

CONNECT Radio System Catalogue

Simple and intelligent – for the safest connections

Residential building control





Content

CONNECT Radio System Presentation	4
CONNECT Radio System Basics	8
- Basics/Functional principle	8
- EASY CONNECT	9
- CONNECT radio configuration tool	11
Functions and device overview	12
CONNECT Radio System Products	14
- Configurator	14
- Transmitter	17
- Switching	27
- Dimming/switching	35
- Roller shutter	41
- Router	44
- Argus movement detector	46
Index	48

Reliable function, reliable radio connections

Reliable function with reliable radio connections is the be-all and end-all of a mature radio system. And this is precisely what the CONNECT radio system offers.



CONNECT with
re-routing technology
for reliable function

Secure and innovative: more than a way to the desired radio receiver

The CONNECT radio system finds new ways of transmitting the radio signal. To be specific: always the best way. Sometimes it leads directly to the target receiver and sometimes it is forwarded via another receiver – depending on which receiver is currently best receiving the radio signal. The re-routing technology makes this possible. Your benefit: always the most reliable radio connections.

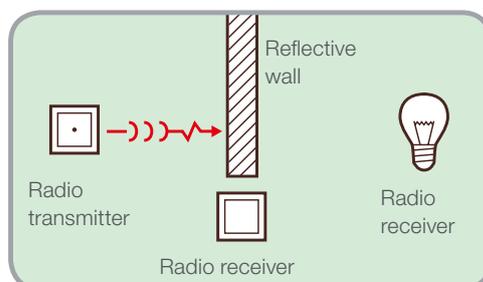
Always in dialogue: Transmitter and receiver

Transmitters and receivers are in dialogue for optimal transmission of the radio signal. That means it is not a case of sending out a one-way radio signal; instead, it is constantly checked that the receiver really has received the radio signal. The receiver sends a response when it has received the signal from the transmitter.

If the reception acknowledgement is missing once (e.g. due to a reflective wall), the CONNECT radio system automatically searches for another way to transmit the radio signal to the receiver. For example, via another radio receiver in an adjacent room that can forward the signal to the actual receiver. Perfect conditions for a reliable, trouble-free radio system in which, by the way, up to 100 participants can be networked together.

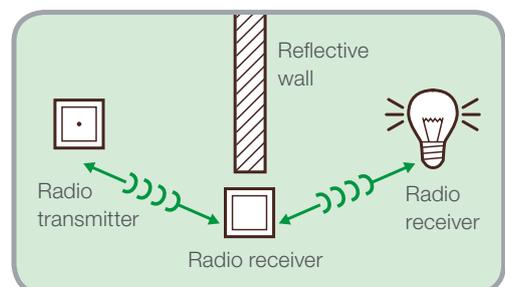
Re-routing technology

Without re-routing technology



No way through: With reflective walls or obstacles, the receiver waits for the radio signal in vain.

With re-routing technology



The most reliable solution: The signal of the CONNECT radio system continuously and automatically searches further “stopovers” for the best path to the desired receiver.



More information at:
www.z-wavealliance.org

Z-Wave™: Basis of the CONNECT radio system and established worldwide

As new as the possibilities are thanks to the innovative re-routings, the technical standard the CONNECT radio system is based on is proven: Z-Wave™. A technical standard created by numerous prominent manufacturers and successfully established worldwide. There are various solutions based on Z-Wave™ from suppliers like Black & Decker, Hunter Douglas, Universal Electronics and Danfoss.

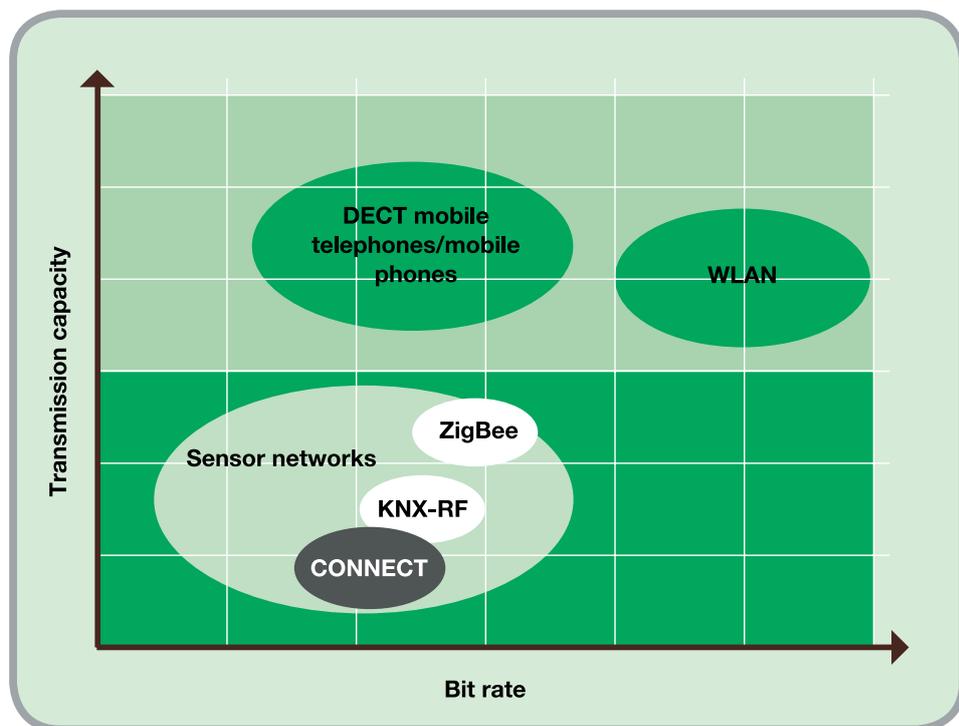
Interference-free: signal received on 868 MHz radio frequency

To protect you from interference, the CONNECT radio system uses the frequency 868 MHz, which has been specially reserved for short-distance radio. This means a low possibility of interference from other control, identification and positioning systems and audio devices transmitting in parallel.

Schneider Electric technology: Safe and environment-friendly

The CONNECT radio system does not permanently transmit signals, only when a radio transmitter is actuated (sensor network). And the radio transmission capacity is negligible in comparison to wireless DECT mobile telephones, mobile phones or WLAN systems, for example, and is completely safe in terms of building biology. The transmission capacity of DECT mobile telephones and mobile phones is up to 10.000 times higher than that of the CONNECT radio system.

Radio system transmission capacities



Up to 10.000 times lower in comparison to mobile telephones:
the energy consumption of the CONNECT radio system

Excellent design

Radio transmitter



CONNECT radio push-button, 1-gang, M-Elegance, Real glass, onyx black

The CONNECT radio system offers not only all sorts of flexibility with respect to installation, but also in design. There are also compatible radio components for the Merten System M, Merten Artec and Merten Antique switch ranges, many of which have won numerous design prizes.



M-Elegance Real glass, diamond silver, Real metal, chrome, Solid wood, beech, M-Smart white, Exxact, Artec, Antique, M-Arc

Move – the little round radio push-button for mobile switching



Deluxe bathing: With Move, you can use lighting to get the right atmosphere when you're in the tub

Move is for anyone who wants to be even more flexible. The little round radio push-button can be easily removed from its respective wall bracket and used as a radio remote control. And you can snap it back into the frame when you're done.



CONNECT radio push-button, Move, with wall bracket

Or screw it alone to any place on the wall you like. For example, when you want to dim the lighting from the bathroom mirror. Or if lighting is to be added to the closet or dressing room and you want to switch it on conveniently with Move. Or anything else!



Quick and easy installation

They can be quickly installed where there is no 230 V line: the CONNECT radio system's transmitters. Stuck onto glass or screwed into the wall, the radio transmitter does not require a flush-mounted socket. And the best thing is that existing installations can be expanded

in the blink of an eye using a radio transmitter. For example, just replace the Merten System M 1-gang frame with a 2-gang frame and snap the extra radio transmitter into the free frame slot. Finished!

3 ways to install



Screw-on radio transmitter.



Radio transmitter to simply and quickly clicking into existing switch programmes (no flush-mounted box necessary).



Radio transmitter with aluminium-coloured foil for sticking onto glass.

CONNECT radio system

Basics

Functional principle

Conventional electrical installation within a building is wired. Where wiring becomes too complicated or is simply impossible, radio is used. Using radio systems makes sense especially when

- Customer requirements change and for example functions are to be upgraded.
- A house or flat is to be modernised.
- Flexibility of the installation site is required.

A huge number of functions of a conventional electrical installation can be performed with the CONNECT radio system:

- Switching lights on/off
- Dimming lights
- Blind control
- Timer
- Scenes

An additional advantage of the CONNECT radio system is that it is a bi-directional radio network. That means that all devices can transmit and receive signals simultaneously. It is possible for signals to be routed or for alternative radio transmission paths to be found (e.g. during temporary faults).

Other properties:

- Secure transmission using frequency range 868 MHz
- Clear addressing enables interference-free operation of multiple radio systems side by side
- Very flexible installation and configuration
- Implementation of groups, scene controlling options and central functions
- The extensive range of products covers areas of application such as:
 - Lighting control
 - Roller shutter control
 - Time switching functions
 - Staircase lighting function
 - Scenes
- No cable required, due to the use of battery-powered transmitters
- Extension of existing installations
- Extremely flat battery-powered push-button, e.g. for attaching to glass
- Indoor transmission range: around 30 m (depending on installation site and building characteristics such as materials and wall thicknesses)
- Range in free field: approx. 100 m

Configuration

You have two configuration possibilities, depending on your requirements:

The EASY CONNECT method

For connecting max. five devices which are in the direct vicinity of each other (e.g. in one room). Configuration is carried out manually.

Using the CONNECT radio configuration tool

For systems between different rooms with up to 100 devices and extensive functions (scenes, switch times, individual key assignment). To do this you will need the CONNECT radio configuration tool which offers configuration, documentation and diagnostic tools. Configuration is carried out using a PC.

System administrator

For both configuration methods, one device must always be included as a "system administrator". Information is saved in the system administrator, for instance routing tables, the functions of all integrated devices as well as a defined network ID and device IDs. A system administrator must therefore be available when programming or carrying out changes. The device allocated the system administration function must

be in a fixed location which is easily accessible. We therefore recommend you use a push-button (e.g. radio push-button 1-gang/2-gang) as a system administrator. You can see which devices may be used as system administrators in the following tables.

In the following, the push-button which is to adopt the system administrator function is referred to as the "system administrator".

Symbols

The following symbols can be found in the following circuits and device tables:



The device can assume the functions of the system administrator. We recommend you use only fixed devices as system administrator (e.g. CONNECT radio push-button, 1-gang).



The device has the routing function. It automatically relays signals and maintains fault-free operation.



The device transmits signals.



The device receives signals and switches accordingly e.g. light or roller shutter.



The EASY CONNECT method is not available or only available with restrictions.



Z-Wave standard The device is compatible with Z-wave products from other manufacturers.

EASY CONNECT

The EASY CONNECT configuration method is used when the radio network consists of maximum five devices, which are located in direct reception range of each other (e.g. in a room).

CONNECT radio system

EASY CONNECT

Requirements

- With new radio systems the push-button, on which a receiver is firstly programmed, manages the system administration. The system administrator is installed last of all as you will need to be able to move it near the devices which are to be programmed.
- Install all devices, except for the system administrator, at their final installation locations and connect them.
- Connect the loads to the receivers. Some receivers use the load to display confirmation of commands received during the learning process.

Teaching devices

Connections between devices are established by first teaching all receivers individually to the system administrator. Subsequently, additional transmitters are taught to the system administrator. During this procedure the connections and functions of the system administrator are copied to the transmitters. That means the transmitters carry out the same functions as the system administrator.

The teaching process

Only three steps are necessary to carry out teaching. Basic procedure:

- 1 Move the (prospective) system administrator into the vicinity of the device which is to be taught.
- 2 First of all press the key on the (prospective) system administrator three times within approximately 1.5 seconds.
 - If a system administrator does not yet exist, the LED will start to flash for approximately 6 seconds and then will light up continuously for approximately 30 seconds.
 - If a system administrator exists already, the LED will immediately light up for 30 seconds.

You have time to teach a different device during the 30-second period when the LED lights up continuously.

- 3 First of all press the key/programming button/sensor surface on the device to be taught three times within approximately 1.5 seconds. This is confirmed by the LED lighting up for approximately 1 second.

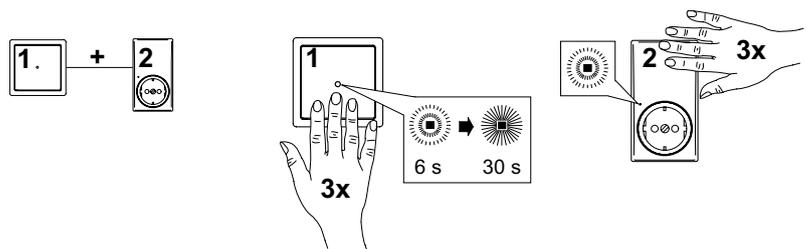
The system administrator and the device which was to be taught are now connected with each other. If you want to teach additional devices, repeat the three steps.

Example

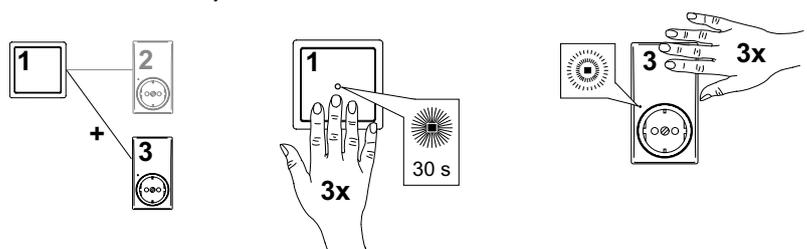
Installation of a two-way circuit with two receivers:

Step 1:

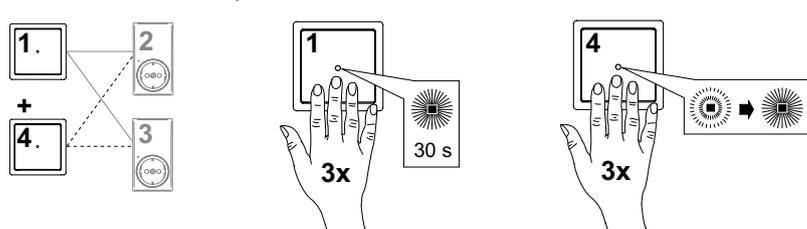
Teach receiver 2 to the system administrator.



Step 2:
Teach receiver 3 to the system administrator.

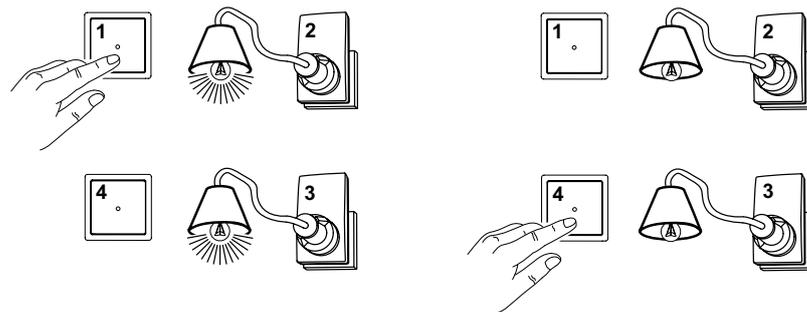


Step 3:
Teach transmitter 4 to the system administrator



Result:

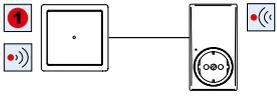
You have installed a two-way circuit with two transmitters (push-buttons) and two loads.



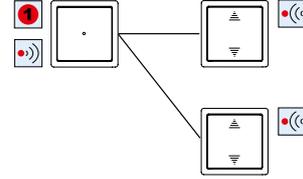
CONNECT radio system

EASY CONNECT, circuit diagrams

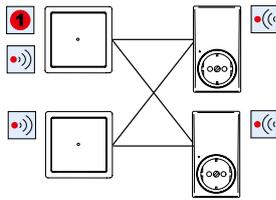
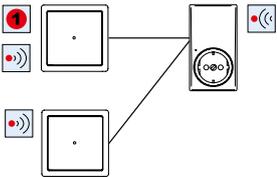
One-way circuit



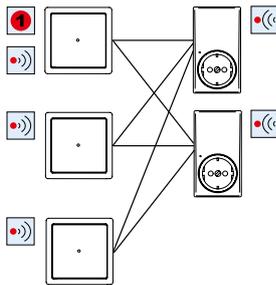
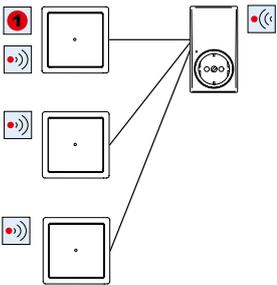
Roller shutter control



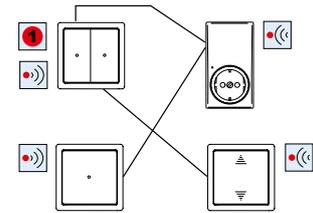
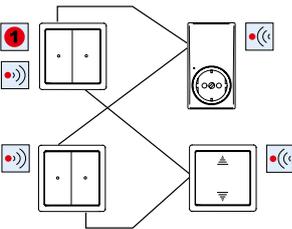
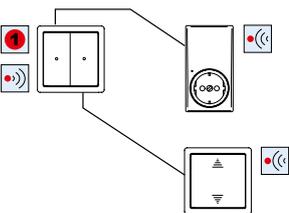
Two-way circuit



Intermediate switch circuit

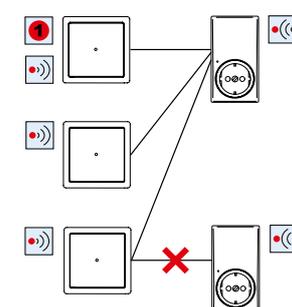
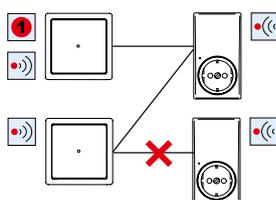
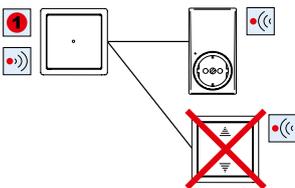


Two-circuit switch and combinations



i The CONNECT 1-gang radio push-button is always assigned the function of the left key on the system administrator.

Combinations that are not permitted



CONNECT radio system

CONNECT radio configuration tool

CONNECT radio configuration tool

You select this configuration method when you want to set up a radio network between rooms with a wide range of functions (scenes, central function, switching times, individual stored key functions to name but a few). The system is capable of managing up to 100 devices.

Requirements

- You need a laptop, the "CONNECT radio configuration tool" software and the "CONNECT radio USB data interface".
- Ensure that receivers are distributed throughout the entire building. Receivers are able to route radio commands. If a radio transmission path is temporarily disrupted by furniture for instance, other receivers within range can route the radio commands. The more receivers in range of the transmitter and of each other, the more reliable and stable operation will be.
- Reduce your time and effort by simply installing a CONNECT radio system in your building. If a CONNECT radio system already exists, you ought to delete it and reset the device to its factory settings. Then you can integrate the devices into a new CONNECT radio system and create the corresponding connections there.

Setting up a new CONNECT radio system

Basic procedure:

- 1 Install devices
- 2 Connect the configuration tool/program the system administrator
- 3 Register devices
- 4 Insert function channels in the "Building view"
- 5 Connect devices
- 6 Program devices

Installing devices

Install all the devices at their final installation locations and connect them. This is necessary as the devices recognize where other devices capable of routing radio commands are located even when being registered. Connect the loads to the receivers. Some receivers use the load in order to confirm commands received

Connecting the configuration tool/programming the system administrator

The configuration tool must be connected to the network in order to register new devices or to change an existing radio network. The connection is always made via the system administrator. Therefore you are prompted to actuate the system administrator or the prospective system administrator (three times within approximately 1.5seconds). The system administration is then transferred to the configuration tool so that you may set up or change the system.

As soon as the configuration tool is disconnected from the radio network, the system administration is transferred back to the original system administrator.

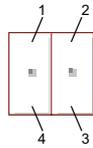
Registering devices

Once the configuration tool is connected to the radio network, you must register the devices. Here the configuration tool reads out all of the devices' information in order to be able to integrate them into the radio network. Register all the receivers first and then all the transmitters in a room. Only receivers are able to route radio commands. Information about which receivers are present is also stored in the transmitters. The sequence in which devices are registered is therefore important.

In order to register a device you must actuate it three times within 1.5 seconds. To confirm, the receivers briefly change their current switching status; on the transmitters, the LED in the push-button flashes. The device to be registered must be located in the direct vicinity of the "CONNECT radio USB data interface" connected to the laptop.

Inserting function channels in the "Building view"

A device has one or several function channels which are used to carry out functions. A push-button, 2-gang, has up to four channels, for instance:



Each of these channels can be allocated a function via a connection. The functions available depend on the properties of the device.

The individual function channels are shown in the building view as a tree-structure according to their logical arrangement (place of actuation/operation). The logical arrangement is usually the same as the installation location.

In the case of flush-mounted devices, the installation location and the actuation/operation location may differ. Thus, a flush-mounted receiver may be located on a distribution board in the hallway but switch a lamp in the living room. In this case, the installation location of the flush-mounted receiver is the hall. Later inclusion in the building view however will be in the living room.

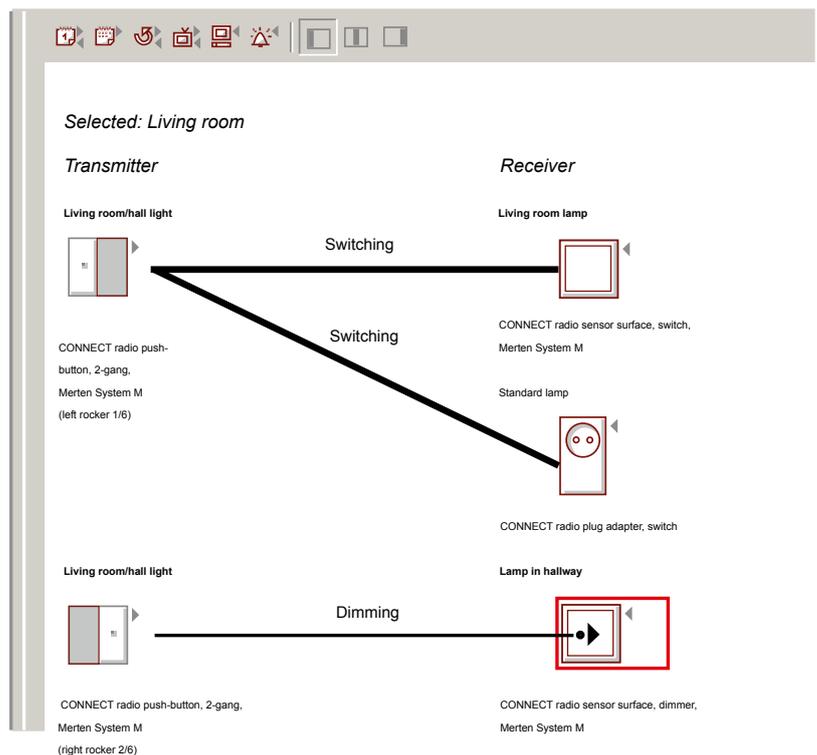
Connecting devices

If the devices have been registered and the function channels have been inserted in the building view, you have to link the individual devices or their function channels. This is done graphically by simply dragging a line from the transmitter to the receiver.

The configuration tool automatically detects which functions are available for the connected channels and sets a logical function for this connection.

Example: If you connect a push-button to a dimmable plug adapter, the dimmer function will then automatically be set.

The channels are pre-set for each device but can be changed.



Programming devices

In the final step, the information must be supplied to the individual devices. This is done by programming the individual devices. The laptop must be connected to the radio system and be in direct reception range of the device which is to be programmed.



You always find the latest updates in the download section.

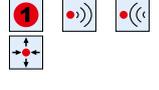
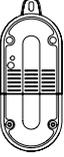
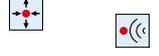
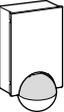
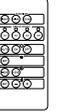
CONNECT radio system

Functions and device overview

Devices	Device features	Radio features	Radio functions		
			EASY CONNECT	CONNECT radio configuration (additional)	
	CONNECT radio universal remote control MTN5051-0000	<ul style="list-style-type: none"> Remote control for the radio receivers, Merten IR devices and up to five IR AV devices 	 	<ul style="list-style-type: none"> Switch on, switch off, toggle, dim, raise/lower roller shutters, scene 	<ul style="list-style-type: none"> Graphic programming of all CONNECT functions
	CONNECT radio push-button, Move MTN5080.., MTN5081.. MTN5082..	<ul style="list-style-type: none"> Battery-powered mobile radio transmitter 	 	<ul style="list-style-type: none"> Toggle, dim 	<ul style="list-style-type: none"> Switch on, switch off, push-button operation (bell), scene
	CONNECT radio push-button, 1-gang MTN5061.., MTN5051.. MTN5071..	<ul style="list-style-type: none"> Operator button, battery-powered, 2 channels, 12 radio receivers per channel 	 	<ul style="list-style-type: none"> Switch on, switch off, dim, raise/lower roller shutters 	<ul style="list-style-type: none"> Toggle, push-button operation (bell), scenes, division of channels
	CONNECT radio push-button, 2-gang MTN5062.., MTN5052.. MTN5072..	<ul style="list-style-type: none"> Operator button, battery-powered, 4 channels, 12 radio receivers per channel 	 	<ul style="list-style-type: none"> Switch on, switch off, dim, raise/lower roller shutters 	<ul style="list-style-type: none"> Toggle, push-button operation (bell), scenes, division of channels
	CONNECT radio sensor surface, for switch inserts MTN5034.., MTN5024.. MTN5044..	<ul style="list-style-type: none"> Operator button 	  	<ul style="list-style-type: none"> Toggle 	<ul style="list-style-type: none"> Staircase lighting function, ON/OFF delay, master/slave
	CONNECT radio sensor surface for dimmer inserts MTN5036.., MTN5026.. MTN5046..	<ul style="list-style-type: none"> Operator button 	  	<ul style="list-style-type: none"> Switch on (to memory value), switch off, dim 	<ul style="list-style-type: none"> Adjustable dimming speed, staircase lighting function, master/slave, brightness limit, switch on to brightness limit, memory function that can be switched off
	CONNECT radio roller shutter push-button with sensor connection MTN5035.., MTN5025.. MTN5045..	<ul style="list-style-type: none"> Operator button 	  	<ul style="list-style-type: none"> Roller shutters Up/Down, save sun sensor light value locally 	<ul style="list-style-type: none"> Master/slave, louvres, up/down duration
	CONNECT radio transmitter flush-mounted, 4-gang MTN506004	<ul style="list-style-type: none"> Battery-powered, for up to 4 floating switch contacts Receiver can be remote-controlled via push-buttons 			<ul style="list-style-type: none"> Switch on, switch off, dim, raise/lower shutters, push-button operation (bell), configuration as push-button or switch for all inputs
	CONNECT radio receiver, 1-gang switch MTN507501 MTN5011-0011 AC 230 V, 10 A	<ul style="list-style-type: none"> Switching one load via make contact     	 	<ul style="list-style-type: none"> Switch on, switch off, toggle 	<ul style="list-style-type: none"> Staircase lighting function, ON/OFF delay
	CONNECT radio receiver, 1-gang universal dimmer MTN507900 MTN5010-0011 AC 230 V, 25 VA-250 VA	<ul style="list-style-type: none"> Switching and dimming external loads     	 	<ul style="list-style-type: none"> Switch on (to memory value), switch off, dim 	<ul style="list-style-type: none"> Adjustable dimming speed, staircase lighting function, master/slave, brightness limit, switch on to brightness limit, memory function that can be switched off
	CONNECT radio receiver, flush-mounted, 2-gang switch MTN507502 MTN5012-0011 AC 230 V, 6 A	<ul style="list-style-type: none"> Switching two loads via make contact     	 	 <ul style="list-style-type: none"> Only channel 1 can be used: Switch on, switch off, toggle 	<ul style="list-style-type: none"> Channel 2 can be used: staircase lighting function, ON/OFF delay
	CONNECT radio receiver, flush-mounted, 1-gang switch, 2-pole MTN507601 MTN5011-0012 AC 230 V, 10 A	<ul style="list-style-type: none"> Switching one load via make contact a 2-pole make contact     	 	<ul style="list-style-type: none"> Switch on, switch off, toggle 	<ul style="list-style-type: none"> Staircase lighting function, ON/OFF delay
	CONNECT radio receiver, flush-mounted, 1-gang roller shutter MTN507801 MTN5015-0011 AC 230 V, 6 A, cosφ = 0,6; 500 VA	<ul style="list-style-type: none"> Controlling one roller shutter drive 	 	<ul style="list-style-type: none"> Roller shutter Up/Down, Stop 	<ul style="list-style-type: none"> Slat, up/down duration

CONNECT radio system

Functions and device overview

Devices	Device features	Radio features	Radio functions EASY CONNECT	CONNECT radio configuration (additional)
 Connect 230 V radio Transmitter CONNECT, 2-gang MTN5016-0002 MTN5016-0012	<ul style="list-style-type: none"> 230 V-powered, with two 230 V input channels (e.g. to connect twilight switches) 12 radio receivers per channel 		<ul style="list-style-type: none"> Only channel 1 can be used: Toggle, dim, shutter control 	<ul style="list-style-type: none"> Channel 2 can be used: switch on, switch off, dim, raise/lower shutters, push-button operation (bell), configuration as push-button or switch for all inputs control
 RF Router CONNECT MTN5018-0000 MTN5018-0010	<ul style="list-style-type: none"> Router 		<ul style="list-style-type: none"> 	<ul style="list-style-type: none"> Graphical integration of the router into the RF System CONNECT
 CONNECT radio plug adapter, switch MTN508519, SCHUKO plug MTN5060-0119, BS plug AC 230 V, 50 Hz 16 A, $\cos\phi=1$, max. 35 μ F	<ul style="list-style-type: none"> Switching external loads with plug. 		<ul style="list-style-type: none"> Switch on, switch off, toggle 	<ul style="list-style-type: none"> Staircase lighting function, ON/OFF delay
 CONNECT radio plug adapter, universal dimmer MTN508619, SCHUKO plug MTN5061-0119, BS plug AC 230 V, 50 Hz 40 VA-350 VA	<ul style="list-style-type: none"> Switching and dimming external loads with plug 		<ul style="list-style-type: none"> Switch on (to memory value), switch off, dim 	<ul style="list-style-type: none"> Adjustable dimming speed, staircase lighting function, brightness limit, switch on to brightness limit, memory function that can be switched off
 Radio ARGUS 220 CONNECT MTN5052-31..	<ul style="list-style-type: none"> Outdoor movement detector Up to 4 movement detectors can be networked and set via the remote control for radio ARGUS 220 CONNECT 		<ul style="list-style-type: none"> 	<ul style="list-style-type: none"> Fully integrate the radio ARGUS into the radio network Teaching receiver Use function module like scene, message and alarm
 Remote control for radio ARGUS 220 CONNECT MTN5052-1100	<ul style="list-style-type: none"> Radio remote control Functions: permanent ON, permanent OFF, automatic, brightness threshold, switching duration, set and change the sensitivity to movement. 		<ul style="list-style-type: none"> Up to 4 radio ARGUS 220 CONNECT can be networked and set via the remote control. 	

Inserts	Functions	Design cover
		  
		<p>CONNECT radio sensor cover for switch inserts</p> <p>CONNECT radio sensor cover for dimmer inserts</p> <p>CONNECT radio roller shutter push-button with sensor connection</p>
		<p>MTN5034.., MTN5024..</p> <p>MTN5036.., MTN5026..</p> <p>MTN5035.., MTN5025..</p>
		<p>MTN5044..</p> <p>MTN5046..</p> <p>MTN5045..</p>
 Electronic switch insert MTN576799 (40-300 W)	<p>Switching ohmic loads</p> 	■
 Relay switch insert MTN576897 0-1000 W/VA, max. 140 μ F	<p>Switching of ohmic, inductive or capacitive loads</p> 	■
 Universal super dimmer insert MTN577099 bei 50 Hz: 25 - 420 VA; bei 60 Hz: 25 - 340 W	<p>Dimming of ohmic, inductive and capacitive loads</p> 	■
 Standard blind control insert MTN580698 (max. 1 Motor 1000 VA)	<p>Controlling a blind/roller shutter drive</p> 	■
 Blind control insert with extension input MTN580699 (max. 1 Motor 1000 VA)	<p>Controlling a blind/roller shutter drive</p> 	■

CONNECT radio system, configurator



CONNECT radio USB data interface



Version	Art. no.
	MTN506801

The radio system is conveniently configured on the PC using the CONNECT radio configuration tool and the radio USB data interface. The data interface is only required during programming.

Functions:

- "plug and play" installation
- Driver for all common Windows operating systems
- Fastening clip for fastening on to a Notebook display
- Power supply via the PC's USB interface.

Note: Software and updates available at www.schneider-electric.com. Follow the link to your local website.

Contents: CD with CONNECT radio configuration tool, USB cable.

CONNECT radio system, transmitter



- Surface-mounted visible installation possible in conjunction with surface-mounted housing.

CONNECT radio universal remote control



Version	Art. no.
polar white	MTN5051-0000

Radio remote control and IR remote control in a single device. For activating:

- Devices in the CONNECT radio system
- Schneider-Electric and Merten IR devices
- Up to four IR AV devices such as TV,VCR, DVB-T, CTV, DVD/ TER, AUX

With the remote control, 6 groups or scenes can be controlled on each of 2 levels. 12 devices can be connected for each button pair.

Radio features: **System administrator, transmitter**

Functions:

EASY CONNECT:

- Switch on, switch off, dim, raise/lower roller shutters, scene
- Programming in EASY CONNECT as a system administrator

Additionally with CONNECT radio configuration tool:

- Graphical programming of the functions

Extended functions for IR/AV:

- Supports more than 1,000 manufacturers. The IR codes are selected from a list or by using the search function.
- Teach-in function for IR codes using the original remote control

Radio frequency: 868 MHz

Radio range: up to 100 m in free field, up to 30 m indoors

IR range: up to 15 m

Battery: 3 microcells (IEC LR 03, AAA)

Display element: multi-colour LED

Receiver: schneider-electric@home, colour MTN5059..., CONNECT radio sensor cover, for switch inserts System M MTN5034..., MTN5024..., Artec/Tracent/Antique MTN5044..., CONNECT radio sensor cover for dimmer inserts System M MTN5036..., MTN5026..., Artec/Tracent/Antique MTN5046..., CONNECT radio roller shutter push-button with sensor connection System M MTN5035..., MTN5025..., Artec/Tracent/Antique MTN5045..., CONNECT radio receiver, flush-mounted, 1-gang switch MTN507501, CONNECT radio receiver, surface-mounted, 1-gang switch MTN5011-0011, CONNECT radio receiver, flush-mounted, 1-gang universal dimmer MTN507900, CONNECT radio receiver, surface-mounted, 1-gang universal dimmer MTN5010-0011, CONNECT radio receiver, flush-mounted, 2-gang switch MTN507502, CONNECT radio receiver, surface-mounted, 2-gang switch MTN5012-0011, CONNECT radio receiver, flush-mounted, 1-gang switch, 2-pole MTN507601, CONNECT radio receiver, surface-mounted, 1-gang switch, 2-pole MTN5011-0012, CONNECT radio receiver, flush-mounted, 1-gang roller shutter MTN507801, CONNECT radio receiver, surface-mounted, 1-gang roller shutter MTN5015-0011, CONNECT radio plug adapter, switch MTN508519, CONNECT radio plug adapter for British Standard, switch MTN5060-0119, CONNECT radio plug adapter, universal dimmer MTN508619, CONNECT radio plug adapter for British Standard, universal dimmer MTN5061-0119, Radio ARGUS 220 CONNECT MTN5052-31..

Note: The device can assume the properties of a system administrator. The remote control must be used as the system administrator in connection with the EASY CONNECT method. In connection with the CONNECT radio configurator, it can be used as required.

Contents: With battery.

With a codes table for nearly all conventional devices, like TV,VCR, DVB-T, CTV, DVD/ TER, AUX ...



CONNECT radio push-button, Move



Version	Art. no.
<input checked="" type="checkbox"/> white, glossy	MTN508144
<input type="checkbox"/> polar white, glossy	MTN508119
<input type="checkbox"/> active white, glossy	MTN508125
<input checked="" type="checkbox"/> anthracite	MTN508014
<input type="checkbox"/> aluminium	MTN508060

For System M.

Battery-powered mobile radio transmitter with 1 channel. For activating the CONNECT radio system's radio receiver. A maximum of 12 radio receivers can be connected.

Radio features: **System administrator (see note)**

Suitable for sticking onto walls or glass, screwing onto walls or flush-mounted boxes, or installing in a multiple combination.

Functions:

EASY CONNECT:

- Toggle, dim

With CONNECT radio configuration tool:

- additionally switch on, switch off, push-button operation (bell), scenes

Channels: 1

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Battery: 1 lithium button cell (CR 2450N)

Battery life: > 5 years

Display elements: LED for transmission confirmation/programming

Operating elements: 1 button

Dimensions: 44 x 12.5 mm (Ø x H)

Receiver: schneider-electric@home, colour MTN5059..., CONNECT radio sensor cover, for switch inserts System M MTN5034..., MTN5024..., Artec/Trancent/Antique MTN5044..., CONNECT radio sensor cover for dimmer inserts System M MTN5036..., MTN5026..., Artec/Trancent/Antique MTN5046..., CONNECT radio roller shutter push-button with sensor connection System M MTN5035..., MTN5025..., Artec/Trancent/Antique MTN5045..., CONNECT radio receiver, flush-mounted, 1-gang switch MTN507501, CONNECT radio receiver, surface-mounted, 1-gang switch MTN5011-0011, CONNECT radio receiver, flush-mounted, 1-gang universal dimmer MTN507900, CONNECT radio receiver, surface-mounted, 1-gang universal dimmer MTN5010-0011, CONNECT radio receiver, flush-mounted, 2-gang switch MTN507502, CONNECT radio receiver, surface-mounted, 2-gang switch MTN5012-0011, CONNECT radio receiver, flush-mounted, 1-gang switch, 2-pole MTN507601, CONNECT radio receiver, surface-mounted, 1-gang switch, 2-pole MTN5011-0012, CONNECT radio receiver, flush-mounted, 1-gang roller shutter MTN507801, CONNECT radio receiver, surface-mounted, 1-gang roller shutter MTN5015-0011, CONNECT radio plug adapter, switch MTN508519, CONNECT radio plug adapter for British Standard, switch MTN5060-0119, CONNECT radio plug adapter, universal dimmer MTN508619, CONNECT radio plug adapter for British Standard, universal dimmer MTN5061-0119, Radio ARGUS 220 CONNECT MTN5052-31..

Note: The device can assume the features and characteristics of the system administrator. As it concerns a mobile device we recommend that you preferably select a fixed device as system administrator. Instead use for example a CONNECT radio push-button, 1-gang.

Contents: Battery, wall bracket, double-sided adhesive strips, single-sided adhesive foils aluminium-coloured, screws, dowels.



CONNECT radio push-button, 1-gang



Version	Art. no.
<input checked="" type="checkbox"/> white, glossy	MTN506144
<input type="checkbox"/> polar white, glossy	MTN506119
<input type="checkbox"/> active white, glossy	MTN506125
<input checked="" type="checkbox"/> anthracite	MTN505114
<input type="checkbox"/> aluminium	MTN505160

For System M.

Battery-powered radio transmitter with 2 channels. For activating the CONNECT radio system's radio receiver. A maximum of 12 radio receivers per channel can be connected.

Radio features: **System administrator**

Suitable for sticking onto walls or glass, screwing onto walls or flush-mounted boxes, or installing in a multiple combination.

Functions:

EASY CONNECT:

- Switch on, switch off, dim, raise/lower roller shutters

With CONNECT radio configuration tool:

- additionally toggle, push-button operation (bell), scenes, division of channels

Channels: 2

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Battery: 1 lithium button cell (CR 2450N)

Battery life: > 5 years

Display elements: LED for transmission confirmation/programming

Operating elements: 2 buttons

Receiver: schneider-electric@home, colour MTN5059.., CONNECT radio sensor cover, for switch inserts System M MTN5034.., MTN5024.., Artec/Tracent/Antique MTN5044.., CONNECT radio sensor cover for dimmer inserts System M MTN5036.., MTN5026.., Artec/Tracent/Antique MTN5046.., CONNECT radio roller shutter push-button with sensor connection System M MTN5035.., MTN5025.., Artec/Tracent/Antique MTN5045.., CONNECT radio receiver, flush-mounted, 1-gang switch MTN507501, CONNECT radio receiver, surface-mounted, 1-gang switch MTN5011-0011, CONNECT radio receiver, flush-mounted, 1-gang universal dimmer MTN507900, CONNECT radio receiver, surface-mounted, 1-gang universal dimmer MTN5010-0011, CONNECT radio receiver, flush-mounted, 2-gang switch MTN507502, CONNECT radio receiver, surface-mounted, 2-gang switch MTN5012-0011, CONNECT radio receiver, flush-mounted, 1-gang switch, 2-pole MTN507601, CONNECT radio receiver, surface-mounted, 1-gang switch, 2-pole MTN5011-0012, CONNECT radio receiver, flush-mounted, 1-gang roller shutter MTN507801, CONNECT radio receiver, surface-mounted, 1-gang roller shutter MTN5015-0011, CONNECT radio plug adapter, switch MTN508519, CONNECT radio plug adapter for British Standard, switch MTN5060-0119, CONNECT radio plug adapter, universal dimmer MTN508619, CONNECT radio plug adapter for British Standard, universal dimmer MTN5061-0119, Radio ARGUS 220 CONNECT MTN5052-31..

Contents: Battery, retaining plate, double-sided adhesive strips, single-sided adhesive foils aluminium-coloured, screws, dowels.



CONNECT radio push-button, 2-gang



Version	Art. no.
<input checked="" type="checkbox"/> white, glossy	MTN506244
<input type="checkbox"/> polar white, glossy	MTN506219
<input type="checkbox"/> active white, glossy	MTN506225
<input checked="" type="checkbox"/> anthracite	MTN505214
<input type="checkbox"/> aluminium	MTN505260

For System M.

Battery-powered radio transmitter with 4 channels. For activating the CONNECT radio system's radio receiver. A maximum of 12 radio receivers per channel can be connected.

Radio features: **System administrator**

Suitable for sticking onto walls or glass, screwing onto walls or flush-mounted boxes, or installing in a multiple combination.

Functions:

EASY CONNECT:

- Switch on, switch off, dim, raise/lower roller shutters

With CONNECT radio configuration tool:

- additionally toggle, push-button operation (bell), scenes, division of channels

Channels: 4

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Battery: 1 lithium button cell (CR 2450N)

Battery life: > 5 years

Display elements: LED for transmission confirmation/programming

Operating elements: 4 buttons

Receiver: schneider-electric@home, colour MTN5059.., CONNECT radio sensor cover, for switch inserts System M MTN5034.., MTN5024.., Artec/Tracent/Antique MTN5044.., CONNECT radio sensor cover for dimmer inserts System M MTN5036.., MTN5026.., Artec/Tracent/Antique MTN5046.., CONNECT radio roller shutter push-button with sensor connection System M MTN5035.., MTN5025.., Artec/Tracent/Antique MTN5045.., CONNECT radio receiver, flush-mounted, 1-gang switch MTN507501, CONNECT radio receiver, surface-mounted, 1-gang switch MTN5011-0011, CONNECT radio receiver, flush-mounted, 1-gang universal dimmer MTN507900, CONNECT radio receiver, surface-mounted, 1-gang universal dimmer MTN5010-0011, CONNECT radio receiver, flush-mounted, 2-gang switch MTN507502, CONNECT radio receiver, surface-mounted, 2-gang switch MTN5012-0011, CONNECT radio receiver, flush-mounted, 1-gang switch, 2-pole MTN507601, CONNECT radio receiver, surface-mounted, 1-gang switch, 2-pole MTN5011-0012, CONNECT radio receiver, flush-mounted, 1-gang roller shutter MTN507801, CONNECT radio receiver, surface-mounted, 1-gang roller shutter MTN5015-0011, CONNECT radio plug adapter, switch MTN508519, CONNECT radio plug adapter for British Standard, switch MTN5060-0119, CONNECT radio plug adapter, universal dimmer MTN508619, CONNECT radio plug adapter for British Standard, universal dimmer MTN5061-0119, Radio ARGUS 220 CONNECT MTN5052-31..

Contents: Battery, retaining plate, double-sided adhesive strips, single-sided adhesive foils aluminium-coloured, screws, dowels.



CONNECT radio push-button, Move



Version	Art. no.
<input checked="" type="checkbox"/> white, glossy	MTN508244
<input type="checkbox"/> polar white, glossy	MTN508219
<input type="checkbox"/> aluminium	MTN508260
<input type="checkbox"/> varnished stainless steel	MTN508246

For Artec, Trancent, Antique.

Battery-powered mobile radio transmitter with 1 channel. For activating the CONNECT radio system's radio receiver. A maximum of 12 radio receivers can be connected.

Radio features: **System administrator (see note)**

Suitable for sticking onto walls or glass, screwing onto walls or flush-mounted boxes, or installing in a multiple combination.

Functions:

EASY CONNECT:

- Toggle, dim

With CONNECT radio configuration tool:

- additionally switch on, switch off, push-button operation (bell), scenes

Channels: 1

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Battery: 1 lithium button cell (CR 2450N)

Battery life: > 5 years

Display elements: LED for transmission confirmation/programming

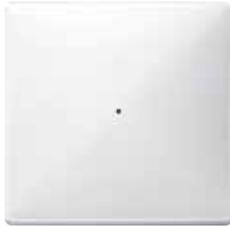
Operating elements: 1 button

Dimensions: 44 x 12.5 mm (Ø x H)

Receiver: schneider-electric@home, colour MTN5059..., CONNECT radio sensor cover, for switch inserts System M MTN5034..., MTN5024..., Artec/Trancent/Antique MTN5044..., CONNECT radio sensor cover for dimmer inserts System M MTN5036..., MTN5026..., Artec/Trancent/Antique MTN5046..., CONNECT radio roller shutter push-button with sensor connection System M MTN5035..., MTN5025..., Artec/Trancent/Antique MTN5045..., CONNECT radio receiver, flush-mounted, 1-gang switch MTN507501, CONNECT radio receiver, surface-mounted, 1-gang switch MTN5011-0011, CONNECT radio receiver, flush-mounted, 1-gang universal dimmer MTN507900, CONNECT radio receiver, surface-mounted, 1-gang universal dimmer MTN5010-0011, CONNECT radio receiver, flush-mounted, 2-gang switch MTN507502, CONNECT radio receiver, surface-mounted, 2-gang switch MTN5012-0011, CONNECT radio receiver, flush-mounted, 1-gang switch, 2-pole MTN507601, CONNECT radio receiver, surface-mounted, 1-gang switch, 2-pole MTN5011-0012, CONNECT radio receiver, flush-mounted, 1-gang roller shutter MTN507801, CONNECT radio receiver, surface-mounted, 1-gang roller shutter MTN5015-0011, CONNECT radio plug adapter, switch MTN508519, CONNECT radio plug adapter for British Standard, switch MTN5060-0119, CONNECT radio plug adapter, universal dimmer MTN508619, CONNECT radio plug adapter for British Standard, universal dimmer MTN5061-0119, Radio ARGUS 220 CONNECT MTN5052-31..

Note: The device can assume the features and characteristics of the system administrator. As it concerns a mobile device we recommend that you preferably select a fixed device as system administrator. Instead use for example a CONNECT radio push-button, 1-gang.

Contents: Battery, wall bracket, double-sided adhesive strips, single-sided adhesive foils aluminium-coloured, screws, dowels.



CONNECT radio push-button, 1-gang



Version	Art. no.
<input checked="" type="checkbox"/> white, glossy	MTN507144
<input type="checkbox"/> polar white, glossy	MTN507119
<input type="checkbox"/> aluminium	MTN507160
<input type="checkbox"/> varnished stainless steel	MTN507146

For Artec, Tracent, Antique.

Battery-powered radio transmitter with 2 channels. For activating the CONNECT radio system's radio receiver. A maximum of 12 radio receivers per channel can be connected.

Radio features: **System administrator**

Suitable for sticking onto walls or glass, screwing onto walls or flush-mounted boxes, or installing in a multiple combination.

Functions:

EASY CONNECT:

- Switch on, switch off, dim, raise/lower roller shutters

With CONNECT radio configuration tool:

- additionally toggle, push-button operation (bell), scenes, division of channels

Channels: 2

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Battery: 1 lithium button cell (CR 2450N)

Battery life: > 5 years

Display elements: LED for transmission confirmation/programming

Operating elements: 2 buttons

Receiver: schneider-electric@home, colour MTN5059.., CONNECT radio sensor cover, for switch inserts System M MTN5034.., MTN5024.., Artec/Tracent/Antique MTN5044.., CONNECT radio sensor cover for dimmer inserts System M MTN5036.., MTN5026.., Artec/Tracent/Antique MTN5046.., CONNECT radio roller shutter push-button with sensor connection System M MTN5035.., MTN5025.., Artec/Tracent/Antique MTN5045.., CONNECT radio receiver, flush-mounted, 1-gang switch MTN507501, CONNECT radio receiver, surface-mounted, 1-gang switch MTN5011-0011, CONNECT radio receiver, flush-mounted, 1-gang universal dimmer MTN507900, CONNECT radio receiver, surface-mounted, 1-gang universal dimmer MTN5010-0011, CONNECT radio receiver, flush-mounted, 2-gang switch MTN507502, CONNECT radio receiver, surface-mounted, 2-gang switch MTN5012-0011, CONNECT radio receiver, flush-mounted, 1-gang switch, 2-pole MTN507601, CONNECT radio receiver, surface-mounted, 1-gang switch, 2-pole MTN5011-0012, CONNECT radio receiver, flush-mounted, 1-gang roller shutter MTN507801, CONNECT radio receiver, surface-mounted, 1-gang roller shutter MTN5015-0011, CONNECT radio plug adapter, switch MTN508519, CONNECT radio plug adapter for British Standard, switch MTN5060-0119, CONNECT radio plug adapter, universal dimmer MTN508619, CONNECT radio plug adapter for British Standard, universal dimmer MTN5061-0119, Radio ARGUS 220 CONNECT MTN5052-31..

Contents: Battery, retaining plate, double-sided adhesive strips, single-sided adhesive foils aluminium-coloured, screws, dowels.



CONNECT radio push-button, 2-gang



Version	Art. no.
<input checked="" type="checkbox"/> white, glossy	MTN507244
<input type="checkbox"/> polar white, glossy	MTN507219
<input type="checkbox"/> aluminium	MTN507260
<input type="checkbox"/> varnished stainless steel	MTN507246

For Artec, Tracent, Antique.

Battery-powered radio transmitter with 4 channels. For activating the CONNECT radio system's radio receiver. A maximum of 12 radio receivers per channel can be connected.

Radio features: **System administrator**

Suitable for sticking onto walls or glass, screwing onto walls or flush-mounted boxes, or installing in a multiple combination.

Functions:

EASY CONNECT:

- Switch on, switch off, dim, raise/lower roller shutters

With CONNECT radio configuration tool:

- additionally toggle, push-button operation (bell), scenes, division of channels

Channels: 4

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Battery: 1 lithium button cell (CR 2450N)

Battery life: > 5 years

Display elements: LED for transmission confirmation/programming

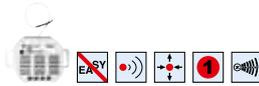
Operating elements: 4 buttons

Receiver: schneider-electric@home, colour MTN5059.., CONNECT radio sensor cover, for switch inserts System M MTN5034.., MTN5024.., Artec/Tracent/Antique MTN5044.., CONNECT radio sensor cover for dimmer inserts System M MTN5036.., MTN5026.., Artec/Tracent/Antique MTN5046.., CONNECT radio roller shutter push-button with sensor connection System M MTN5035.., MTN5025.., Artec/Tracent/Antique MTN5045.., CONNECT radio receiver, flush-mounted, 1-gang switch MTN507501, CONNECT radio receiver, surface-mounted, 1-gang switch MTN5011-0011, CONNECT radio receiver, flush-mounted, 1-gang universal dimmer MTN507900, CONNECT radio receiver, surface-mounted, 1-gang universal dimmer MTN5010-0011, CONNECT radio receiver, flush-mounted, 2-gang switch MTN507502, CONNECT radio receiver, surface-mounted, 2-gang switch MTN5012-0011, CONNECT radio receiver, flush-mounted, 1-gang switch, 2-pole MTN507601, CONNECT radio receiver, surface-mounted, 1-gang switch, 2-pole MTN5011-0012, CONNECT radio receiver, flush-mounted, 1-gang roller shutter MTN507801, CONNECT radio receiver, surface-mounted, 1-gang roller shutter MTN5015-0011, CONNECT radio plug adapter, switch MTN508519, CONNECT radio plug adapter for British Standard, switch MTN5060-0119, CONNECT radio plug adapter, universal dimmer MTN508619, CONNECT radio plug adapter for British Standard, universal dimmer MTN5061-0119, Radio ARGUS 220 CONNECT MTN5052-31..

Contents: Battery, retaining plate, double-sided adhesive strips, single-sided adhesive foils aluminium-coloured, screws, dowels.



CONNECT 230 V radio Transmitter flush-mounted, 2-gang



Version

Art. no.

MTN5016-0002

AC 230 V powered radio transmitter with two 230V input channels (e.g. to connect twilight switches). For the remote control of other receivers out of the CONNECT radio system.

Radio features: **Transmitter, router** (see note)

Automatic recognition of the connected devices (switches or push-buttons).

With screw terminals.

Suitable for installation into a size 60 installation box.

With snap-off mounting plates.

Functions:

Easy Connect:

- channel 1 can be used to toggle, dim or shutter control

With CONNECT radio configuration tool:

- channel 2 usable

Channels: 2

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Nominal voltage: AC 230 V, 50/60 Hz

Power consumption: < 1 W

Display elements: LED

Operating elements: Push-buttons for programming

Type of protection: IP 20

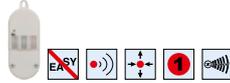
Dimensions: 48 x 52 x 27 mm (H x W x D)

Receiver: schneider-electric@home, colour MTN5059.., CONNECT radio sensor cover, for switch inserts System M MTN5034.., MTN5024.., Artec/Tracent/Antique MTN5044.., CONNECT radio sensor cover for dimmer inserts System M MTN5036.., MTN5026.., Artec/Tracent/Antique MTN5046.., CONNECT radio roller shutter push-button with sensor connection System M MTN5035.., MTN5025.., Artec/Tracent/Antique MTN5045.., CONNECT radio receiver, flush-mounted, 1-gang switch MTN507501, CONNECT radio receiver, surface-mounted, 1-gang switch MTN5011-0011, CONNECT radio receiver, flush-mounted, 1-gang universal dimmer MTN507900, CONNECT radio receiver, surface-mounted, 1-gang universal dimmer MTN5010-0011, CONNECT radio receiver, flush-mounted, 2-gang switch MTN507502, CONNECT radio receiver, surface-mounted, 2-gang switch MTN5012-0011, CONNECT radio receiver, flush-mounted, 1-gang switch, 2-pole MTN507601, CONNECT radio receiver, surface-mounted, 1-gang switch, 2-pole MTN5011-0012, CONNECT radio receiver, flush-mounted, 1-gang roller shutter MTN507801, CONNECT radio receiver, surface-mounted, 1-gang roller shutter MTN5015-0011, CONNECT radio plug adapter, switch MTN508519, CONNECT radio plug adapter for British Standard, switch MTN5060-0119, CONNECT radio plug adapter, universal dimmer MTN508619, CONNECT radio plug adapter for British Standard, universal dimmer MTN5061-0119, Radio ARGUS 220 CONNECT MTN5052-31..

Note: The device can assume the features and characteristics of the system administrator.



CONNECT 230 V radio transmitter, surface-mounted, 2-gang



Version

Art. no.

MTN5016-0012

Radio transmitter with 2 inputs for 230 V switching contacts (e.g. light-sensitive switch). For remote control of other receivers of the CONNECT radio system.

Radio features: **Transmitter, router** (see note)

Automatic recognition of the connected devices (switches or push-buttons).

With screw terminals.

Suitable for surface mounting.

Integrated fixing holes.

Functions:

Easy Connect:

- channel 1 can be used to toggle, dim or shutter control

With CONNECT radio configuration tool:

- channel 2 usable

Channels: 2

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Nominal voltage: AC 230 V, 50/60 Hz

Power consumption: < 1 W

Display elements: LED

Operating elements: Push-buttons for programming

Type of protection: IP 20

Dimensions: 29 x 54 x 135 mm (H x W x D)

Receiver: schneider-electric@home, colour MTN5059.., CONNECT radio sensor cover, for switch inserts System M MTN5034.., MTN5024.., Artec/Tracent/Antique MTN5044.., CONNECT radio sensor cover for dimmer inserts System M MTN5036.., MTN5026.., Artec/Tracent/Antique MTN5046.., CONNECT radio roller shutter push-button with sensor connection System M MTN5035.., MTN5025.., Artec/Tracent/Antique MTN5045.., CONNECT radio receiver, flush-mounted, 1-gang switch MTN507501, CONNECT radio receiver, surface-mounted, 1-gang switch MTN5011-0011, CONNECT radio receiver, flush-mounted, 1-gang universal dimmer MTN507900, CONNECT radio receiver, surface-mounted, 1-gang universal dimmer MTN5010-0011, CONNECT radio receiver, flush-mounted, 2-gang switch MTN507502, CONNECT radio receiver, surface-mounted, 2-gang switch MTN5012-0011, CONNECT radio receiver, flush-mounted, 1-gang switch, 2-pole MTN507601, CONNECT radio receiver, surface-mounted, 1-gang switch, 2-pole MTN5011-0012, CONNECT radio receiver, flush-mounted, 1-gang roller shutter MTN507801, CONNECT radio receiver, surface-mounted, 1-gang roller shutter MTN5015-0011, CONNECT radio plug adapter, switch MTN508519, CONNECT radio plug adapter for British Standard, switch MTN5060-0119, CONNECT radio plug adapter, universal dimmer MTN508619, CONNECT radio plug adapter for British Standard, universal dimmer MTN5061-0119, Radio ARGUS 220 CONNECT MTN5052-31..

Note: The device can assume the features and characteristics of the system administrator.



CONNECT radio transmitter flush-mounted, 4-gang



Version

Art. no.

MTN506004

Battery-powered radio transmitter for connecting up to 4 floating switch contacts (e.g. standard push-buttons). For the remote control of other receivers from the CONNECT radio system via push-buttons from the Merten switch ranges.

Radio features: **Transmitter**

Automatic recognition of the connected devices (switches or push-buttons).

Suitable for installation underneath push-button inserts or in empty flush-mounted boxes.

Functions:

With CONNECT radio configuration tool:

- Switch on, switch off, toggle, dim, raise/lower shutters, push-button operation (bell), configuration as push-button or switch for all inputs.

Channels: 4

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Battery: 1 lithium button cell (CR 2450N)

Battery life: > 5 years

Display elements: LED

Operating elements: Push-buttons for programming

Dimensions: 43 x 41 x 14 mm (H x W x D)

Receiver: schneider-electric@home, colour MTN5059.., CONNECT radio sensor cover, for switch inserts System M MTN5034.., MTN5024.., Artec/Tracent/Antique MTN5044.., CONNECT radio sensor cover for dimmer inserts System M MTN5036.., MTN5026.., Artec/Tracent/Antique MTN5046.., CONNECT radio roller shutter push-button with sensor connection System M MTN5035.., MTN5025.., Artec/Tracent/Antique MTN5045.., CONNECT radio receiver, flush-mounted, 1-gang switch MTN507501, CONNECT radio receiver, surface-mounted, 1-gang switch MTN5011-0011, CONNECT radio receiver, flush-mounted, 1-gang universal dimmer MTN507900, CONNECT radio receiver, surface-mounted, 1-gang universal dimmer MTN5010-0011, CONNECT radio receiver, flush-mounted, 2-gang switch MTN507502, CONNECT radio receiver, surface-mounted, 2-gang switch MTN5012-0011, CONNECT radio receiver, flush-mounted, 1-gang switch, 2-pole MTN507601, CONNECT radio receiver, surface-mounted, 1-gang switch, 2-pole MTN5011-0012, CONNECT radio receiver, flush-mounted, 1-gang roller shutter MTN507801, CONNECT radio receiver, surface-mounted, 1-gang roller shutter MTN5015-0011, CONNECT radio plug adapter, switch MTN508519, CONNECT radio plug adapter for British Standard, switch MTN5060-0119, CONNECT radio plug adapter, universal dimmer MTN508619, CONNECT radio plug adapter for British Standard, universal dimmer MTN5061-0119, Radio ARGUS 220 CONNECT MTN5052-31..

CONNECT radio system, switching

Explanation of symbols:



230 V incandescent lamps



230 V halogen lamps



fluorescent lamp



Dimmable, wound transformers



Electronic transformers for trailing edge dimmer

CONNECT radio sensor cover, for switch inserts



Version	Art. no.
<input checked="" type="checkbox"/> white, glossy	MTN503444
<input type="checkbox"/> polar white, glossy	MTN503419
<input type="checkbox"/> active white, glossy	MTN503425
<input checked="" type="checkbox"/> anthracite	MTN502414
<input type="checkbox"/> aluminium	MTN502460

For System M.

Operator button for switching an output. Manual operation and remote control possible via CONNECT radio system transmitters.

Radio features: **Router**

Functions:

EASY CONNECT:

- Toggle

With CONNECT radio configuration tool:

- additionally staircase lighting function, ON/OFF delay, master/slave

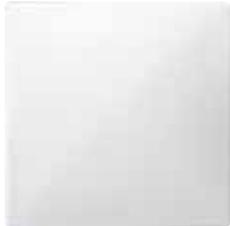
Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Power consumption: < 1 W

To be completed with: Relay switch insert MTN576897, Electronic switch insert MTN576799

Transmitter: CONNECT radio universal remote control MTN5051-0000, CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio universal remote control MTN5051-0000, CONNECT 230 V radio transmitter, surface-mounted, 2-gang MTN5016-0012



CONNECT radio sensor cover, for switch inserts



Version	Art. no.
<input checked="" type="checkbox"/> white, glossy	MTN504444
<input type="checkbox"/> polar white, glossy	MTN504419
<input type="checkbox"/> aluminium	MTN504460
<input type="checkbox"/> varnished stain-less steel	MTN504446

For Artec, Tracent, Antique.
Operator button for switching an output. Manual operation and remote control possible via CONNECT radio system transmitters.

Radio features: **Router**

Functions:

EASY CONNECT:

- Toggle

With CONNECT radio configuration tool:

- additionally staircase lighting function, ON/OFF delay, master/slave

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Power consumption: < 1 W

To be completed with: Relay switch insert MTN576897, Electronic switch insert MTN576799

Transmitter: CONNECT radio universal remote control MTN5051-0000, CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio universal remote control MTN5051-0000, CONNECT 230 V radio transmitter, surface-mounted, 2-gang MTN5016-0012

Relay switch insert



Version	Art. no.
0-1000 VA	MTN576897

For ohmic and complex loads such as incandescent lamps, fluorescent lamps, energy-saving lamps, LV halogen lighting etc.

Nominal voltage: AC 230 V, 50 Hz

Switching capacity: 0-1000 VA

Capacitive load: max. 140 µF

Neutral conductor:required (3 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module System M MTN5755..., MTN5784..., Artec/Tracent/Antique MTN5786..., Aquadesign MTN5781..., ARGUS 180 flush-mounted sensor module with switch System M MTN5728..., MTN5785..., Artec/Tracent/Antique MTN5795..., ARGUS 180 / 2.20 m flush-mounted sensor module System M MTN5688..., MTN5687..., CONNECT radio sensor cover, for switch inserts System M MTN5034..., MTN5024..., Artec/Tracent/Antique MTN5044..

Electronic switch insert



Version	Art. no.
40-300 W	MTN576799

For ohmic load such as incandescent lamps, 230 V halogen lamps.

Nominal voltage: AC 230 V, 50 Hz

Switching capacity: 40-300 W

Neutral conductor: not required (2 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module System M MTN5755..., MTN5784..., Artec/Tracent/Antique MTN5786..., Aquadesign MTN5781..., ARGUS 180 flush-mounted sensor module with switch System M MTN5728..., MTN5785..., Artec/Tracent/Antique MTN5795..., ARGUS 180 / 2.20 m flush-mounted sensor module System M MTN5688..., MTN5687..., CONNECT radio sensor cover, for switch inserts System M MTN5034..., MTN5024..., Artec/Tracent/Antique MTN5044..

Note: A maximum of two electronic switch inserts may be wired in parallel.

CONNECT radio receiver, flush-mounted, 1-gang switch



Version	Art. no.
	MTN507501

For switching loads via a make contact. Can be remote-controlled via transmitters in the CONNECT system.

Radio features: **Router**

With screw terminals.

Suitable for installation into a size 60 installation box.

With snap-off mounting plates.

Functions:

EASY CONNECT:

- Switch on, switch off, toggle

With CONNECT radio configuration tool:

- additionally staircase lighting function, ON/OFF delay

Channels: 1

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Nominal voltage: AC 230 V, 50/60 Hz

Nominal current: 10 A

Power consumption: < 1 W

Connected loads:Incandescent lamps: AC 230 V, 2000 W

Halogen lamps: AC 230 V, 1500 W

Capacitive load: 35 µF

Display elements: LED

Operating elements: Push-buttons for programming

Type of protection: IP 20

Dimensions: 48 x 52 x 27 mm (H x W x D)

Accessories: Capacitor MTN542895

Transmitter: CONNECT radio universal remote control MTN5051-0000, CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio universal remote control MTN5051-0000, CONNECT 230 V radio transmitter, surface-mounted, 2-gang MTN5016-0012





CONNECT radio receiver, surface-mounted, 1-gang switch



Version

Art. no.

MTN5011-0011

For switching loads via a make contact. Can be remote-controlled via transmitters in the CONNECT system.

Radio features: **Router**

With screw terminals.

Suitable for surface mounting.

Integrated fixing holes.

Functions:

EASY CONNECT:

- Switch on, switch off, toggle

With CONNECT radio configuration tool:

- additionally staircase lighting function, ON/OFF delay

Channels: 1

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Nominal voltage: AC 230 V, 50/60 Hz

Nominal current: 10 A

Power consumption: < 1 W

Connected loads: Incandescent lamps: AC 230 V, 2000 W

Halogen lamps: AC 230 V, 1500 W

Capacitive load: 35 µF

Display elements: LED

Operating elements: Push-buttons for programming

Type of protection: IP 20

Dimensions: 29 x 54 x 135 mm (H x W x D)

Accessories: Capacitor MTN542895

Transmitter: CONNECT radio universal remote control MTN5051-0000, CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio universal remote control MTN5051-0000, CONNECT 230 V radio transmitter, surface-mounted, 2-gang MTN5016-0012



CONNECT radio receiver, flush-mounted, 2-gang switch



Version

Art. no.

MTN507502

For switching two loads via make contact. Can be remote-controlled via CONNECT radio system transmitters.

Radio features: **router**

With screw terminals.

Suitable for installation into a size 60 installation box.

With snap-off mounting plates.

Functions:

EASY CONNECT:

- 1. Channel can be used, switch on, switch off, toggle

With CONNECT radio configuration tool:

- 2. Channel + additionally staircase lighting function, ON/OFF delay

Channels: 2

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Nominal voltage: AC 230 V, 50/60 Hz

Nominal current: 6 A

Power consumption: < 1 W

Connected loads: Incandescent lamps: AC 230 V, 600 W

Halogen lamps: AC 230 V, 600 W

Display elements: LED

Operating elements: Push-buttons for programming

Type of protection: IP 20

Dimensions: 48 x 52 x 27 mm (H x W x D)

Accessories: Capacitor MTN542895

Transmitter: CONNECT radio universal remote control MTN5051-0000, CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio universal remote control MTN5051-0000, CONNECT 230 V radio transmitter, surface-mounted, 2-gang MTN5016-0012

Note: Do not connect any capacitive loads.



CONNECT radio receiver, surface-mounted, 2-gang switch



Version

Art. no.

MTN5012-0011

For switching two loads via make contact. Can be remote-controlled via CONNECT radio system transmitters.

Radio features: **router**

With screw terminals.

Suitable for surface mounting.

Integrated fixing holes.

Functions:

EASY CONNECT:

- 1. Channel can be used, switch on, switch off, toggle

With CONNECT radio configuration tool:

- 2. Channel + additionally staircase lighting function, ON/OFF delay

Channels: 2

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Nominal voltage: AC 230 V, 50/60 Hz

Nominal current: 6 A

Power consumption: < 1 W

Connected loads: Incandescent lamps: AC 230 V, 600 W

Halogen lamps: AC 230 V, 600 W

Display elements: LED

Operating elements: Push-buttons for programming

Type of protection: IP 20

Dimensions: 29 x 54 x 135 mm (H x W x D)

Accessories: Capacitor MTN542895

Transmitter: CONNECT radio universal remote control MTN5051-0000, CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio universal remote control MTN5051-0000, CONNECT 230 V radio transmitter, surface-mounted, 2-gang MTN5016-0012

Note: Do not connect any capacitive loads.



CONNECT radio receiver, flush-mounted, 1-gang switch, 2-pole



Version

Art. no.

MTN507601

For switching a load via a 2-pole make contact. Can be remote-controlled via CONNECT radio system transmitters.

Radio features: **router**

With screw terminals.

Suitable for installation into a size 60 installation box.

With snap-off mounting plates.

Functions:

EASY CONNECT:

- Switch on, switch off, toggle

With CONNECT radio configuration tool:

- additionally staircase lighting function, ON/OFF delay

Channels: 1

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Nominal voltage: AC 230 V, 50/60 Hz

Nominal current: 10 A

Power consumption: < 1 W

Connected loads: Incandescent lamps: AC 230 V, 1200 W

Halogen lamps: AC 230 V, 800 W

Capacitive load: 14 µF

Display elements: LED

Operating elements: Push-buttons for programming

Type of protection: IP 20

Dimensions: 48 x 52 x 27 mm (H x W x D)

Accessories: Capacitor MTN542895

Transmitter: CONNECT radio universal remote control MTN5051-0000, CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio universal remote control MTN5051-0000, CONNECT 230 V radio transmitter, surface-mounted, 2-gang MTN5016-0012



CONNECT radio receiver, surface-mounted, 1-gang switch, 2-pole



Version

Art. no.

MTN5011-0012

For switching a load via a 2-pole make contact. Can be remote-controlled via CONNECT radio system transmitters.

Radio features: **router**

With screw terminals.

Suitable for surface mounting.

Integrated fixing holes.

Functions:

EASY CONNECT:

- Switch on, switch off, toggle

With CONNECT radio configuration tool:

- additionally staircase lighting function, ON/OFF delay

Channels: 1

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Nominal voltage: AC 230 V, 50/60 Hz

Nominal current: 10 A

Power consumption: < 1 W

Connected loads: Incandescent lamps: AC 230 V, 1200 W

Halogen lamps: AC 230 V, 800 W

Capacitive load: 14 µF

Display elements: LED

Operating elements: Push-buttons for programming

Type of protection: IP 20

Dimensions: 29 x 54 x 135 mm (H x W x D)

Accessories: Capacitor MTN542895

Transmitter: CONNECT radio universal remote control MTN5051-0000, CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio universal remote control MTN5051-0000, CONNECT 230 V radio transmitter, surface-mounted, 2-gang MTN5016-0012



CONNECT radio plug adapter, switch



Version	Art. no.
polar white	MTN508519

For switching external loads with SCHUKO plug.

Radio features: **Router**

Manual operation via the sensor surface and remote control possible via CONNECT radio system transmitters.

Functions:

EASY CONNECT:

- Switch on, switch off, toggle

With CONNECT radio configuration tool:

- additionally staircase lighting function, ON/OFF delay

Channels: 1

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Nominal voltage: AC 230 V, 50 Hz

Nominal current: 16 A, $\cos\phi = 1$

Power consumption: < 1 W

Incandescent lamps: AC 230 V, max. 2000 W

Halogen lamps: AC 230 V, max. 2000 W

Capacitive load: max. 35 μF

Display elements: LED

Operating elements: Sensor surface for local operation and programming

Type of protection: IP 20

Dimensions: 120x65x38 mm (HxWxD)

Transmitter: CONNECT radio universal remote control MTN5051-0000, CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio universal remote control MTN5051-0000, CONNECT 230 V radio transmitter, surface-mounted, 2-gang MTN5016-0012



CONNECT radio plug adapter for British Standard, switch



Version

Art. no.

polar white

MTN5060-0119

For switching external loads with British Standard plug.

Radio features: **router**

Manual operation via the sensor surface and remote control possible via CONNECT radio system transmitters.

Functions:

EASY CONNECT:

- Switch on, switch off, toggle

With CONNECT radio configuration tool:

- additionally staircase lighting function, ON/OFF delay

Channels: 1

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Nominal voltage: AC 230 V, 50 Hz

Nominal current: 16 A, $\cos\phi = 1$

Power consumption: < 1 W

Incandescent lamps: AC 230 V, max. 2000 W

Halogen lamps: AC 230 V, max. 2000 W

Capacitive load: max. 35 μ F

Display elements: LED

Operating elements: Sensor surface for local operation and programming

Type of protection: IP 20

Dimensions: 120x65x38 mm (HxWxD)

Transmitter: CONNECT radio universal remote control MTN5051-0000, CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio universal remote control MTN5051-0000, CONNECT 230 V radio transmitter, surface-mounted, 2-gang MTN5016-0012

CONNECT radio system, dimming/switching

- Surface-mounted visible installation possible in conjunction with surface-mounted housing.
- The following applies for all types of dimmers: If the dimmers cannot dissipate sufficient heat (cavity walls, multiple combinations and surface-mounted combinations), the connected loads specified may not be exploited to the maximum.

Explanation of symbols:

-  230 V incandescent lamps
-  230 V halogen lamps
-  Dimmable, wound transformers
-  Electronic transformers for trailing edge dimmer

CONNECT radio sensor cover for dimmer inserts



Version	Art. no.
<input checked="" type="checkbox"/> white, glossy	MTN503644
<input type="checkbox"/> polar white, glossy	MTN503619
<input type="checkbox"/> active white, glossy	MTN503625
<input checked="" type="checkbox"/> anthracite	MTN502614
<input checked="" type="checkbox"/> aluminium	MTN502660

For System M.

Operator button to toggle or switch/dim an output. Manual operation and remote control possible via CONNECT radio system transmitters.

Radio features: **Router**

Functions:

EASY CONNECT:

- Switch on (to memory value), switch off, dim

With CONNECT radio configuration tool:

- additionally adjustable dimming speed, staircase lighting function, master/slave, brightness limit, switch on to brightness limit, memory function that can be switched off

Radio frequency: 868 MHz

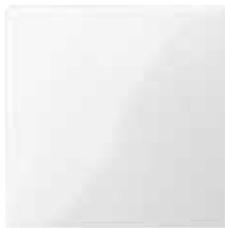
Range: up to 100 m in free field, up to 30 m indoors

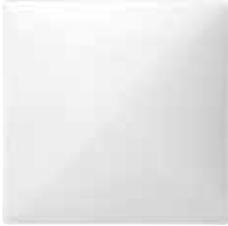
Power consumption: < 1 W

To be completed with: Universal super dimmer insert MTN577099

Transmitter: CONNECT radio universal remote control MTN5051-0000, CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio universal remote control MTN5051-0000, CONNECT 230 V radio transmitter, surface-mounted, 2-gang MTN5016-0012

Note: With CONNECT radio sensor cover for dimmer inserts= minimum load 75 VA.





CONNECT radio sensor cover for dimmer inserts



Version	Art. no.
<input checked="" type="checkbox"/> white, glossy	MTN504644
<input type="checkbox"/> polar white, glossy	MTN504619
<input type="checkbox"/> aluminium	MTN504660
<input type="checkbox"/> varnished stainless steel	MTN504646

For Artec, Tracent, Antique.

Operator button to toggle or switch/dim an output. Manual operation and remote control possible via CONNECT radio system transmitters.

Radio features: **Router**

Functions:

EASY CONNECT:

- Switch on (to memory value), switch off, dim

With CONNECT radio configuration tool:

- additionally adjustable dimming speed, staircase lighting function, master/slave, brightness limit, switch on to brightness limit, memory function that can be switched off

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Power consumption: < 1 W

To be completed with: Universal super dimmer insert MTN577099

Transmitter: CONNECT radio universal remote control MTN5051-0000, CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio universal remote control MTN5051-0000, CONNECT 230 V radio transmitter, surface-mounted, 2-gang MTN5016-0012

Note: With CONNECT radio sensor cover for dimmer inserts= minimum load 75 VA.

Universal super dimmer insert



Version	Art. no.
25-420 VA	MTN577099

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers or electronic transformers.

Phase control or phase alignment

The universal dimmer automatically recognises the connected load. Do not connect any mixed loads.

With memory function, can be switched off.

Nominal voltage: AC 230 V, 50 Hz

Minimum load: 25 VA

Minimum load: 420 VA

Neutral conductor: not required (2 conductor system)

To be completed with: Sensor cover System M MTN5776..., MTN5701..., Artec/Tracent/Antique MTN5737..., TELE sensor cover System M MTN5779..., MTN5703..., Artec/Tracent/Antique MTN5709..., Central plate of comfort rotating regulator for universal super dimmer insert System M MTN5678..., MTN5677..., CONNECT radio sensor cover for dimmer inserts System M MTN5036..., MTN5026..., Artec/Tracent/Antique MTN5046..., Control electronics, 1-gang Tracent MTN569090

Extension unit operation: With mechanical push-buttons.

Extension unit operation: Extension TELE insert MTN573998

Note: With CONNECT radio sensor cover for dimmer inserts= minimum load 75 VA.



CONNECT radio receiver, flush-mounted, 1-gang universal dimmer



Version

Art. no.

MTN507900

To switch and dim external loads.

Radio feature: **router**

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electronic transformers.

(Phase control or phase alignment).

Manual operation using the key on the device via an extension unit and remote controlled using the CONNECT radio system's transmitter.

The integrated universal dimmer automatically recognises the connected load. Do not connect any mixed loads. With overload protection, short circuit protection and memory function.

Suitable for installation into a size 60 installation box.

With snap-off mounting plates.

Functions:

EASY CONNECT:

- Switch on (to memory value), switch off, dim

With CONNECT radio configuration tool:

- additionally adjustable dimming speed, staircase lighting function, master/slave, brightness limit, switch on to brightness limit, memory function that can be switched off

Channels: 1

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Nominal voltage: AC 230 V, 50/60 Hz

Power consumption: < 1 W

Minimum load: 25 VA

Maximum load: 250 VA

Display elements: LED

Operating elements: Push-buttons for programming

Type of protection: IP 20

Dimensions: 48 x 52 x 27 mm (H x W x D)

Accessories: Capacitor MTN542895

Transmitter: CONNECT radio universal remote control MTN5051-0000, CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio universal remote control MTN5051-0000, CONNECT 230 V radio transmitter, surface-mounted, 2-gang MTN5016-0012

Note: Provide a load reduction in case of unfavourable selection of the installation location or inadequate cooling.



CONNECT radio receiver, surface-mounted, 1-gang universal dimmer



Version

Art. no.

MTN5010-0011

To switch and dim external loads.

Radio feature: **router**

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electronic transformers.

(Phase control or phase alignment).

Manual operation using the key on the device via an extension unit and remote controlled using the CONNECT radio system's transmitter.

The integrated universal dimmer automatically recognises the connected load. Do not connect any mixed loads. With overload protection, short circuit protection and memory function.

Suitable for surface mounting.

Integrated fixing holes.

Functions:

EASY CONNECT:

- Switch on (to memory value), switch off, dim

With CONNECT radio configuration tool:

- additionally adjustable dimming speed, staircase lighting function, master/slave, brightness limit, switch on to brightness limit, memory function that can be switched off

Channels: 1

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Nominal voltage: AC 230 V, 50/60 Hz

Power consumption: < 1 W

Minimum load: 25 VA

Maximum load: 250 VA

Display elements: LED

Operating elements: Push-buttons for programming

Type of protection: IP 20

Dimensions: 29 x 54 x 135 mm (H x W x D)

Accessories: Capacitor MTN542895

Transmitter: CONNECT radio universal remote control MTN5051-0000, CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio universal remote control MTN5051-0000, CONNECT 230 V radio transmitter, surface-mounted, 2-gang MTN5016-0012

Note: Provide a load reduction in case of unfavourable selection of the installation location or inadequate cooling.



CONNECT radio plug adapter, universal dimmer



Version	Art. no.
polar white	MTN508619

For switching and dimming external loads with SCHUKO plug.

Radio features: **Router**

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electronic transformers.

(Phase control or phase alignment).

Manual operation via the sensor surface and remote control possible via CONNECT radio system transmitters.

The integrated universal dimmer automatically recognises the connected load. Do not connect any mixed loads.

With memory function, can be switched off.

Functions:

EASY CONNECT:

- Switch on (to memory value), switch off, dim

With CONNECT radio configuration tool:

- additionally adjustable dimming speed, staircase lighting function, brightness limit, switch on to brightness limit, memory function that can be switched off

Channels: 1

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Nominal voltage: AC 230 V, 50 Hz

Power consumption: < 1 W

Minimum load: 40 VA

Maximum load: 350 VA

Display elements: LED

Operating elements: Sensor surface for local operation and programming

Type of protection: IP 20

Dimensions: 120x65x38 mm (HxWxD)

Transmitter: CONNECT radio universal remote control MTN5051-0000, CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio universal remote control MTN5051-0000, CONNECT 230 V radio transmitter, surface-mounted, 2-gang MTN5016-0012



CONNECT radio plug adapter for British Standard, universal dimmer



Version	Art. no.
polar white	MTN5061-0119

For switching and dimming external loads with British Standard plug.
 Radio features: **router**
 For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electronic transformers.
(Phase control or phase alignment).
 Manual operation via the sensor surface and remote control possible via CONNECT radio system transmitters.
 The integrated universal dimmer automatically recognises the connected load. Do not connect any mixed loads.

With memory function, can be switched off.

Functions:

EASY CONNECT:

- Switch on (to memory value), switch off, dim

With CONNECT radio configuration tool:

- additionally adjustable dimming speed, staircase lighting function, brightness limit, switch on to brightness limit, memory function that can be switched off

Channels: 1

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Nominal voltage: AC 230 V, 50 Hz

Power consumption: < 1 W

Minimum load: 40 VA

Maximum load: 350 VA

Display elements: LED

Operating elements: Sensor surface for local operation and programming

Type of protection: IP 20

Dimensions: 120x65x38 mm (HxWxD)

Transmitter: CONNECT radio universal remote control MTN5051-0000, CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio universal remote control MTN5051-0000, CONNECT 230 V radio transmitter, surface-mounted, 2-gang MTN5016-0012

CONNECT radio system, roller shutter



- Surface-mounted visible installation possible in conjunction with surface-mounted housing.

CONNECT radio roller shutter push-button with sensor connection



Version	Art. no.
<input checked="" type="checkbox"/> white, glossy	MTN503544
<input type="checkbox"/> polar white, glossy	MTN503519
<input type="checkbox"/> active white, glossy	MTN503525
<input checked="" type="checkbox"/> anthracite	MTN502514
<input type="checkbox"/> aluminium	MTN502560

For System M.

Operating button for roller shutter motors. Manual operation and remote control possible via CONNECT radio system transmitters. With electronic locking device.

Possible to connect sun/twilight sensor.

Radio features: **Router**

A screw terminal on the blind control insert connects the sensor cable with the roller shutter push-button. Brightness value of sun sensor set to approx. 20000 lux.

Functions:

EASY CONNECT:

- Roller shutters Up/Down, louveres, save sun sensor light value locally

With CONNECT radio configuration tool:

- additionally master/slave, up/down duration

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Power consumption: < 1 W

To be completed with: Standard blind control insert MTN580698, Blind control insert with extension input MTN580699

Accessories: Sun/twilight sensor MTN580691

Transmitter: schneider-electric@home, colour MTN5059..., CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio roller shutter push-button with sensor connection System M MTN5035..., MTN5025..., Artec/Tracent/Antique MTN5045..., Radio ARGUS 220 CONNECT MTN5052-31..



CONNECT radio roller shutter push-button with sensor connection



Version	Art. no.
<input checked="" type="checkbox"/> white, glossy	MTN504544
<input type="checkbox"/> polar white, glossy	MTN504519
<input type="checkbox"/> aluminium	MTN504560
<input type="checkbox"/> varnished stainless steel	MTN504546

For Artec, Tracent, Antique.

Operating button for roller shutter motors. Manual operation and remote control possible via CONNECT radio system transmitters. With electronic locking device.

Possible to connect sun/twilight sensor.

Radio features: **Router**

A screw terminal on the blind control insert connects the sensor cable with the roller shutter push-button. Brightness value of sun sensor set to approx. 20000 lux.

Functions:

EASY CONNECT:

- Roller shutters Up/Down, louvres, save sun sensor light value locally

With CONNECT radio configuration tool:

- additionally master/slave, up/down duration

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Power consumption: < 1 W

To be completed with: Standard blind control insert MTN580698, Blind control insert with extension input MTN580699

Accessories: Sun/twilight sensor MTN580691

Transmitter: schneider-electric@home, colour MTN5059..., CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio roller shutter push-button with sensor connection System M MTN5035..., MTN5025..., Artec/Tracent/Antique MTN5045..., Radio ARGUS 220 CONNECT MTN5052-31..

Standard blind control insert



Version	Art. no.
1000 VA	MTN580698

For local control of a blind/roller shutter motor with limit switch.

Motor protection through interlocked relay contacts. Without extension input.

Nominal voltage: AC 230 V, 50 Hz

Neutral conductor:requiredSwitching capacity: max. 1 motor 1000 VA

Outputs: 2 make contacts (interlocked)

Pulse duration: 2 minutes

Connecting terminals: Screw terminals for max. 2.5 mm² or 2x1.5 mm²

To be completed with: Blind push-button System M MTN5877..., MTN5862..., Artec/Tracent/Antique MTN5842..., Blind push-button with memory function and sensor connection System M MTN5879..., MTN5863..., Artec/Tracent/Antique MTN5843..., Blind push-button with IR receiver and sensor connection System M MTN5880..., MTN5864..., Artec/Tracent/Antique MTN5844..., CONNECT radio roller shutter push-button with sensor connection System M MTN5035..., MTN5025..., Artec/Tracent/Antique MTN5045..., Standard blind time switch System M MTN5814..., MTN5819..., Artec/Tracent/Antique MTN5859..., Blind time switch System M MTN5815..., MTN5861..., Artec/Tracent/Antique MTN5841..., Blind time switch with sensor connection System M MTN5816..., MTN5867..., Artec/Tracent/Antique MTN5851..

Blind control insert with extension input



Version	Art. no.
1000 VA	MTN580699

For controlling a blind/roller shutter motor with limit switch.

A mechanical roller shutter switch/push-button or an additional blind control insert can be connected via the extension input to implement group/central control. Wind alarm function possible with extension input. Motor protection through interlocked relay contacts.

Nominal voltage: AC 230 V, 50 Hz

Neutral conductor:requiredSwitching capacity: max. 1 motor 1000 VA

Outputs: 2 make contacts (interlocked)

Reversing time: minimum 500 ms

Connecting terminals: Screw terminals for max. 2.5 mm² or 2x1.5 mm²

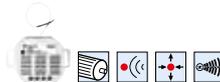
To be completed with: Blind push-button System M MTN5877..., MTN5862..., Artec/Tracent/Antique MTN5842..., Blind push-button with memory function and sensor connection System M MTN5879..., MTN5863..., Artec/Tracent/Antique MTN5843..., Blind push-button with IR receiver and sensor connection System M MTN5880..., MTN5864..., Artec/Tracent/Antique MTN5844..., CONNECT radio roller shutter push-button with sensor connection System M MTN5035..., MTN5025..., Artec/Tracent/Antique MTN5045..., Standard blind time switch System M MTN5814..., MTN5819..., Artec/Tracent/Antique MTN5859..., Blind time switch System M MTN5815..., MTN5861..., Artec/Tracent/Antique MTN5841..., Blind time switch with sensor connection System M MTN5816..., MTN5867..., Artec/Tracent/Antique MTN5851...

Accessories: Wind sensor interface MTN580693

Note: In combination with the standard blind time switch, the extension input does not work.



CONNECT radio receiver, flush-mounted, 1-gang roller shutter



Version	Art. no.
	MTN507801

For controlling a roller shutter drive. Can be remote-controlled via CONNECT radio system transmitters.

Radio features: **router**

With screw terminals.

Suitable for installation into a size 60 installation box.

With snap-off mounting plates.

Functions:

EASY CONNECT:

- Roller shutter Up/Down, Stop

With CONNECT radio configuration tool:

- Louvres, up/down duration

Channels: 1

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Nominal voltage: AC 230 V, 50/60 Hz

Nominal current: 6 A, cos φ=0.6

Power consumption: < 1 W

Connected loads:Motor load: AC 230 V, 500 VA

Display elements: LED

Operating elements: Push-buttons for programming

Type of protection: IP 20

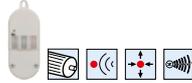
Dimensions: 48 x 52 x 27 mm (H x W x D)

Accessories: Capacitor MTN542895

Transmitter: CONNECT radio universal remote control MTN5051-0000, CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio universal remote control MTN5051-0000, CONNECT 230 V radio transmitter, surface-mounted, 2-gang MTN5016-0012



CONNECT radio receiver, surface-mounted, 1-gang roller shutter



Version

Art. no.

MTN5015-0011

For controlling a roller shutter drive. Can be remote-controlled via CONNECT radio system transmitters.

Radio features: **router**

With screw terminals.

Suitable for surface mounting.

Integrated fixing holes.

Functions:

EASY CONNECT:

- Roller shutter Up/Down, Stop

With CONNECT radio configuration tool:

- Louvres, up/down duration

Channels: 1

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Nominal voltage: AC 230 V, 50/60 Hz

Nominal current: 6 A, $\cos \varphi=0.6$

Power consumption: < 1 W

Connected loads:Motor load: AC 230 V, 500 VA

Display elements: LED

Operating elements: Push-buttons for programming

Type of protection: IP 20

Dimensions: 29 x 54 x 135 mm (H x W x D)

Accessories: Capacitor MTN542895

Transmitter: CONNECT radio universal remote control MTN5051-0000, CONNECT radio push-button, Move System M MTN5081..., MTN5080..., Artec/Tracent/Antique MTN5082..., CONNECT radio push-button, 1-gang System M MTN5061..., MTN5051..., Artec/Tracent/Antique MTN5071..., CONNECT radio push-button, 2-gang System M MTN5062..., MTN5052..., Artec/Tracent/Antique MTN5072..., CONNECT radio transmitter flush-mounted, 4-gang MTN506004, CONNECT radio universal remote control MTN5051-0000, CONNECT 230 V radio transmitter, surface-mounted, 2-gang MTN5016-0012

CONNECT radio system, router



CONNECT radio router, flush-mounted



Version

Art. no.

MTN5018-0000

Router to extend the range of the CONNECT radio system.

Radio features: **router**

With screw terminals.

Suitable for installation into a size 60 installation box.

With snap-off mounting plates.

Functions:

With CONNECT radio configurator:

- Integration in the CONNECT radio system

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Nominal voltage: AC 230 V, 50/60 Hz

Power consumption: < 1 W

Display elements: LED

Operating elements: Push-buttons for programming

Dimensions: 48 x 52 x 27 mm (H x W x D)



CONNECT radio router, surface-mounted



Version

Art. no.

MTN5018-0010

Router to extend the range of the CONNECT radio system.

Radio features: **router**

With screw terminals.

Suitable for surface mounting.

Integrated fixing holes.

Functions:

With CONNECT radio configurator:

- Integration in the CONNECT radio system

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Nominal voltage: AC 230 V, 50/60 Hz

Power consumption: < 1 W

Display elements: LED

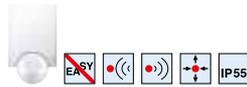
Operating elements: Push-buttons for programming

Dimensions: 29 x 54 x 135 mm (H x W x D)

CONNECT radio system, ARGUS movement detector



Radio ARGUS 220 CONNECT



Version	Art. no.
polar white	MTN5052-3119
aluminium	MTN5052-3160

Electronic outdoor movement detector. 220° surface monitoring for large house fronts and sections of the house.

- 360° short-range zone (approx. 4 m radius).
- Large wiring compartment and plug system.
- Looping is possible.
- LED function display for fast alignment at the installation site.
- Operating elements are protected under the easily accessible cover plate.
- Flexibly adjustable sensor head.
- Possible to blank out individual lens areas.

Can be installed on walls and ceilings without additional accessories. Can be mounted on inner/outer corners and stationary pipes using a mounting bracket.

Functions:

Up to four radio ARGUS 220 CONNECT devices or switch actuators can be networked and set via the remote control (permanent ON, permanent OFF, automatic, brightness threshold, switching time, set and change the sensitivity to movement.)

In conjunction with the CONNECT radio configuration tool, you can:

- fully integrate the radio ARGUS 200 CONNECT into the radio network and network with other devices.
- Use function module like scene, message and alarm.
- Twilight switch function.

Nominal voltage: AC 230 V, 50 Hz

Incandescent lamps: AC 230 V, max. 2000 W

Halogen lamps: AC 230 V, max. 2000 W

Fluorescent lamps: AC 230 V, 1200 W uncompensated

Capacitive load: max. 35 µF

Max. switching current: 16 A, AC 230 V, cosφ = 1

Angle of detection: 220°

Range: max. 16 m

Number of levels: 7

Number of zones: 112 with 448 switching segments

Light sensor: continuously adjustable from 3-1000 lux

Time: 1 sec. to approx. 8 min. in 6 steps

Sensitivity: continuously adjustable

Neutral conductor: required **Sensor head adjustment for wall mounting:**

9° up, 24° down, 12° left/right, ±12° axial

Sensor head adjustment for ceiling mounting:

4° up, 29° down, 25° left/right, ±8.5° axial

EC guidelines: Low voltage directive 2006/95/EEC and EMC directive 2004/108/EEC

Radio frequency: 868 MHz

Transmission range: up to 100 m in free field, up to 30 m indoors

Type of protection: IP 55

Dimensions: 151x93x71 mm (HxWxD)

Accessories: Remote control for radio ARGUS 220 CONNECT MTN5052-1100, Mounting bracket MTN565291, Capacitor MTN542895

Contents: With cover plate and segments to limit the area of detection, screws and plugs.



Remote control for radio ARGUS 220 CONNECT



Version	Art. no.
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	MTN5052-1100
--	---------------------

One radio ARGUS 220 CONNECT or one radio receiver switch each can be linked, networked and set for each key (A1-A4) on the remote control.

Functions: You can set the following functions on the ARGUS: Operating mode (permanent ON, permanent OFF, automatic), brightness threshold, switching duration, set and change the sensitivity to movement.

Channels: 4

Radio frequency: 868 MHz

Range: up to 100 m in free field, up to 30 m indoors

Battery: 1 lithium button cell (CR 2450N)

Display elements: Status LED

Receiver: Radio ARGUS 220 CONNECT MTN5052-31..

Contents: With battery.

Accessories



Capacitor



Version	Art. no.
---------	----------

AC 230 V, 0.33 μ F	MTN542895
------------------------	------------------

AC 230 V, 0.33 μ F

For use in push-button circuits to prevent flickering of the neon lamp and/or instantaneous switching of the installation relay when several push-buttons with neon lamps are in use.

For interference suppression of inductive loads, e.g. relays, contactors, fluorescent lamps, transformers, if the induction voltage of these devices leads to the retriggering of the ARGUS.

MTN5010-0011	38	MTN507160	20
MTN5011-0011	28	MTN507219	21
MTN5011-0012	32	MTN507244	21
MTN5012-0011	30	MTN507246	21
MTN5015-0011	44	MTN507260	21
MTN5016-0002	22	MTN507501	27
MTN5016-0012	23	MTN507502	28
MTN5018-0000	44	MTN507601	31
MTN5018-0010	45	MTN507801	43
MTN5051-0000	15	MTN507900	37
MTN5052-1100	47	MTN508014	16
MTN5052-3119	46	MTN508060	16
MTN5052-3160	46	MTN508119	16
MTN5060-0119	34	MTN508125	16
MTN5061-0119	40	MTN508144	16
MTN502414	25	MTN508219	17
MTN502460	25	MTN508244	17
MTN502514	41	MTN508246	17
MTN502560	41	MTN508260	17
MTN502614	35	MTN508519	33
MTN502660	35	MTN508619	39
MTN503419	25	MTN542895	47
MTN503425	25	MTN576799	27
MTN503444	25	MTN576897	26
MTN503519	40	MTN577099	36
MTN503525	40	MTN580698	42
MTN503544	40	MTN580699	44
MTN503619	35		
MTN503625	35		
MTN503644	35		
MTN504419	26		
MTN504444	26		
MTN504446	26		
MTN504460	26		
MTN504519	42		
MTN504544	42		
MTN504546	42		
MTN504560	42		
MTN504619	36		
MTN504644	36		
MTN504646	36		
MTN504660	36		
MTN505114	17		
MTN505160	17		
MTN505214	18		
MTN505260	18		
MTN506004	24		
MTN506119	17		
MTN506125	17		
MTN506144	17		
MTN506219	18		
MTN506225	18		
MTN506244	18		
MTN506801	14		
MTN507119	20		
MTN507144	20		
MTN507146	20		

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