensions 63x63 mm	EAN 4010312904411	4,20 €/pc.

R2F-sz	Double frame for wireless flat pushbutton, black, internal dimensions 63x63mm	EAN 4010312904404	**4,20 €/pc.**
R2F-an	Double frame for wireless flat pushbutton, anthracite, internal dimensions 63x63mm	EAN 4010312904435	**4,20 €/pc.**
R2F-al	Double frame for wireless flat pushbutton, coated/ aluminium paint, internal dimensions 63x63mm	EAN 4010312905739	**8,90 €/pc.**
R3F-ws	Triple frame for wireless flat pushbutton, white, internal dimensions 63x63mm	EAN 4010312904442	**4,40 €/pc.**
R3F-rw	Triple frame for wireless flat pushbutton, pure white, internal dimensions 63x63mm	EAN 4010312904459	**4,40 €/pc.**
R3F-wg	Triple frame for wireless flat pushbutton, pure white glossy, internal dimensions 63x63mm	EAN 4010312904480	**4,40 €/pc.**
R3F-sz	Triple frame for wireless flat pushbutton, black, internal dimensions 63x63mm	EAN 4010312904473	**4,40 €/pc.**
R3F-an	Triple frame for wireless flat pushbutton, anthracite, internal dimensions 63x63mm	EAN 4010312904503	**4,40 €/pc.**
R3F-al	Triple frame for wireless flat pushbutton, coated/ aluminium paint, internal dimensions 63x63mm	EAN 4010312905760	**11,50 €/pc.**
QR1Gw-gw	The Q-design. Single frame with floating front panel. White glass frame with white glossy body	EAN 4010312313237	**28,00 €/pc.**
QR1Gs-gw	The Q-design. Single frame with floating front panel. Black glass frame with black glossy body	EAN 4010312313220	**16,40 €/pc.**
QR1Gs-sz	The Q-design. Single frame with floating front panel. Black glass frame with black body	EAN 4010312313244	**16,40 €/pc.**
QR1K-gw	The Q-design. Single frame with floating front panel. White glossy plastic frame	EAN 4010312313213	**3,50 €/pc.**
QR1K-an	The Q-design. Single frame with floating front panel. Anthracite plastic frame	EAN 4010312313251	**3,80 €/pc.**

QR1K-as	The Q-design. Single frame with floating front panel. Aluminium-silver plastic frame	EAN 4010312313268	**5,70 €/pc.**
QR2Gw-gw	The Q-design. Double frame with floating front panel. White glass frame with white glossy body	EAN 4010312313305	**45,10 €/pc.**
QR2Gs-gw	The Q-design. Double frame with floating front panel. Black glass frame with black glossy body	EAN 4010312313312	**45,10 €/pc.**
QR2Gs-sz	The Q-design. Double frame with floating front panel. Black glass frame with black body	EAN 4010312313329	**45,10 €/pc.**
QR2K-gw	The Q-design. Double frame with floating front panel. White glossy plastic frame	EAN 4010312313343	**7,20 €/pc.**
QR2K-an	The Q-design. Double frame with floating front panel. Anthracite plastic frame	EAN 4010312313350	**7,20 €/pc.**
QR2K-as	The Q-design. Double frame with floating front panel. Aluminium-silver plastic frame	EAN 4010312313367	**8,30 €/pc.**
QR3Gw-gw	The Q-design. Triple frame with floating front panel. White glass frame with white glossy body	EAN 4010312313374	**73,90 €/pc.**
QR3Gs-gw	The Q-design. Triple frame with floating front panel. Black glass frame with black glossy body	EAN 4010312313381	**73,90 €/pc.**
QR3Gs-sz	The Q-design. Triple frame with floating front panel. Black glass frame with black body	EAN 4010312313398	**73,90 €/pc.**
QR3K-gw	The Q-design. Triple frame with floating front panel. White glossy plastic frame	EAN 4010312313411	**7,00 €/pc.**
QR3K-an	The Q-design. Triple frame with floating front panel. Anthracite plastic frame	EAN 4010312313428	**8,50 €/pc.**
QR3K-as	The Q-design. Triple frame with floating front panel. Aluminium-silver plastic frame	EAN 4010312313435	**14,40 €/pc.**
FTVW	Wireless pushbutton encryption rocker	EAN 4010312907030	**1,40 €/pc.**

BLA65-wg	Blind cover for R1E, R2E, R3E and R4E wg, pure white glossy	EAN 4010312907139	**3,30 €/pc.**
BLA65F-wg	Blind cover for RF1E, RF2E, RF3E and RF4E, pure white glossy	EAN 4010312907412	**3,30 €/pc.**
BLA55-ws	Blind cover BLA55 for R, R2 and R3 as well as all Q frames, white	EAN 4010312905869	**3,30 €/pc.**
BLA55-rw	Blind cover BLA55 for R, R2 and R3 as well as all Q frames, pure white	EAN 4010312905883	**3,30 €/pc.**
BLA55-wg	Blind cover BLA55 for R, R2 and R3 as well as all Q frames, pure white glossy	EAN 4010312905913	**3,30 €/pc.**
BLA55-sz	Blind cover BLA55 for R, R2 and R3 as well as all Q frames, black	EAN 4010312905906	**3,30 €/pc.**
BLA55-an	Blind cover BLA55 for R, R2 and R3 as well as all Q frames, anthracite	EAN 4010312905937	**3,30 €/pc.**
BLF-rw	Blind cover for R1F, R2F and R3F, pure white	EAN 4010312904237	**3,30 €/pc.**
BLF-wg	Blind cover for R1F, R2F and R3F, pure white glossy	EAN 4010312904268	**3,30 €/pc.**
BLF-sz	Blind cover for R1F, R2F and R3F, black	EAN 4010312904251	**3,30 €/pc.**
BLF-an	Blind cover for R1F, R2F and R3F, anthracite	EAN 4010312904282	**3,30 €/pc.**
DSS65-wg	DSS with socket outlet front, pure white glossy	EAN 4010312315996	**5,70 €/pc.**
DSS65F-wg	DSS with socket outlet front, pure white glossy	EAN 4010312316818	**5,70 €/pc.**
DSS+SDO55-ws	DSS with socket outlet front, white	EAN 4010312310830	**6,60 €/pc.**

DSS+SDO55-rw	DSS with socket outlet front, pure white	EAN 4010312310854	**6,60 €/pc.**
DSS+SDO55-wg	DSS with socket outlet front, pure white glossy	EAN 4010312310885	**6,60 €/pc.**
DSS+SDO55-sz	DSS with socket outlet front, black	EAN 4010312310878	**6,40 €/pc.**
DSS+SDO55-an	DSS with socket outlet front, anthracite	EAN 4010312310908	**6,60 €/pc.**
DSS+SDOF-ws	DSS with socket outlet front, white	EAN 4010312311295	**6,60 €/pc.**
DSS+SDOF-rw	DSS with socket outlet front, pure white	EAN 4010312311318	**6,60 €/pc.**
DSS+SDOF-wg	DSS with socket outlet front, pure white glossy	EAN 4010312311349	**6,60 €/pc.**
DSS+SDOF-sz	DSS with socket outlet front, black	EAN 4010312311332	**6,40 €/pc.**
DSS+SDOF-an	DSS with socket outlet front, anthracite	EAN 4010312311363	**6,60 €/pc.**
TAE65/3-wg	3-socket TAE cover for E-design frames, pure white glossy	EAN 4010312907337	**2,90 €/pc.**
TV65/2-wg	TV/RF cover for E-design frames, pure white glossy	EAN 4010312907351	**2,90 €/pc.**
TV65/3-wg	TV/RF/SAT cover for E-design frames, pure white glossy	EAN 4010312907382	**2,90 €/pc.**
TV65/4-wg	TV/RF/SAT cover for E-design frames, pure white glossy	EAN 4010312907634	**2,90 €/pc.**
UAE65/2-wg	2-hole UAE/IAE cover for E-design frames, pure white glossy	EAN 4010312907399	**2,90 €/pc.**

TAE65F/3-wg	Cover for TAE 3-socket, pure white glossy	EAN 4010312907344	**2,90 €/pc.**
TV65F/2-wg	Cover for TV/RF, pure white glossy	EAN 4010312907368	**2,90 €/pc.**
TV65F/3-wg	Cover for TV/RF, pure white glossy	EAN 4010312907375	**2,90 €/pc.**
TV65F/4-wg	Cover for TV/RF/SAT, pure white glossy	EAN 4010312907627	**2,90 €/pc.**
UAE65F/2-wg	Cover for UAE/IAE, pure white glossy	EAN 4010312907405	**2,90 €/pc.**
SO65	Desktop base	EAN 4010312908143	**7,10 €/pc.**
SO55	Desktop base	EAN 4010312908150	**7,10 €/pc.**
FSAF-gr	Cover foil, grey	EAN 4010312908136	**3,30 €/pc.**
LGI	Laser engraving individually, create new pictogram	EAN 4010312908310	**9,90 €/pc.**
W-B4FT65	Rocker for bus flat pushbutton E-design, pure white glossy	EAN 4010312907207	**6,20 €/pc.**
DW-B4FT65	Double rocker for bus flat pushbutton E-design, pure white glossy	EAN 4010312907191	**6,60 €/pc.**
W-B4T65	Rocker for bus pushbutton E-design, pure white glossy	EAN 4010312907184	**6,20 €/pc.**
DW-B4T65	Double rocker for bus pushbutton E-design pure white glossy	EAN 4010312907214	**6,60 €/pc.**
W-F1FT65	Rocker for wireless flat pushbutton E-design	EAN 4010312907153	**6,20 €/pc.**

W-F4T65	Rocker for wireless pushbutton E-design pure white glossy	EAN 4010312907160	6,20 €/pc.
DW-F4T65	Double rocker for wireless pushbutton E-design pure white glossy	EAN 4010312907177	6,60 €/pc.
W-F4FT65B	Rocker for wireless flat pushbutton E-design with batteries pure white glossy	EAN 4010312908051	6,20 €/pc.
DW-F4FT65	Double rocker for wireless flat pushbutton E-design with batteries pure white glossy	EAN 4010312908068	6,60 €/pc.
W-F4T65B	Rocker for wireless pushbutton E-design with batteries pure white glossy	EAN 4010312907276	6,20 €/pc.
DW-F4T65B	Double rocker for wireless pushbutton E-design with batteries pure white glossy	EAN 4010312907283	6,60 €/pc.
W-WT/WS65	Rocker for rocker switches and rocker push-buttons E-design pure white glossy	EAN 4010312908075	6,20 €/pc.
W-B4T55	Rocker for bus pushbuttons ws/rw/wg/sz/an/al	EAN 4010312907573	6,20 €/pc.
DW-B4T55	Double rocker for bus pushbuttons ws/rw/wg/sz/an/al	EAN 4010312907580	6,60 €/pc.
W-F4T55B	Rocker for wireless pushbuttons 55x55 mm	EAN 4010312907313	6,20 €/pc.
DW-F4T55B	Double rocker for wireless pushbuttons 55x55 mm	EAN 4010312907320	6,60 €/pc.
W-FFT55Q	Rocker for wireless flat pushbuttons	EAN 4010312906255	6,20 €/pc.
W-FMT55/2	Rocker for wireless mini pushbuttons	EAN 4010312906323	6,20 €/pc.
DW-FMT55/4	Double rocker for wireless mini pushbuttons	EAN 4010312906330	6,60 €/pc.

W-FT4CH	Rocker for wireless pushbuttons Swiss Design	EAN 4010312906347	**6,20 €/pc**
DW-FT4CH	Double rocker for wireless pushbuttons Swiss Design	EAN 4010312906385	**6,60 €/pc.**
W-FT4F	Rocker for wireless flat pushbuttons	EAN 4010312906262	**6,20 €/pc.**
DW-FT4F	Double rocker for wireless flat pushbuttons	EAN 4010312906279	**6,60 €/pc.**
W-FT55	Rocker for wireless pushbuttons 55x55mm	EAN 4010312906286	**6,20 €/pc.**
DW-FT55	Double rocker for wireless pushbuttons 55x55mm	EAN 4010312906293	**6,60 €/pc**
W-FT55R	Rocker for wireless pushbuttons 55x55mm for Busch Reflex and Duro	EAN 4010312907047	**6,20 €/pc.**
DW-FT55R	Double rocker for wireless pushbuttons 55x55mm for Busch Reflex and Duro	EAN 4010312907061	**6,60 €/pc.**
W-WT/WS55	Rocker for rocker switch and rocker push-button	EAN 4010312908112	**6,20 €/pc.**
DW-FF8	Double rocker for wireless remote control anthracite-soft paint	EAN 4010312906378	**6,60 €/pc.**
W-FHS/FMH2	Rocker for wireless hand-held transmitters and mini hand-held transmitters	EAN 4010312906354	**6,20 €/pc.**
DW-FHS/FMH4	Double rocker for wireless hand-held trans-mitters and mini hand-held transmitters	EAN 4010312906361	**6,60 €/pc.**
AR65/5.2-wg	Adapter frame, pure white glossy	EAN 4010312907481	**1,00 €/pc.**
AR65/4.8-wg	Adapter frame, pure white glossy	EAN 4010312907597	**1,00 €/pc.**

AR65/3.4-wg	Adapter frame, pure white glossy	EAN 4010312907498	**1,00 €/pc.**
AR65/2.8-wg	Adapter frame, pure white glossy	EAN 4010312907436	**1,00 €/pc.**
AR65/2.5-wg	Adapter frame, pure white glossy	EAN 4010312907429	**1,00 €/pc.**
ZR55/50-wg	Intermediate frame 55 to 50 mm for frames R, R2, R3, pure white glossy	EAN 4010312907504	**1,50 €/pc.**
ZR65/55-wg	Intermediate frame 55 mm for E-design frames R1E, R2E and R3E, pure white glossy	EAN 4010312907467	**1,10 €/pc.**
ZR65/50-wg	Intermediate frame 50mm for E-design frames R1E, R2E and R3E, pure white glossy	EAN 4010312907443	**1,50 €/pc.**
ZR65F/55-wg	Intermediate frame 55 mm for E-design flat frames RF1E, RF2E and RF3E, pure white glossy	EAN 4010312907474	**1,10 €/pc.**
ZR65F/50-wg	Intermediate frame 50mm for E-design flat frames RF1E, RF2E and RF3E, pure white glossy	EAN 4010312907450	**1,10 €/pc.**
BBH65/12VDC-wg	Bus motion/brightness sensor, pure white glossy	EAN 4010312318966	**71,60 €/pc.**
BTR65H/12VDC-wg	Bus temperature controller with hand wheel, pure white glossy	EAN 4010312318959	**61,30 €/pc.**
BUTH65D/12VDC-wg	Bus thermo clock/hygrostat with display, pure white glossy	EAN 4010312318942	**69,60 €/pc.**
BTF65/12V DC-wg	Bus temperature sensor, pure white glossy	EAN 4010312319741	**56,30 €/pc.**
BBH55/12VDC-wg	Bus motion/brightness sensor, pure white glossy	EAN 4010312319789	**71,60 €/pc.**
BTR55H/12VDC-wg	Bus temperature controller with hand wheel, pure white glossy	EAN 4010312319796	**61,30 €/pc.**

	BUTH55D/12VDC-wg	Bus thermo clock/hygrostat with display, pure white glossy	EAN 4010312319802	**69,60 €/pc.**
	BTF55/12V DC-wg	Bus temperature sensor, pure white glossy	EAN 4010312319819	**56,30 €/pc.**

Eltako Smart Home Professional | Recommended retail prices excluding VAT.
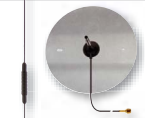
Accessories wireless and others

BPD Blisterpack dimming	Blisterpack dimming	EAN 4010312314241	**138,50 €/pc.**
BPS Blisterpack switching	Blisterpack switching	EAN 4010312314258	**117,00 €/pc.**
BPD55 Blisterpack dimming	Blisterpack dimming	EAN 4010312317839	**138,50 €/pc.**
BPS55 Blisterpack switching	Blisterpack switching	EAN 4010312317846	**117,00 €/pc.**
BPB Blisterpack shading	Blisterpack shading	EAN 4010312316979	**125,40 €/pc.**
BPB55 Blisterpack shading	Blisterpack shading	EAN 4010312317822	**125,40 €/pc.**
STS14	Jumpers	EAN 4010312314975	**6,10 €/pc.**
WP50	WET.PROTECT e.nautic 50 ml	EAN 4010312907306	**21,10 €/pc.**
FPP12	Wireless Powernet phase coupler	EAN 4010312311769	**25,40 €/pc.**
APPModule	Multimedia (sonos) EnOcean gateway	EAN 4010312318270	**350,80 €/pc.**
IP-Cam	IP camera with motion detector	EAN 4010312319031	**165,00 €/pc.**
FMP3	Wireless MP3 player	EAN 4010312317853	**138,30 €/pc.**
KNX ENO 626	EnOcean KNX gateway	EAN 4010312318911	**267,80 €/pc.**

KNX ENO 632	EnOcean KNX gateway	EAN 4010312315361	**389,00 €/pc.**
KNX ENO 636	EnOcean KNX gateway	EAN 4010312318904	**440,40 €/pc.**
P10 Probare	portable wireless level meter	EAN 4010312317068	**111,60 €/pc.**
FTE210	Wireless pushbutton insert with EnOcean energy generator	EAN 4010312318546	**29,20 €/pc.**
FTE215	Wireless pushbutton insert with EnOcean energy generator	EAN 4010312318539	**33,20 €/pc.**
FTE215BLE	Wireless pushbutton insert with EnOcean energy generator	EAN 4010312318553	**35,20 €/pc.**
FRP61-230V	1 and 2 level wireless repeater	EAN 4010312300251	**53,70 €/pc.**
FSRP-230V	1 and 2 level wireless socket repeater	EAN 4010312314999	**90,30 €/pc.**
FRP70-230V	1 and 2 level wireless repeater with small antenna	EAN 4010312306482	**94,20 €/pc.**
FRP65/230V-wg	2 level wireless repeater, pure white glossy	EAN 4010312315927	**72,90 €/pc.**
FARP60-230V	Outside wireless repeater 1 and 2 levels	EAN 4010312310137	**69,70 €/pc.**
FSM60B	Wireless transmitter module with batteries for water sensor and pushbuttons	EAN 4010312316092	**90,60 €/St.**
FASM60-UC	Wireless outdoor transmitter module UC	EAN 4010312311998	**66,90 €/pc.**
FA250	Wireless antenna with 250cm cable, black	EAN 4010312300244	**21,10 €/pc.**
FA250-gw	Wireless antenna with 250cm cable, grey white	EAN 4010312317051	**21,10 €/pc.**

FHM175	HF ground for the HF wireless antenna FA250	EAN 4010312313121	**64,60 €/pc.**
FA200	High-performance receive antenna with 200 cm cable	EAN 4010312303306	**68,50 €/pc.**
FAV5	Antenna extension 5 m	EAN 4010312302897	**27,70 €/pc.**
FAV10	Antenna extension 10 m	EAN 4010312302903	**34,70 €/pc.**
FAG65-wg	Wireless antenna in the housing, pure white glossy	EAN 4010312315910	**32,70 €/pc.**
K81 surface cap	Surface cap for series 81, lxwxh = 60x60x37 mm.	EAN 4010312901236	**4,70 €/pc.**
K9 surface cap	Surface cap for series 91, lxwxh = 60x60x35 mm.	EAN 4010312900734	**2,10 €/pc.**
DS12	Spacer	EAN 4010312900987	**1,00 €/pc.**
ST12-16A	Socket outlet 16 A/250 V AC	EAN 4010312700358	**18,10 €/pc.**
PK18 sealing cap	Sealing cap for all sealable 1 PU DIN rail-mounted devices	EAN 4010312901403	**1,00 €/pc.**
S+D 25	Screws and rawl plugs	EAN 4010312906231	**5,00 €/pc.**
RC12-230V	Triple RC module	EAN 4010312201596	**31,70 €/pc.**
GBA12	Housing for operating instructions	EAN 4010312901779	**2,10 €/pc.**
GBA14	Housing for operating instructions, white-blue	EAN 4010312906422	**2,10 €/pc.**
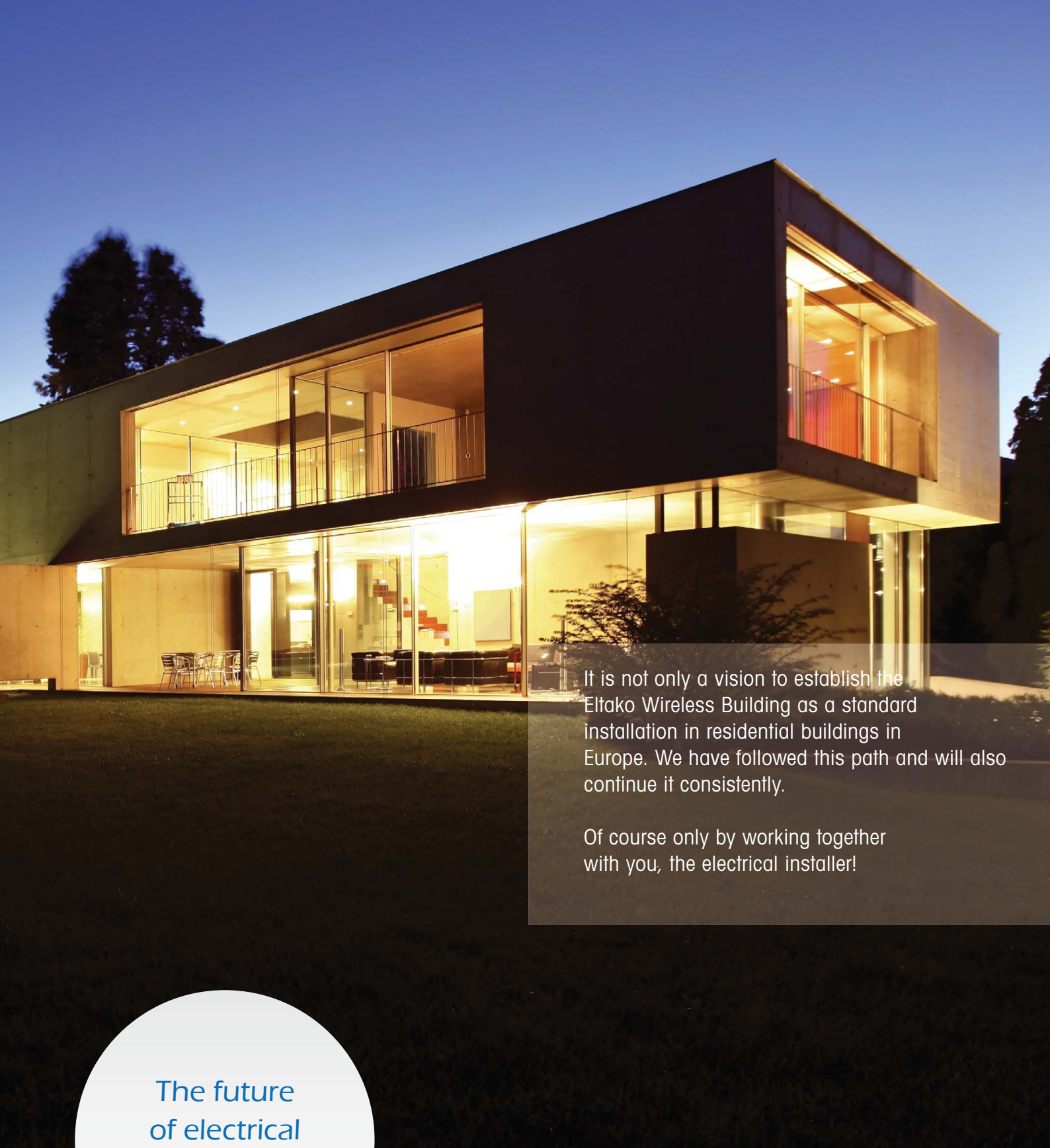
It is not only a vision to establish the Eltako Wireless Building as a standard installation in residential buildings in Europe. We have followed this path and will also continue it consistently.

Of course only by working together with you, the electrical installer!

The future of electrical installations

in residential buildings

Scan the QR code: Here is the
**Operating manual for Series 14
RS485 bus DIN rail mounted devices**

The Wireless Building has its own laws which we understand better every day. We want to share this knowledge with you so that we smoothly learn to install this technology.

01   planning of range

The precise planning of the transmission path is prerequisite for a properly operating system.

02   maintenance

Due to the batteryless EnOcean technology the system is very low-maintenance. Substantial costs and maintenance effort can be saved.

03   encoding

Absolute security and safety – due to the encoded signal transmission of the wireless building.

04   price and costs

It's amazing but the costs for a wireless installation are comparable with a conventional standard installation – with increased comfort!
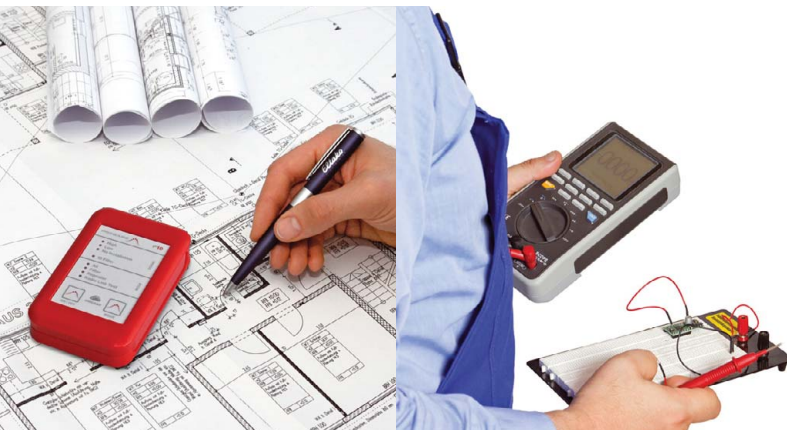
01   02   03   04

The transmission power and transmission frequency of the Wireless Building in the 868 MHz band are limited, so there is little wireless traffic in this band. Our sensors and actuators only transmit wireless telegrams if this is really necessary. The batteryless or wireless sensors can do this in any case only when needed. The transmission power of Eltako Wireless Building is only about 0.01 watts, the transmission power of a smartphone however 0.25 to about 1 watt!

In fact, you can install a reliable, inexpensive, safe and comfortable Wireless Building with 868 MHz sensors and actuators.

The **range** has to be paid attention to when it comes to planning and implementation.
In addition, the Wireless Building has to be made sustainable for the future. Electronics does not live forever and their **maintenance** must therefore simply be unconditionally. If needed the Wireless Building has to have a standard **encoding** to prevent unwanted external access. All this, of course, to a relatively attractive price.

These four factors – **range, maintenance, encoding and price** – largely determine the type of installation of the Wireless Building.
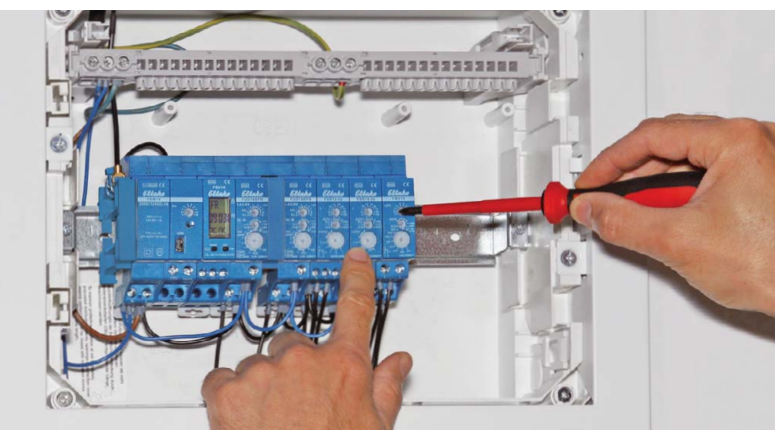
05

For the sustainable Wireless Building actuators should be installed as modular devices in distribution cabinets – regardless of the nature and use of the building.

The decentralised mounting of the actuators in wall-in boxes has its own charm but should be limited to retrofitting and simple renovation

because of the complicated maintenance and higher costs. It would not be acceptable in the future to look for many built-in devices in a building at the end of their lifes, to remove panels and to teach-in replacement items. In addition, each in-wall actuator has its own expensive wireless unit which also requires expensive storage for the encoding.

Actuators for wall-in boxes should be mounted behind the switches so they are easily replaceable. Not hidden, for example, in roller shutters.

However the distribution cabinets are always accessible. A backup of the programmed functions and an uploading in exchanged actuators will be part of the new modular series 14 with an USB conncection and a software tool. In addition functions can be realised which are not possible for in-wall actuators due to space reasons. The wireless unit including encoding is only available once in the wireless antenna module. Thats why RS485-bus connected actuators are cheaper than the built-in devices. Energy meters are also very easy to integrate over the RS485 bus, even if they are on a different floor.
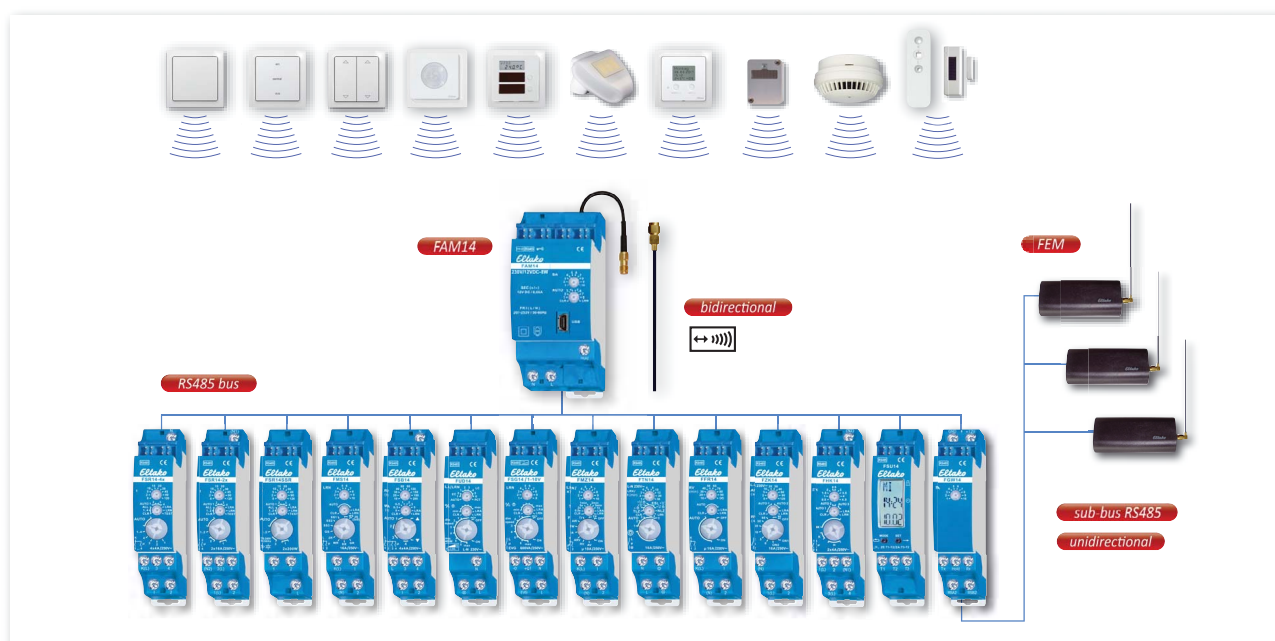
06

The classical one-family house with basement, ground and top floor allows many installation methods of the actuators as modular units.

The new series 14 is so flexible that any electrician can retain his familiar and proven method of installation.

05 centralised mounting

In the centralised mounting the actuators will be installed in a sub-distribution cabinet and a RS485 bus will be built. The consumers will be controlled centrally from the sub-distributor. The picture shows the 14 series with jumpers instead of cross wiring.

06 RS485 bus rail-mounted devices

The new Series 14 is bidirectional, so it can send and receive. A sub-bus with additional antenna modules can be added at any time.

Important is the arrangement of the antennas and/or repeater. The wireless antenna module FAM14 is conveniently centrally installed in the building. The bi-directional wired Eltako RS485 bus connects this antenna module with all actors. It does not matter where they are. Either all together in a distribution or spread over several sub-distributions.

The actuators are connected with simple plug-in bridges regarding bus and power supply.

A standard shielded 4-conductor telephone cable is enough for a bus to connect multiple distributions.

Over a RS485-sub-bus up to three additional antennas can be arranged in the building so that the reception of wireless sensor telegrams is guaranteed everywhere. In addition – or alternatively – repeaters can be used which do not require a bus connection.

01

02

03

04
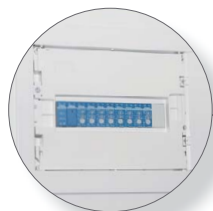
05

basement floor plan
basement with a centralised sub-distributor.
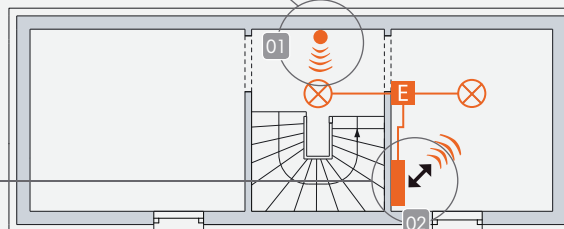
ground floor floor plan
ground floor with a centralised sub-distributor.
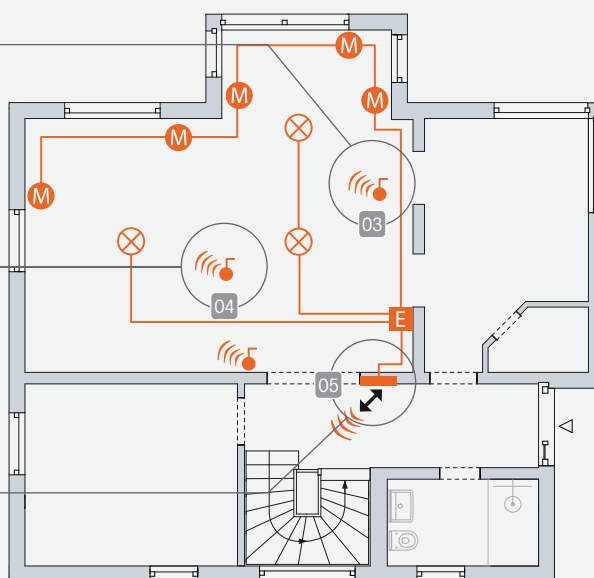
For the one-family house we recommend the mounting of the wireless actuators in a distribution cabinet or sub-distributor per floor.

The bidirectional wireless antenna module FAM14 is located in the distributor on the ground floor at the ground floor actuators. The bus line of the Eltako RS485 bus is shielded with a normal telephone line to the distributor and also performed in the attic for distribution in the basement.

These sub-distributors are preferably directly above and below the basement distributor so that it's radioed as vertical as possible through the concrete ceiling when using repeaters.

The wireless antenna of the FAM connects the sensors of the basement and the attic with the RS485

bus. Normally an external antenna is not required. If the range to the farest sensors is not sufficient, repeaters are installed. One repeater each as a rail-mounted device in the distributors in the basement and the attic. And one repeater each on both sides of the longest diagonal of each floor, about midway between the distributor and the end of the diagonal. The repeaters on the diagonals of several stories should also be arranged vertically, so that an optimal wireless connection is guaranteed.

With this method of installation every wireless sensor telegram is received by a maximum of 2 times and forwarded - just as it should be.

Repeaters are much cheaper than additional antennas to be sold into the downstream of a bus.

attic floor plan
upper floor with centralised sub-distributor.
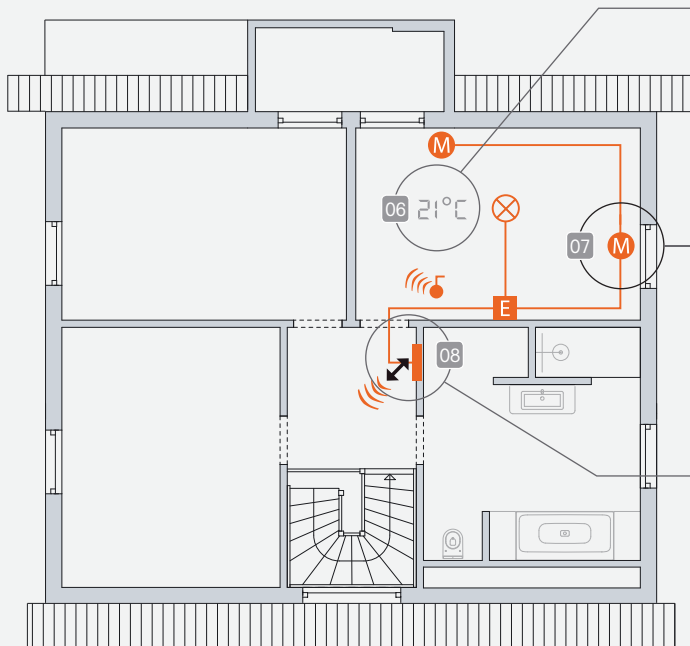
01 motion detector

02 floor distributor in the basement including energy meter

03 wireless pushbutton

04 universal remote control + FVS-Home-Software

05 floor distributor ground floor

06 room temperature controller

07 roller shutter motor

08 floor distributor attic

09 remote control to the building via tablet or smartphone
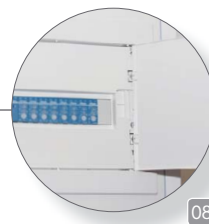
Quite apart from the visibility and the installation costs of the antenna including special cable to the distributors. However the repeaters either disap pear in the distributor or are mounted in-wall next to the box due to the power outlet.

Use of wireless building visualisation and control software GFVS-4.0 with the computer SafeIV.

With a low cost gateway information from the FAM14 passed to the RS485 bus and the responds of bidirectional actuators are headed directly to the Smart Home control unit SafeIV. Likewise, manual or automated instructions from the GFVS are transferred into the bus.

An apartment in an apartment house

The apartment corresponds to the ground floor of the one-family house and is therefore installed identical. If energy meters should be connected in the basement, it is possible at any time via a powernet connection.

In new constructions we recommend a conduit for an RS485 bus line in addition to the energy meters.

Eltako Smart Home Professional
Reference list for Germany

1 Asslar – Centre for Elderly Care
- Lighting control
  (incl. automated)
- Remote access by tablet
- 273 sensors and actuators
  incl. GFVS Safe software with
  BSC-BAP and DALI/EnOcean
  control

2 Berlin – Child day care centre
- Heating control
- 44 sensors and actuators

3 Berlin – Tax Office
- Refurbishment of old
  buildings
- 652 sensors and actuators

4 Bonn – Students' residence
- DALI
- Hall lighting
- 8 actuators
  Panel control

5 Coesfeld – Coesfeld fire
brigade
- Shading system control incl.
  central control and weather
  data evaluation
- 29 sensors and actuators

6 Dortmund – DASA Working
World Exhibition
- Lighting control and dimmers
- incl. GFVS 3.0 software
- 70 sensors and actuators +
  2x GFVS-Touch

7 Dresden – Hotel am blauen Wunder

- Blinds control
- 24 sensors and actuators

8 Düsseldorf – Freeman tavern

- Lighting
- Shading
- Window control
- Heating control
- 106 sensors and actuators incl. Smart Home central unit GFVS-Safe II and weather data evaluation

9 Europa – WeberHaus homes

- Home Series Generation 5.0
- Equipment package Installation with wireless
- Min. 33 sensors and actuators per house (basic equipment) With GFVS-Home software

10 Fulda – Detached house

- Lighting
- Shading
- Gate control
- Pond control
- Weather data evaluation incl. GFVS software
- 40 sensors and actuators incl. Smart Home central unit GFVS-Safe II and weather data evaluation

11 Gescher – Garden lighting

- Lighting control with scenes
- 14 sensors and actuators

12 Hamminkeln – BZ Bauelemente DIY centre

- Lighting control
- Shading
- Gate surveillance
- Meter data evaluation
- Weather data evaluation
- 29 sensors and actuators GFVS Touch Server

Eltako Smart Home Professional
Reference list for Germany

13 **Heinsberg –
Detached house**
- GFVS software with external access by smartphone
- Weather data evaluation
- 27 sensors and actuators with GFVS-Home software, GFVS-Safe software and GFVS Clients

14 **Heist – office building**
- Lighting control
- Shading system control
- remote control
- Heating control
- 60 sensors and actuators

15 **Cologne – Grundy UFA TV Produktions GmbH film studios**
- Remote control and dimming of floodlights
- 29 sensors and actuators

16 **State of Brandenburg – Mittelbrandenburgische Sparkasse (bank)**
- Lighting control
- 103 sensors and actuators

17 **Mönchengladbach – Wanlo church**
- Light scene control
- Time and central functions
- Wireless remote control
- 52 sensors and actuators GFVS Touch Server

18 **Oberhausen – KITEV (Kultur im Turm eV.)**
- Lighting control
- Single room control
- Meter
- 106 sensors and actuators

19 Sankt Augustin –
Fraunhofer Institute

- Window monitoring
- Heating control
- Daylight control
- Energy metering
- Control by GFVS software
- 50 sensors and actuators with GFVS-Home software

20 Saarlouis – Museum
Kaserne 6

- Lighting control incl. dimmers
- 110 sensors and actuators With GFVS-Professional software

21 Steinfurt – new building for
Zweiradcenter Steinfurt

- Sensor-controlled lighting
- Electrically controlled dormer window ventilation
- Camera integration for security and remote access
- 24 sensors and actuators incl. GFVS-Safe and 5x IP cameras

22 Walldorf – Hotel
Holiday Inn

- Lighting control
- 240 sensors and actuators

23 Wesel – large car park
and small storage
buildings

- Meter readout by wireless
- Power management
- Three-phase and single-phase electricity meter
- With GFVS-Energy software

24 Wesel – Kawohl Verlag

- Lighting
- Shading
- Heating control
- Outdoor lighting
- Central functions
- 60 sensors and actuators incl. Smart Home central unit GFVS-Safe IV
- IP gateways

Visit Eltako on our Social Media channels.

Technical support:

☏ +49 176 135 825 14   ✉ thuente@eltako.de

Export Sales Manager:

☏ +49 711 943 500 01   ✉ export@eltako.de

Eltako GmbH
Hofener Straße 54,
D-70736 Fellbach

☏ +49 711 943 500 00
✉ info@eltako.de   🌐 eltako.com   🌐 eltako-wireless.com   🌐 tap-radio.com

enocean alliance
Member

03/2019

Art.-No. 787