

■ ■ ■ Professional home automation




myTEM

SmartHome

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**»We are the profis for
home automation«**
Efficient, reliable, innovative.

The building automation solution from Switzerland

With myTEM you have a competent partner for building automation and home automation at your side. You will benefit from our comprehensive know-how and strengthen your portfolio with high-quality products that will please your customers for a long time.

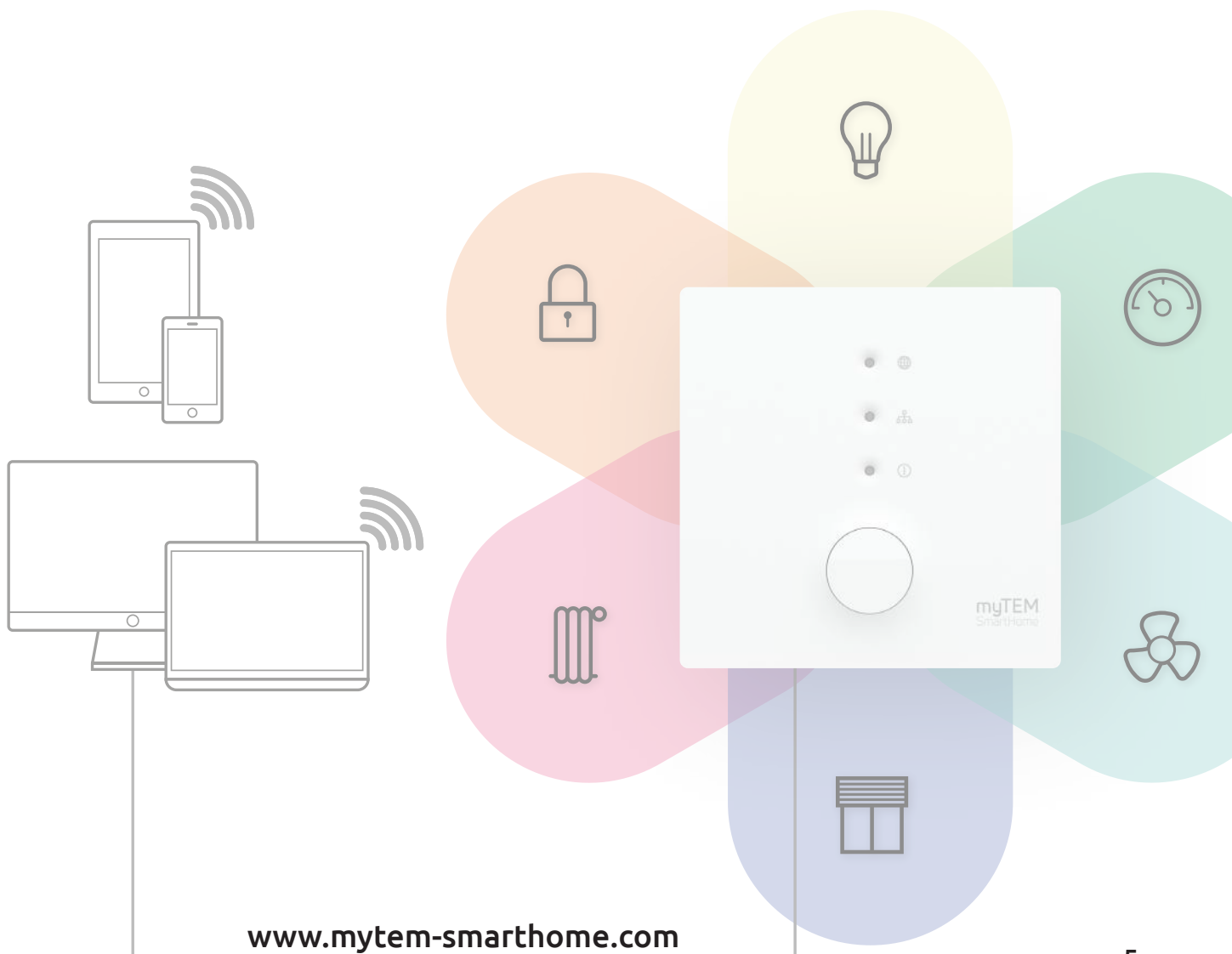
We have partners from all sectors for whom long-lasting products are important. You will also appreciate our consulting competence in the project area and our offers tailored to your needs.

The satisfaction of our customers is of great concern to us. Therefore, our motivated team takes care every day to offer you the best possible service. At myTEM we are open to your wishes and always endeavor to offer you a suitable solution quickly.



Your advantages at a glance

- Technical support services and consulting
- Product training and training materials
- Telephone hotline for specialized trade partners
- Many years of experience in home automation
- Support for on-site commissioning, programming, etc.
- Listing as sales partner on the myTEM website





myTEM SmartHome

Robust and expandable.



myTEM makes smart home technology accessible to a wide audience. The powerful system was developed specifically for the needs of different customers. It is easy to configure and does not compromise on security and data protection.

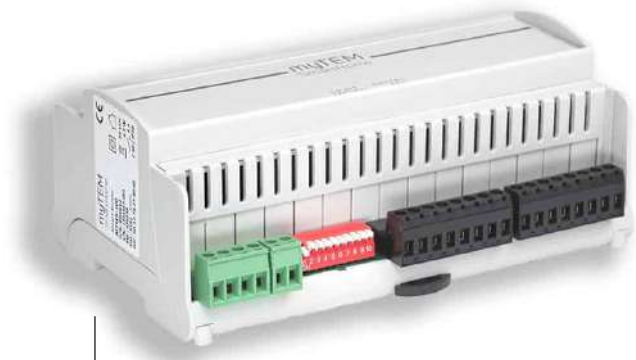
The individual scope of the smart home system and the desired level of automation determine which elements are used. The myTEM products are suitable for both new buildings and modernization projects.

With the various expansion modules and the Free Topology products, the system of myTEM can be adapted to any size and a variety of requirements. myTEM Radio Server or myTEM Radio Base are able to integrate Z-Wave components from different manufacturers.

The **myTEM Server** is available both in the radio-based version as **Radio Server** and for wired installation in the control cabinet as **Smart Server**.



Radio Server



Smart Server

myTEM - the right choice

Benefit from many advantages

As a **building owner**, you benefit from several advantages when you use the automation solution from myTEM. In addition, the value of your property increases. The myTEM Smart Home System is easy to configure and convinces with low installation costs. Programming changes can be made independently thanks to a simple graphical interface and function blocks. In addition, myTEM support is always available to answer your questions.

Our price-performance ratio and the low installation costs are what make **electrical companies and electrical planners** sit up and take notice. We support commissioning and installation on site and also make special applications possible. The myTEM hotline ensures support in the planning phase and installation service. The tender texts and the comprehensive installation manual facilitate the daily work. The well-qualified myTEM staff will be happy to support you and help you with any questions you may have regarding automation projects. The myTEM training courses also ensure more efficiency in the daily planning work.

For **architects**, the myTEM system allows for differentiation and the range of products can be extended beyond conventional building services. Thanks to its flexibility and scalability, even larger automation projects can be realized with the myTEM solution. The living comfort is increased by the healthier room climate, the lighting mood adapted to the time of day and many other smart functions. Our myTEM professionals will be happy to advise you and show you how home automation can make living even more attractive and create added value.

As a **prefabricated house provider**, with myTEM you benefit from a target customer oriented offer and you can offer premium houses with myTEM's home automation solution. Special requirements are made possible and a good after sales service and support is included. With myTEM complete solutions of all kinds can be realized, ranging from indoor climate, lighting concepts, door communication, shading to security issues.



myTEM

SmartHome

■ ■ ■ Home automation

More living comfort and energy efficiency

With myTEM you will enjoy a higher level of home comfort and save money at the same time by using an energy-efficient system. The solution is thereby adapted to your requirements. In an intelligent way, different components such as light, security and heat are brought into harmony. The myTEM solution can be expanded at any time and adapts to your wishes.

It almost doesn't get any smarter than this.



The future-proof system from myTEM gives you long-term security and sustainably increases the value of your property.



Light



The myTEM light control offers you a wide range of different functions that are much more than just switching the light off or on. At the same time, the light is easily configurable and customizable at any time via the myTEM ProgTool or the app. This allows you to create a very personal feel-good atmosphere.



Shading



Thanks to myTEM, your home can be ideally shaded at any time. The awnings, roller shutters and venetian blinds can be operated intuitively via touch panel and app. Readjustment and manual operation is also possible via switches. The shading is fully automatic according to the position of the sun. This way, your living spaces are protected against overheating during the day and you automatically have privacy protection in the evening.



Room Climate



The room temperature is a very personal matter and myTEM SmartHome automatically adjusts it to your wishes. If a window or door is left open for a longer period of time, the window and door contact reports this to the heating control, which automatically lowers the temperature. This helps to save energy.



Security



With the smart home solution from myTEM, your building is optimally guarded at all times. Because the system immediately detects if someone is approaching without authorization and sounds the alarm in an emergency. It warns directly of dangers such as fire or smoke and alerts you to leaking water. In this way, myTEM ensures greater safety at all times. The tested components help you to do this.



Ventilation



Fresh air is known to be important for physical well-being and health. That is why myTEM independently controls the ventilation system in the house and apartment according to defined schedules, presence, room air sensors or manual input. That is modern ventilation.



Time control



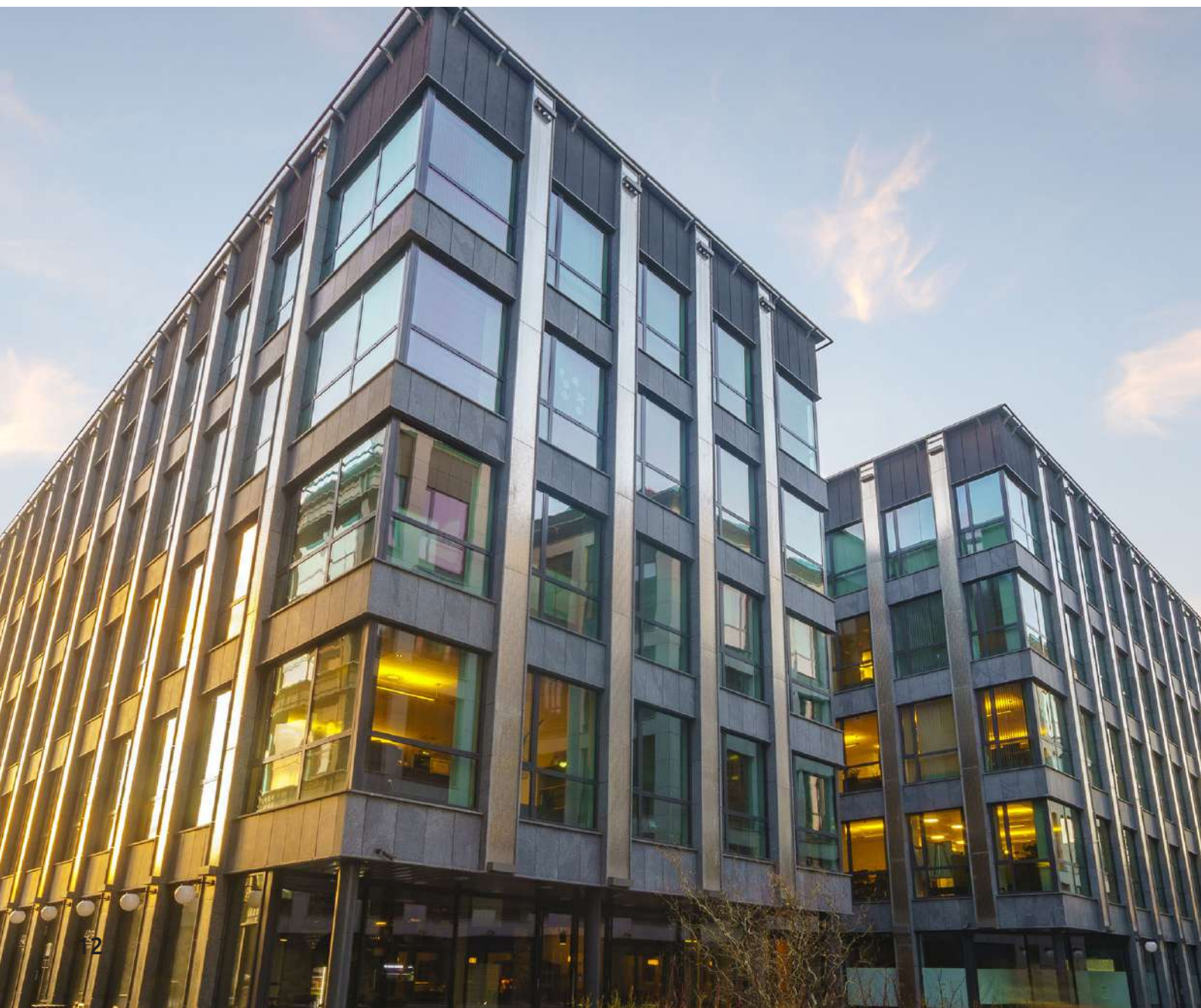
Individual wishes for a cozy home are easily fulfilled with the myTEM time control. And if you are not at home, various presence simulations, such as switching on the light or TV, provide security.

■ ■ ■ Building automation

Intelligent building automation for commercial properties

With myTEM, commercial properties of all kinds can be controlled reliably, efficiently and intelligently. Lighting, shading, heating and ventilation are controlled fully automatically. In this way, the comfort and quality of the building can be increased and operating costs reduced at the same time. Nevertheless, manual interventions are possible at any time. Thanks to the interfaces, the myTEM system is extremely flexible and equally suitable for projects of different sizes.

With myTEM you are well advised at all times.



Automation saves you resources because everything is controlled by itself. The CAN bus technology is robust and offers maximum speed in signal transmission.



Light



Your employees will love the pleasant working atmosphere. Depending on requirements and preferences, the lighting adjusts individually. As soon as the sun shines, myTEM automatically reduces the light intensity. Even when darkness falls, the lighting is regulated accordingly. Functional light supports concentration and motivation.



Shading



With myTEM, you benefit from clever shading that not only provides sun protection in the building, but also ensures constant comfortable temperatures. The blinds and shutters ensure the greatest possible security around the clock and can either be programmed with fixed times or controlled fully automatically according to the position of the sun. Readjustments are possible at any time via switch or app.



Room Climate



The intelligent products from myTEM control the heating, air conditioning and ventilation so that an optimal indoor climate is always achieved. In this way, those responsible gain time for the important tasks in the company, because the building regulates the ideal room climate itself around the clock.



Security



The smart home products from myTEM form the basis for more security and are the cornerstone for monitoring buildings. Motion and smoke detectors trigger alarms in combination with door and window sensors, depending on the configuration. Unforeseen events are reported via push message to your smartphone.



Ventilation



Fresh air prevents illness, so regular air exchange is becoming increasingly important. myTEM independently controls the ventilation system in the building according to defined schedules or manual input. Heat exchangers prevent the rooms from cooling down.



Time control



The time control of myTEM makes it possible to switch the light on and off automatically. The power supply to office workstations and machines is controlled according to working and production times. Holiday programs and other features are selectable.

The automation solutions from myTEM

The systems were developed specifically for the needs of different customers and can be flexibly expanded and combined. Simple and without compromise in terms of security, function and data protection. The right solution for new buildings or renovations, with or without cabling.

For new buildings and renovation projects

More comfort and security through wired building automation.

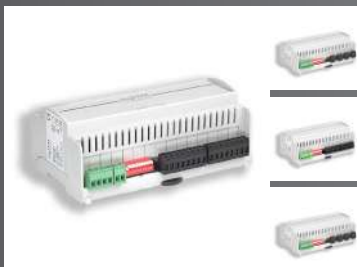
myTEM WIRED

For remodeling and renovations

Wireless home automation for retrofitting. For private and commercial real estate.

myTEM WIRELESS

WIRED



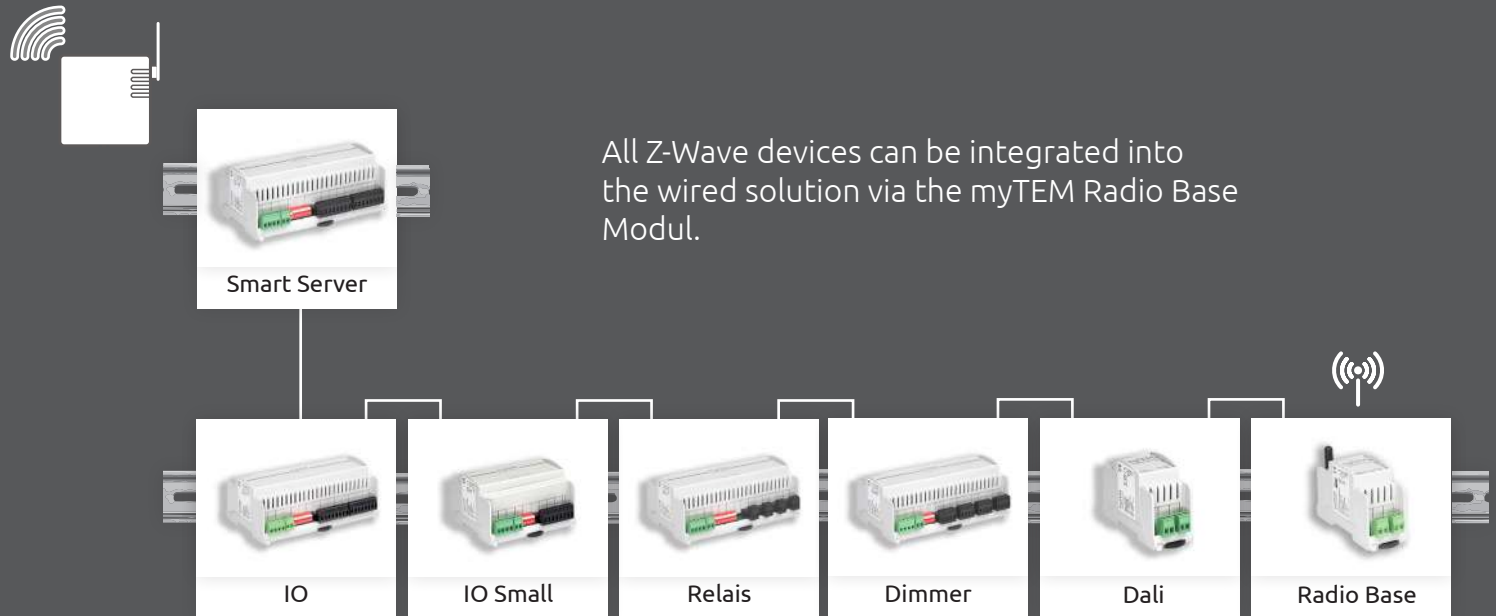
WIRELESS



FREE TOPOLOGY



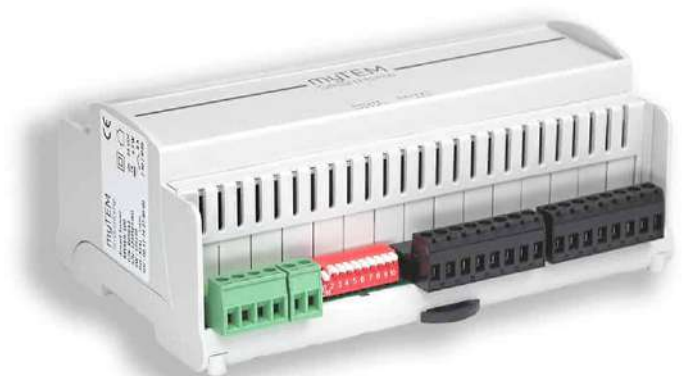
myTEM wired system



Communication of the wired components via CAN bus.

Smart Server MTSER-100

The Smart Server from myTEM is suitable for installation in the control cabinet. With the existing inputs and outputs, as well as the interfaces, many devices can be connected directly to the Smart Server. It organizes the data communication between all devices and controls the data encryption. The myTEM ProgTool is used to quickly and easily create customized programs and sequences that automate the building. The device is installed on a 35 mm DIN rail.





All wired devices can be integrated into the radio solution via the integrated CAN bus interface of the myTEM Radio Server.

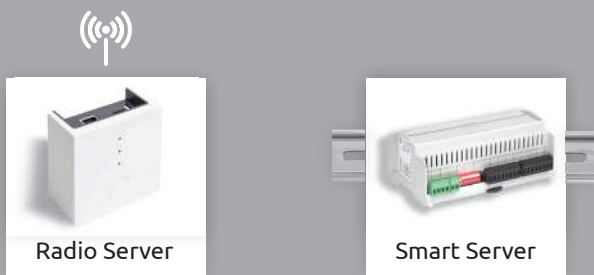
Communication of the radio components via Z-WAVE.

Radio Server MTSER-100-WL

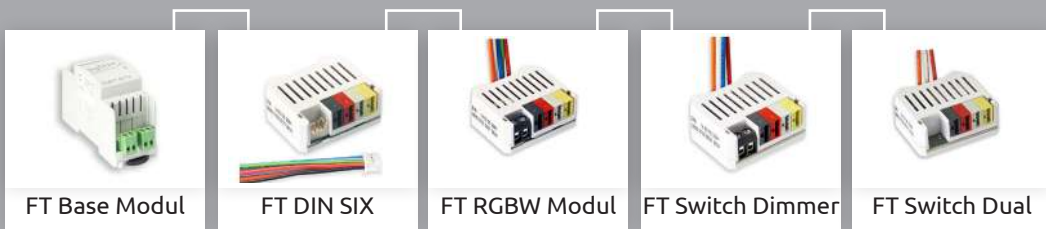
The myTEM Radio Server MTSER-100-WL is a universal, Z-Wave compatible smart home controller. It can control various devices within the Z-Wave radio network and the wired modules of myTEM via CAN bus. This makes it the heart of the smart building. The controller is accessed via the very simple, user-friendly myTEM App or the powerful programming software myTEM ProgTool.



myTEM Free Topology system



The integrated CAN bus interface of the myTEM FT Base Modul can be used to communicate via the Radio Server or Smart Server.



These components are distributed in the individual rooms.

FT Base Modul MTBAS-100-FT

The FT Base Modul is the Free Topology interface and extends the CAN network with products from the myTEM Free Topology range. This reduces the installation effort to a minimum. The device provides two independent CFT bus interfaces, as well as the CAN bus, for communication with the Smart Server or Radio Server. The use of multiple FT Base modules is possible.



myTEM

SmartHome

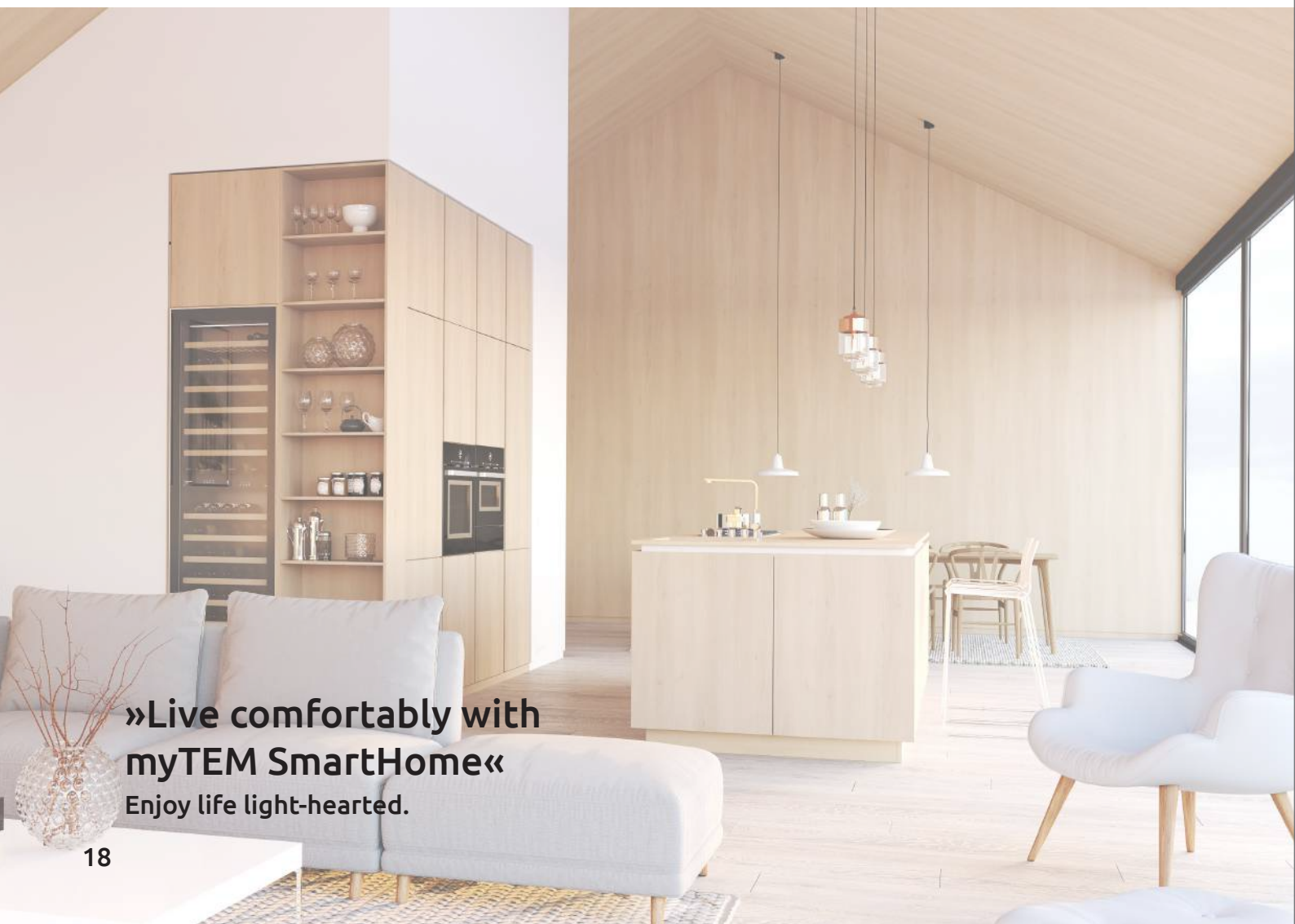
■ ■ ■ The complete system from myTEM

An ingenious system for all requirements

myTEM offers a suitable solution for every need. Either wired or wireless. The individual scope and degree of automation determine which elements are used. myTEM is suitable for both, new buildings and modernization projects. With myTEM you increase your living comfort, the value of your property and save energy at the same time.

With or without wiring

The brain of the smart home solution, the myTEM Server, is available both in the radio based version and for wired installation in the control cabinet. With various expansion modules and gateways, the smart home system from myTEM can be adapted to any size and requirement. Z-Wave components from different manufacturers can also be integrated via the Radio Server or Radio Base.



»Live comfortably with
myTEM SmartHome«
Enjoy life light-hearted.

The complete solution from myTEM as a hybrid system



Smart home control from myTEM

The myTEM app for smartphone and tablet

With the myTEM app, you operate your building entirely according to your wishes. As individual as you want it, simple and user-friendly. Whether your building is used privately or commercially, with an internet connection you can control the configured processes from anywhere. Security is always guaranteed, because your access is encrypted.



The myTEM App:

- > Parameterization and modification of the elementary functions
- > Central display and operating element of myTEM
- > For Android and iOS

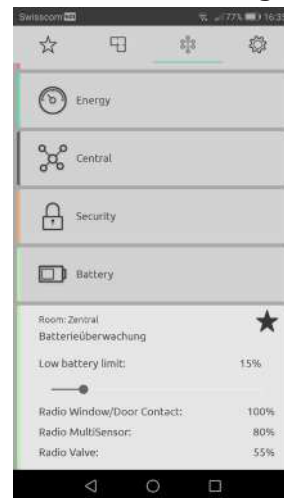
Smart Home Manager



Functions



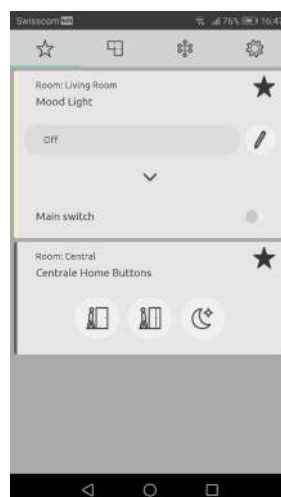
Batterie monitoring



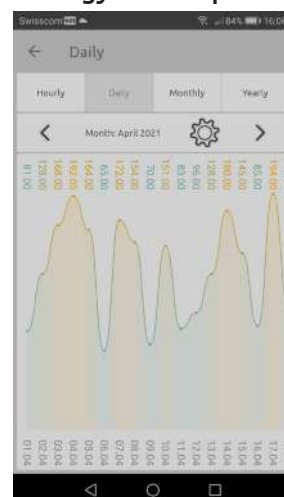
Rooms



Favorites

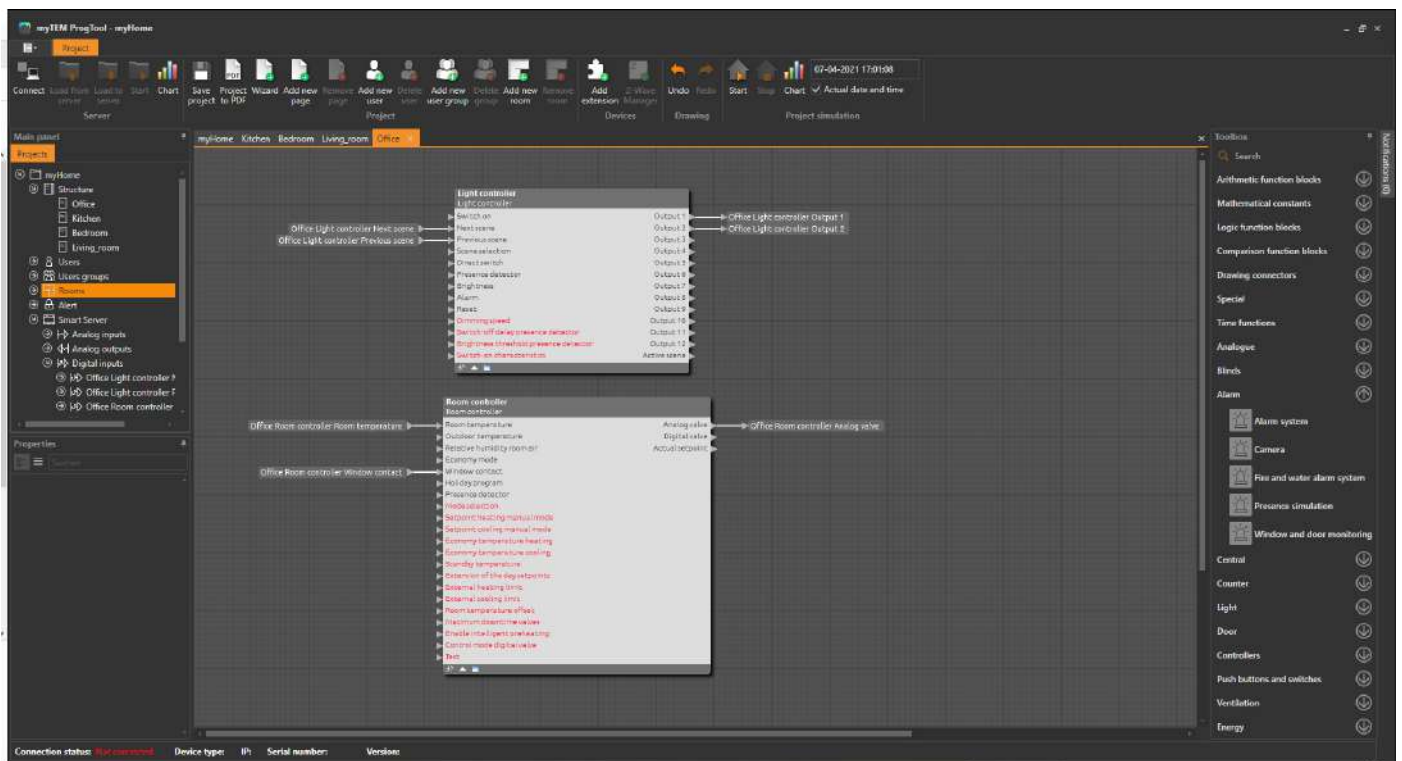


Energy consumption



The professional software myTEM ProgTool

With the programming tool myTEM ProgTool, customized configurations can be created quickly and easily. Due to the graphical programming and the extensive function library, even the most complex tasks and scenes are quickly created and automated. The information from the planning tool can be transferred to the ProgTool.



The myTEM ProgTool:

- > Desktop software
- > Data import from the planning tool into the myTEM ProgTool
- > Programming graphical and easy to learn
- > Extensive function library
- > Simulation and real-time view

Technologies used by myTEM

myTEM adapts to the requirements

The smart home system from myTEM can be used both wired in the control cabinet and wired in the building via Free Topology. Furthermore, it is possible to use the system as a wireless solution or combined as a hybrid solution. **Wired solutions** are advantageous when particularly reliable, stable and uniform signal transmission is required.

Radio solutions are always advisable when the existing infrastructure is to be automated without laying cables. This may be the case, for example, during renovation or modernization. myTEM is also prepared to integrate door and access systems, weather data, camera or heating via network communication. In addition, there is a DALI interface, to integrate the existing DALI lighting installation. Furthermore, the myTEM system can also be operated via voice.

Below are some examples of the prepared functions in the myTEM system:

Can be integrated via network communication:

- Full access to TEM heating controllers via TEM-RC 7020
- The Doorbird door communication system can be easily integrated into myTEM
- Internet cameras can be integrated via HTTP, HTTPS and RTSP
- Generic network devices can be integrated via HTTP or HTTPS e.g. with JSON or SOAP

Various products and data from Netatmo can be conveniently processed and visualized such as:

- Aneometer (data points: Wind strength, wind direction, gust strength, gust direction, battery level)
- Indoor Module (data points: CO2, temperature, humidity, battery level)
- Outdoor Module (data points: temperature, humidity, battery level)
- Rain Gauge (data points: rain, battery level)
- Weather Station (base station) (data points: CO2, noise, air pressure, temperature, humidity)

DALI (Digital Addressable Lighting Interface):

- Simple control of lamps
- Up to 64 actuators per DALI bus (1x DALI Base device)
- These can be divided into up to 16 groups
- Up to 300 meters cable length, 2-wire
- According to IEC 62386

Voice controllers:

- Alexa (Voice assistant from Amazon)
- Google Assistant

Cloud:

- Operation is also possible without cloud
- myTEM uses Microsoft Azure Cloud (among others IoT Hub + Websocket/SiganlR communication)

**»Reliable products that
make everyday life easier«
Benefit from our experience.**



Smart Server MTSER-100 - art. no. 805613

The Smart Server MTSER-100 is suitable for installation in the control cabinet. With the existing inputs and outputs, as well as the interfaces, many devices can be connected directly to the Smart Server. It organizes the data communication between all devices and controls the data encryption. The myTEM ProgTool is used to quickly and easily create customized programs and sequences that automate the building. The device is installed on a 35 mm DIN rail.

Features:

- Operating voltage 24 VDC \pm 10% with support terminals for further wiring
- CAN bus
- 8 digital inputs 24 VDC (DI1 - DI8) for e.g. external switches
- 24 VDC supply, 100 mA, for the digital inputs DI1 - DI8 (VDIout)
- 4 analog inputs 0-10 VDC (AI1 - AI4). On AI1 and AI2 it is possible to use NTC, PTC or PT1000 sensors. All analog inputs are also usable as digital inputs 24 VDC.
- 4 analog outputs 0-10 VDC, 20 mA (AO1 - AO4)
- 8 digital outputs with potential free relay 8 A, 250 VAC or 30 VDC (DO1 - DO8)
- Manual setting of outputs via DIP switch for easy commissioning
- Dimensions (W \times H \times D) 161 \times 102 \times 63 mm (height with connectors 107 mm)



Radio Server MTSER-100-WL - art. no. 805614

The Radio Server is a universal, Z-Wave compatible smart home controller. It can control various devices within the Z-Wave radio network and the wired myTEM modules via CAN bus. This makes it the heart of the smart building. The controller is accessed via the very simple, user-friendly myTEM App or the extremely powerful myTEM ProgTool software. The system is connected to the home network via Ethernet. Power is supplied via the plug-in power supply.

Features:

- Operating voltage USB power supply: 110 - 230 V AC \pm 10%, 50 - 60Hz
- Operating voltage device: 5 V DC \pm 5%, USB type C
- Interfaces: LAN, CAN, Z-Wave wireless standard, USB-A
- Data storage: Micro SD card (included)
- Power consumption: 0.3 W (standby), 0.8 W maximum
- Operating temperature range: 0° C to +50° C, non-condensing
- Dimensions (W \times H \times D): 88 \times 88 \times 45 mm



IO devices

IO Modul MTIOM-100 - art. no. 805625

The MTIOM-100 IO Modul is used for expansion with additional inputs and outputs. For this purpose, the device is connected to the central smart server via the CAN bus system. Lighting, single-phase fan motors, roller shutters or blinds can be controlled via this. The device is installed on a 35 mm DIN top-hat rail.

Features:

- Operating voltage: 24 V DC \pm 10%, with support terminals for further wiring
- Interfaces: CAN bus
- Inputs digital: 12x Digital In 24 V DC (DI1 - DI12)
- Inputs universal: 4x Analog In 0-10 V DC (AI1 - AI4), AI1 & AI2 also for NTC, PTC or PT1000 or 4x Digital In 24 V DC
- Outputs analog: 4x Analog Out 0-10 V DC, 20 mA (AO1 - AO4)
- Outputs digital: 8x Digital Out, potential free relay 8 A, 250 V AC or 30 V DC (DO1 - DO8)
- Manual control of the outputs by DIP-switches for easy commissioning
- Operating temperature range: 0° C to +50° C, non-condensing
- Dimensions (W×H×D): 161 × 102 × 63 mm (height with connectors 107 mm)



IO Modul Small MTIOS-100 - art. no. 805626

The IO Modul Small MTIOS-100 is used for expansion with additional inputs and outputs. For this purpose, the device is connected to the central smart server via the CAN bus system. Lighting, single-phase fan motors, shutters or blinds can be controlled via this. The device is installed on a 35 mm DIN top-hat rail.

Features:

- Operating voltage: 24 V DC \pm 10%, with support terminals for further wiring
- Interfaces: CAN bus
- Inputs digital: 6x Digital In 24 V DC (DI1 - DI6)
- Inputs universal: 2x Analog In 0-10 V DC (AI1 - AI2), AI1 & AI2 also for NTC, PTC or PT1000 or 2x Digital In 24 V DC
- Outputs analog: 2x Analog Out 0-10 V DC, 20 mA (AO1 - AO2)
- Outputs digital: 4x Digital Out, potential free relay 8 A, 250 V AC or 30 V DC (DO1 - DO4)
- Manual control of the outputs by DIP switches for easy commissioning
- Operating temperature range: 0° C to +50° C, non-condensing
- Dimensions (W×H×D): 107 × 102 × 63 mm (height with connectors 107 mm)



Relais Modul MTREL-100 - art. no. 805628

The Relais Modul MTREL-100 is suitable for large loads up to 16 A. The switching module is connected to the central smart server via the CAN bus. Suitable for switching loads, sockets, lighting, single-phase fan motors, etc. The device is installed on a 35 mm DIN rail.

Features:

- Operating voltage: 24 V DC \pm 10%, with support terminals for further wiring
- Interfaces: CAN bus
- Outputs digital: 12x Digital Out, potential-free relays, 250 V AC, $\cos(\varphi) = 1$, 16 A or 30 V DC (DO1 - DO12)
- Maximum current, sum over all relays: 48 A
- Manual control of the outputs by DIP switches for easy commissioning
- Operating temperature range: 0° C to +50° C, non-condensing
- Dimensions (W×H×D): 161 × 102 × 63 mm (height with connectors 107 mm)



Dimmer Modul MTDIM-100 - art. no. 805627

The MTDIM-100 Dimmer Modul expands the smart home system with switching and dimming functions for LED incandescent or halogen lamps. The digital inputs can be assigned to any outputs in the system. The module is connected to the central smart server via the CAN bus system. It is suitable for switching and dimming incandescent or halogen lamps and dimmable inductive transformers with halogen or LED lamps. The device is installed on a 35 mm DIN top-hat rail.

Features:

- Operating voltage: 24 V DC \pm 10%, with support terminals for further wiring
- Interfaces: CAN bus
- Digital inputs: 8x Digital In 24 V DC (DI1 - DI8)
- Outputs analog: 4x Analog Out 230 V AC, 250 W/output, phase-on- or phase section, max. cable length = 20 m
- Manual control of the outputs by DIP switches for easy commissioning
- Operating temperature range: 0° C to +50° C, non-condensing
- Dimensions (W×H×D): 161 × 102 × 63 mm (height with connectors 107 mm)



IO devices

Dali Modul MTDAL-100 - art. no. 805629

The DALI Modul MTDAL-100 is used for lighting control for up to 64 DALI products. Connected to the CAN bus, all DALI luminaires can be integrated via the myTEM ProgTool. DALI (Digital Addressable Lighting Interface) is used for intelligent control of lighting equipment. Up to 64 operating devices are wired in parallel and controlled centrally. Individually addressed, they can be assigned to up to 16 lighting groups. In addition, status and individual parameters such as dimming values can be queried. The device is installed on a 35 mm DIN top-hat rail.

Features:

- Operating voltage: 24 V DC \pm 10%, with support terminals for further wiring
- Interfaces: CAN bus, DALI bus
- DALI standard: EN 62386-101:2014 EN 62386-103:2014
- Operating temperature range: 0° C to +50° C, non-condensing
- Dimensions (W×H×D): 38 × 102 × 63 mm (height with connectors 107 mm)

NOTE! For correct function, the DALI bus requires an external DALI switching power supply (MTPOD-100 art. no. 805687).



Z-WAVE

Radio Switch Dual MTSWI-100-WL - art. no. 805618

The Radio Switch Dual MTSWI-100-WL is a universal, Z-Wave compatible radio wall switch (on/off) and is used to control two electrical devices (e.g. lights, fans, blinds etc.). The current and energy consumption of the connected devices is measured. Two additional digital inputs and the programmable behavior for radio commands, allow flexible use in the house. At the same time, the device also serves as a Z-Wave repeater to improve the range and stability of the Z-Wave network. The device is designed for installation in a flush-mounted or cavity wall box, e.g. behind light switches or power sockets.

Features:

- Operating voltage: 110 - 230 V AC \pm 10%, 50 - 60Hz or 24 V DC
- Inputs digital: 2x Digital In 230 V AC or 24 VDC (same potential as operating voltage for e.g. external switches)
- Outputs: 2x Digital Out (relay) 250 V AC 6 A $\cos(\varphi) = 1$, 30 V DC 6 A
- Interfaces: Z-Wave radio standard
- Mounting: in flush-mounted or cavity wall box (wall, ceiling) \geq \varnothing 60 mm, depth \geq 60 mm
- Operating temperature range: 0° C to +40° C, non-condensing
- Dimensions (W×H×D): 44 × 41 × 19 mm



Radio Switch Dual Plus MTSWI-101-WL - art. no. 805638

The Radio Switch Dual Plus MTSWI-101-WL is a universal, Z-Wave compatible radio wall switch (on/off) with touch control and is used to control two electrical devices (e.g. lights, fans, blinds etc.). Optionally, a myTEM Touch Add-On Glossy MTTOU-100 operating unit with five buttons, as well as with a temperature and window sensor, can be connected. This can be used to control the integrated outputs or independently. Two additional digital inputs and the programmable behavior for radio commands allow flexible use in the house. At the same time, the device also serves as a Z-Wave repeater to improve the range and stability of the Z-Wave network. The device is designed for installation in a flush-mounted or cavity wall box, e.g. behind light switches or power sockets.

Features:

- Operating voltage: 110 - 230 V AC \pm 10%, 50 - 60Hz or 24 V DC
- Inputs digital: 2x Digital In 230 V AC or 24 VDC (same potential as operating voltage for e.g. external switches)
- Outputs: 2x Digital Out (relay) 250 V AC 6 A $\cos(\varphi) = 1$, 30 V DC 6 A
- Interfaces: Z-Wave radio standard
- Connection socket for myTEM Touch Add-On Glossy MTTOU-500 control unit with 5 buttons, temperature and humidity sensor
- Mounting: in flush-mounted or cavity wall box (wall, ceiling) $\geq \varnothing$ 60 mm, depth \geq 60 mm
- Operating temperature range: 0° C to +40° C, non-condensing
- Dimensions (WxHxD): 44 x 41 x 19 mm



Radio Switch Dimmer MTSWD-100-WL - art. no. 805655

The Radio Switch Dimmer MTSWD-100-WL is a Z-Wave compatible radio wall dimmer and is used to control lighting (e.g. dimmable LED, incandescent or halogen lamps, etc.). The current and energy consumption of the connected lamp(s) is measured. Three additional digital inputs and the programmable behavior for radio commands allow flexible use in the house. At the same time, the device also serves as a Z-Wave repeater to improve the range and stability of the Z-Wave network. The device is designed for installation in a flush-mounted or cavity wall box, e.g. behind light switches or power sockets.

Features:

- Operating voltage: 230 V AC \pm 10%, 50 Hz
- Inputs digital: 3x Digital In, 230 V AC (I1 - I3)
- Output: 0-250W, 230 VAC, $\cos(\varphi) = 1$
- Interfaces: Z-Wave wireless standard
- Mounting: in flush-mounted or cavity wall box (wall, ceiling) $\geq \varnothing$ 60 mm, depth \geq 60 mm
- Operating temperature range: 0° C to +40° C, non-condensing
- Dimensions (WxHxD): 44 x 41 x 19 mm



Z-WAVE

Radio Switch Shutter Plus MTSWIS-101-WL - art. no. 805708

The Radio Switch Shutter Plus MTSWIS-101-WL is used to control a venetian blind with or without movable slats, roller shutters, awnings, etc. It is controlled via the Radio Server, via switches/pushbuttons connected to the inputs or via the optionally connectable myTEM Touch Add-On Glossy MTTOU-500 control panel. The Radio Switch Shutter Plus can be used to control shutters and blinds, both via Z-Wave and with conventional wall switches, at the installation location. At the same time, the device also serves as a Z-Wave repeater to improve the range and stability of the Z-Wave network. When used together with the myTEM Touch Add-On, the temperature and humidity sensor integrated there, as well as its lighting, cannot be used. Suitable for connection of one motor. The device is designed for installation in a flush-mounted or cavity wall box, e.g. behind light switches or sockets.

Features:

- Operating voltage: 110 - 230 V AC \pm 10%, 50 - 60 Hz or 24 V DC
- Inputs digital: 2x Digital In, (I1 - I2), 230 V AC or 24 V DC (corresponding to the operating voltage)
- Outputs: 2x Digital Out (relay) 250V AC ϵ 1 6A $\cos(\phi)$ = 1, 30V DC 6A
- Interfaces: Z-Wave wireless standard
- Mounting: in flush-mounted or cavity wall box (wall, ceiling) \geq \varnothing 60 mm, depth \geq 60 mm
- Switching off: end position detection of the blind by calibrating the position
- Control: Z-Wave, two local buttons, 5 buttons when connected by touch Add-On Glossy
- Operating temperature range: 0° C to +40° C, non-condensing
- Dimensions (WxHxD): 44 x 41 x 19 mm



Radio IO Modul MTIOM-100-WL - art. no. 805624

The Radio IO Modul MTIOM-100-WL is used to expand inputs and outputs via Z-Wave radio communication. The device is installed on a 35 mm DIN rail.

Features:

- Operating voltage: 24 V DC \pm 10%, with support terminals for further wiring
- Inputs digital: 6x Digital In 24 V DC (DI1 - DI6)
- Inputs universal: 4x Analog In 0-10 V DC (AI1 - AI4), also for NTC, PTC or PT1000 or 4x Digital In 24 V DC
- Outputs digital: 6x Digital Out 250 V AC (relay), 8A, $\cos(\phi)$ = 1 or 30 V DC, potential free
- Interfaces: Z-Wave radio standard
- Manual control of the outputs by DIP-switches for easy commissioning
- Operating temperature range: 0° C to +50° C, non-condensing
- Dimensions (WxHxD): 107 x 102 x 63 mm (height with connectors 107 mm)



Radio IO Modul Floor MTIOM-101-WL - art. no. 805686

Radio IO module Floor MTIOM-101-WL is used to control heating valves. The device can be mounted directly into the heating manifold (also for floor heating). Communication with myTEM Smart Server is done via Z-Wave radio standard. Silent switching of the valve is provided by solid state relays: SSR (Solid State Relay). The device is mounted on a 35 mm DIN rail.

Features:

- Operating voltage: 24 V DC \pm 10%, with support terminals for further wiring
- Inputs digital: 6x Digital In 24 V DC (DI1 - DI6)
- Inputs universal: 4x Analog In 0-10 V DC (AI1 - AI4), also for NTC, PTC or PT1000 or 4x Digital In 24 V DC
- Outputs digital: 6x Digital Out 250 V AC (SSR), max. current = 0.05 A, $\cos(\varphi) = 1$, or 30 V DC
- Interfaces: Z-Wave wireless standard
- Manual control of the outputs by DIP switches for easy commissioning.
- Operating temperature range: 0° C to +50° C, non-condensing
- Dimensions (W×H×D): 107 × 102 × 63 mm (height with connectors 107 mm)



Radio RGBW Modul MTRGB-100-WL - art. no. 805615

Radio RGBW module MTRGB-100-WL is controlled by radio standard Z-Wave (type Light Dimmer Switch). It can be used for switching and dimming 4-color LED strips. Warm white setting is possible if the LED strip supports this function. Suitable for 24 V DC RGBW luminaires. The device is installed on a 35 mm DIN rail.

Features:

- Operating voltage: 24 V DC \pm 10%
- Power consumption: 0.3 W
- Outputs analog: 4x 24 V DC, max. 50 W per output
- Interfaces: Z-Wave wireless standard
- Operating temperature range: 0° C to +50° C, non-condensing
- Dimensions (W×H×D): 38 × 102 × 63 mm (height with connectors 107 mm)



Z-WAVE

Radio Base Modul MTBAS-100-WL - art. no. 805621

The myTEM Radio Base Modul MTBAS-100-WL extends the smart home system (respectively the Smart Server) by a Z-Wave gateway for controlling myTEM Radio Socket, myTEM Radio Switch, window/door contacts, motion detectors, heating thermostats, RGBW lights, smoke detectors, sirens or water leak sensors. Control is via CAN bus through the Smart Server. Up to four Radio Base Modules MTBAS-100-WL can be used with the same myTEM Smart Server on the CAN bus. This is useful, for example, if buildings are to have their own independent Z-Wave networks with a central server. The device is installed on a 35 mm DIN rail.

Features:

- Operating voltage: 24 V DC \pm 10%
- Power consumption: 0.8 W
- Interfaces: CAN bus, Z-Wave radio standard
- Operating temperature range: 0° C to +50° C, non-condensing
- Dimensions (W×H×D): 38 × 102 × 63 mm (height with connectors 107 mm)



Radio Socket CH MTSOC-100CH-WL - art. no. 805622

Radio Socket EU MTSOC-100-WL - art. no. 805623

The Radio Socket is a universal, Z-Wave compatible radio adapter type On/Off power switch for loads up to 2'300 Watt (CH) or 3'600 Watt (EU). The current and energy consumption of the connected device, as well as the humidity and temperature, are measured.

Features:

- Operating voltage: 230 V AC \pm 10%, 50 - 60 Hz
- Integrated sensors: power consumption, room temperature, humidity
- Control: button, Z-Wave radio control
- Power consumption: 0,35 W
- Mounting: Directly into socket, type F(EU) and type J (CH)
- Operating temperature range: 0° C to +50° C, non-condensing
- Dimensions (W×H×D): 60 × 88 × 74 mm



myTEM

SmartHome

myTEM sytem components

Z-WAVE

More Z-Wave products

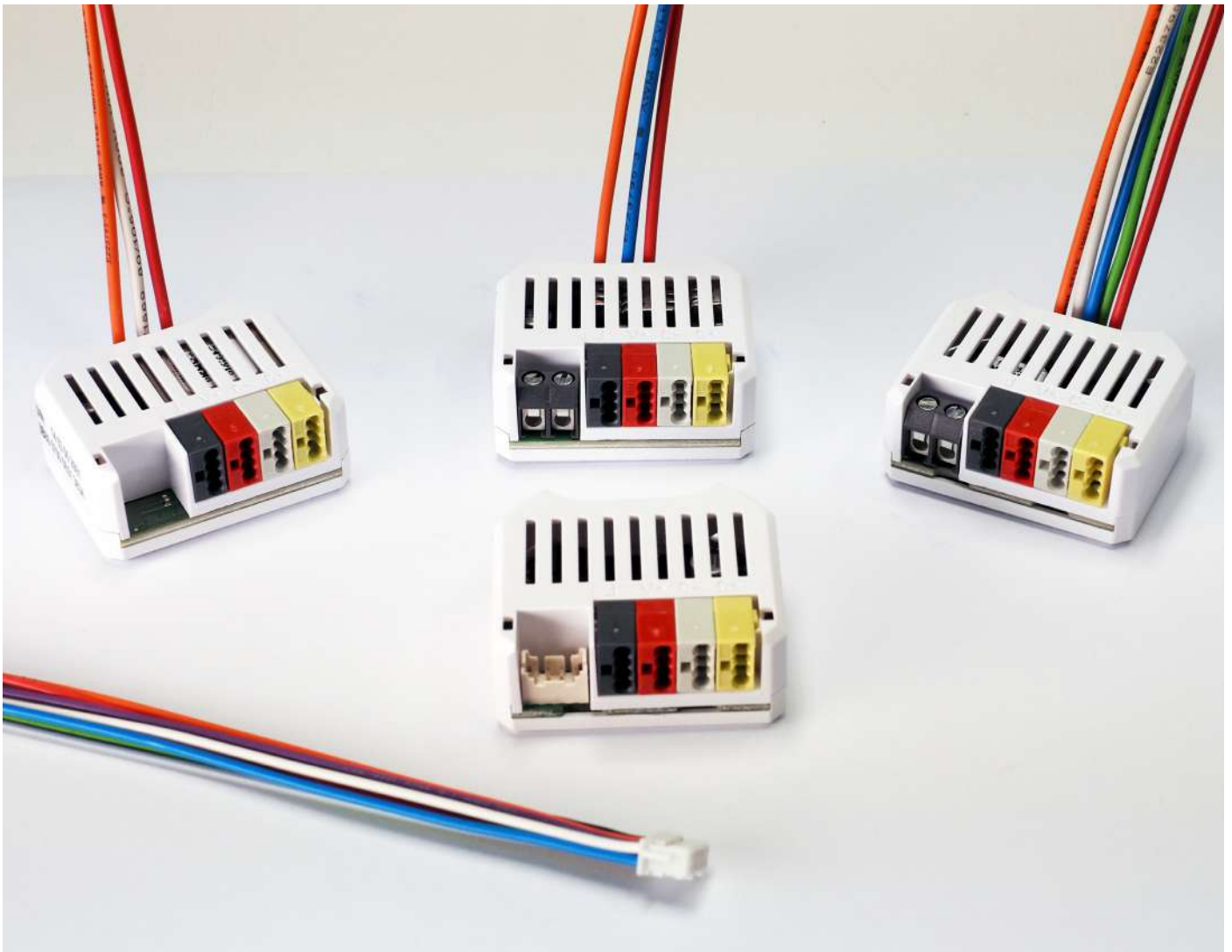


The Radio Server from myTEM is also able to integrate Z-Wave products from other manufacturers.



**»We automate
your building too«**
Professional, expeditious, sustainable.

FREE TOPOLOGY



The advantages of the myTEM Free Topology system:

- 50 components per string
- Simpler wiring
- Simpler installation
- Less cabling effort
- Good expandability
- More space in the control cabinet

«The Free Topology modules»

Guarantee adaptability and flexibility.

FT Base Modul MTBAS-100-FT - art. no. 805688

The FT Base Modul MTBAS-100-FT is used to expand the smart home system with products from the myTEM Free Topology range. This reduces the installation effort to a minimum. The device provides two independent CFT bus interfaces, as well as the CAN bus, for communication with Smart Server or Radio Server. The use of several FT Base Modules is possible. The device is installed on a 35 mm DIN rail.

Features:

- Operating voltage: 24 V DC \pm 10%
- Power consumption: 0.28 W
- Interfaces: CAN bus, 2x CFT bus
- Operating temperature range: 0° C to +50° C, non-condensing
- Dimensions (W×H×D): 38 × 102 × 63 mm
- Up to 50 components per CFT bus



FT DIN SIX MTDIN-100-FT - art. no. 805689

The FT DIN SIX MTDIN-100-FT serves as a 6-fold input extension for buttons, switches or door and window contacts. Two inputs can alternatively be used as analog inputs for 0 - 10 V or for connecting temperature sensors. Optionally, the myTEM Touch Add-On Glossy can be connected. Intended for installation in a flush-mounted or cavity wall box.

Features:

- Operating voltage: 24 (10 - 26) V DC, with support terminals for further wiring
- Power consumption: 0.14 W
- Inputs digital: 4x Digital In 24 V DC (DI1 - DI4)
- Inputs universal: 2x Analog In 0-10 V DC (AI1 - AI2), also for NTC, PTC or PT1000 or 2x Digital In 24 V DC
- Interfaces: CFT bus, connection for myTEM Touch Add-On Glossy
- Operating temperature range: 0° C to +40° C, non-condensing
- Dimensions (W×H×D): 44 x 41 x 19 mm



FREE TOPOLOGY

FT RGBW Modul MTRGB-100-FT - art. no. 805691

The FT RGBW Modul MTRGB-100-FT is used to control and dim 4-color LED strips or lamps. The device is designed for installation in a flush-mounted or cavity wall box.

Features:

- Operating voltage: 24 (10 - 26) V DC, with support terminals for further wiring
- Power consumption: 0.1 W
- Outputs: 4x 12 or 24 V DC, 2 A per output, dimmable, electronically controlled, RGBW
- Interfaces: CFT bus
- Operating temperature range: 0° C to +40° C, non-condensing
- Dimensions (W×H×D): 44 x 41 x 19 mm



FT Switch Dimmer MTSWD-100-FT - art. no. 805692

FT Switch Dimmer MTSWD-100-FT is used for switching and dimming of lighting. The device is designed for installation in a flush-mounted or cavity wall box.

Features:

- Operating voltage: 24 (10 - 26) V DC, with support terminals for further wiring
- Power consumption: 0.26 W
- Outputs: 1x 230 V AC, 0 - 250 W, $\cos(\varphi) = 1$, dimmable, electronically controlled MOS-FET, max. current = 1 A
- Measurement value recording: power, energy
- Interfaces: CFT bus
- Operating temperature range: 0° C to +40° C, non-condensing
- Dimensions (W×H×D): 44 x 41 x 19 mm



FT Switch Dual MTSWI-100-FT - art. no. 805690

The FT Switch Dual MTSWI-100-FT is a universal electronic switch with two outputs. The device is designed for installation in a flush-mounted or cavity wall box. To keep the power consumption low even when the relay is switched, bistable relays are used.

Features:

- Operating voltage: 24 (10 - 26) V DC, with support terminals for further wiring
- Power consumption: 0.07 W
- Outputs digital: 2x 250 V AC, 6 A, or 30 V DC $\cos(\varphi) = 1$
- Measurement value recording: power, energy
- Interfaces: CFT bus
- Operating temperature range: 0° C to +40° C, non-condensing
- Dimensions (W×H×D): 44 x 41 x 19 mm



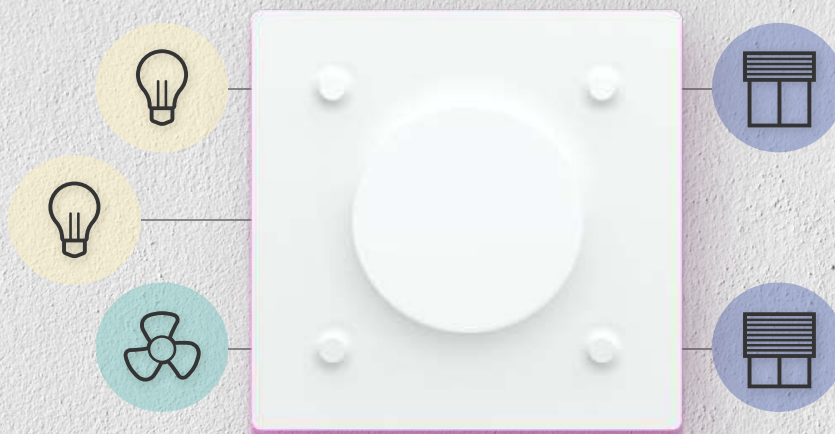
ACCESSORIES

Touch Add-On Glossy MTTOU-500 - art. no. 805619

The Touch Add-On Glossy is a smart control unit with five capacitive buttons and is always used together with the Radio Switch Dual Plus, Radio Switch Shutter Plus or FT DIN SIX and powered from it. This is also used for communication with the smart server. In addition, a temperature and humidity sensor, as well as a multi-color illumination, are integrated. The color can be freely selected. The control panel is visible in the dark without being obtrusive.

Features:

- Buttons: 5 fields, capacitive sensor technology
- Integrated sensors: room temperature, humidity
- Illumination: integrated, color freely selectable
- Operating temperature range: 0° C to +40° C, non-condensing
- Mounting: wall mounting above a flush-mounted or cavity wall box Ø 60 mm
- Dimensions (W×H×D): 88 × 88 × 12 mm (height surface-mounted)



»Touch Add-On, the modern control for all demands«
A stylish push button with integrated temperature and humidity measurement.

Outdoor temperature sensor ZAF-500 - art. no. 804069

The outdoor temperature sensor ZAF-500 permanently measures the outdoor temperature to control a comfortable room temperature. It is mounted in the shade. Suitable accessory for myTEM Smart Server MTSER-100, myTEM IO Modul MTIOM-100, myTEM IO Modul Small MTIOS-100. The connection to these components is made by direct cable connection.

Features:

- Sensor element: NTC, 5000 Ω at 25° C
- Measuring range: -40° C to +50° C
- Measuring accuracy: -40° C to -15° C \pm 0.7 K / -14° C to +50° C \pm 0.5 K
- Operating temperature: -40° C to +70° C
- Mounting position: Vertical, cable entry at bottom
- Color: light gray
- Dimensions (W×H×D): 45 x 66 x 30 mm



Room Temperature Sensor MTRTS-100 - art. no. 805704

The Room Temperature Sensor MTRTS-100 permanently measures the indoor temperature, for controlling a comfortable room temperature. Suitable accessories for myTEM Smart Server MTSER-100, myTEM IO Modul MTIOM-100, myTEM IO Modul Small MTIOS-100. The connection to these components is made by direct cable connection.

Features:

- Sensor element: NTC, 10000 Ω at 25° C
- Measuring range: -20° C to +60° C
- Mounting: wall mounting with plug-in base
- Housing: thermoplastic
- Dimensions (W×H×D): 85 x 25 x 85 mm





You can find the entire smart home range from myTEM at:
www.mytem-smarhome.com

myTEM

SmartHome

myTEM is a business unit of the TEM Group

Active in regulation and control since 1967

Control engineering is TEM's passion and has been for over 50 years. Developing and manufacturing high-quality products is the pronounced goal. TEM is based in Switzerland and offers a comprehensive portfolio of first-class, perfectly matched products, systems and solutions in the fields of smart home, HVAC, renewable energy, room and building automation and energy management.

State-of-the-art manufacturing technologies

Innovative spirit and customer satisfaction are what have characterized the owner-managed company TEM since 1967. Highly motivated employees develop unique solutions and the use of state-of-the-art manufacturing technologies guarantees a consistently high quality standard. This gives all TEM customers the security of always acquiring flawless and durable products.



Development and implementation of myTEM SmartHome

TEM has developed a leading system in the smart home field with years of know-how. The myTEM SmartHome solution has some outstanding advantages, such as arbitrary scalability, open Z-Wave radio standard and protected privacy. Moreover, myTEM SmartHome is programmable and controllable via a user-friendly app or comprehensive software (myTEM SmartHome App and myTEM ProgTool).

Great know-how and many years of experience

Through decades of experience and extensive know-how, TEM has not only developed advanced products for OEM customers, but has also launched numerous innovations of its own, as can be seen in the „myTEM SmartHome“ smart home product line.



**«High quality technology
from Switzerland»**

For automation solutions of all kinds.

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