



GRMS

The Smart Room Management
of Tomorrow

 MESSERSCHMITT
Systems

ASSA ABLOY



Contents

ABOUT US	04
GRMS	06
NEW CONTROLLER SYSTEM	08
DIGITAL PLATFORM	10
CONTROLLERS & EXPANSIONS	12
MAGIC GLASS	14
SELECT SERIES	16
LUXURY LINE	18
ACCESSORIES	20
SERVICE & CONTACT	22

Gender note: For reasons of readability, no gender-neutral differentiation is made. Corresponding terms apply in principle to all genders.





What Sets Us Apart



3 solution areas



Custom solutions
"Made in Germany"



More than
100 employees



Focus on
sustainability



More than 30 years
of experience



Decades-long
service guarantee



More than 2,500
global references



Certified in accordance
with ISO 9001

About Us A Smart Sense of Hospitality

“Our solutions are
the perfect combination
of comfort
and innovation.”

Horst Eckenberger
Managing Director

Founded in 1985, MESSERSCHMITT Systems initially focused on security technologies for highly sensitive fields such as research and development. Today, we are a leading international supplier of innovative hardware and software solutions for access and room control in the hotel industry. We rely on cutting-edge technologies, exceptional quality, and an in-depth understanding of our customers' highly individual needs to develop our customized, future-proof systems. Intuitive

room management, contactless access, energy-efficient all-in-one solutions: Our products combine functionality, design, and sustainability to create the guest experience of tomorrow. As an ASSA ABLOY Group company, we have access to the resources and expertise required to tackle the challenges facing the hospitality industry and to drive the sector forward in close cooperation with our customers and partners. Let's shape the future together – innovative, smart, and secure.

Sustainable by Design

At MESSERSCHMITT Systems, sustainability is more than just a buzzword. It is a principle that guides our entire business – from our product development processes to our supply chain. We develop our impressive solutions using innovative and environmentally friendly materials. At the same time, energy-efficient concepts such as automatic adjustment of lighting and climate control systems reduce energy consumption without sacrificing guests' comfort. Our systems are built to last; their modular

design means that individual components can be replaced as needed. They are also easy to integrate into existing hotel infrastructures. We manufacture in Germany and cooperate closely with local suppliers, which minimizes delivery distances and emissions while ensuring the highest standards of quality. Another important focus for us is continuous improvement – we listen to what our customers and employees want, helping us make our products and processes even more sustainable.



Find out more about our core topics – via QR code or at www.messerschmitt.com/en/sustainability



GRMS Guest Room Management, Redefined

Today's hotel guests expect more than just a room with a bed – they want a personalized retreat full of style and comfort and supported by user-friendly technologies. At the same time, hotels face the challenge of reducing their operating costs and making sustainable use of resources. And this is where intelligent Guest Room Management Systems (GRMS) come in. A customized GRMS such as the one from MESSERSCHMITT Systems al-

lows for seamless management of all room functions for a fully networked guest experience – from the lighting and curtains to climate control and access management. Cutting-edge technology blends with an intuitive user experience. A free choice of materials, colors, and functions means our customized hardware can integrate seamlessly into any design concept to create smart rooms that also meet the highest aesthetic standards.

Your Benefits at a Glance



Seamless Integration Thanks to Comprehensive Interfaces

With the MESSERSCHMITT all-in-one system, you benefit from a native PMS interface that requires no third-party software and seamlessly connects all areas of the hotel.

- **PMS integration:** Direct connection to hotel software, without third-party software
- **Process optimization:** Interfaces with housekeeping and maintenance simplify internal processes
- **Guest apps:** Guest journey apps can control room functions via interfaces

Ease of Use for Efficient Processes

Our systems are designed to simplify day-to-day operations and reduce staff workload. From intuitive controls to hassle-free maintenance, you benefit from peak efficiency – anytime, anywhere.

- **Web-based controls:** Access and control from anywhere in the world, even for multiple hotels
- **Plug and Play:** All room components, including the primary controller, can be replaced without the need for reconfiguration
- **Drag and Drop:** Programming the rooms is extremely easy; settings can be updated at any time via drag and drop



Standardized Configuration with No Additional Effort

MESSERSCHMITT Systems simplifies system configuration to a minimum: The centralized topology allows you to pre-program an optimum room type and easily copy it to all other rooms.

- **Central topology:** One primary controller per room makes configuration and adjustment easier
- **Time savings:** The set-up of one room can be copied to all other rooms
- **Lower costs:** No individual settings necessary for individual components

Secure, Cloud-Based Technology

Our GRMS combines the benefits of a cloud solution with the security of an on-premises system. The controllers save all important processes locally, so even if the cloud fails, the system will continue operating without interruption.

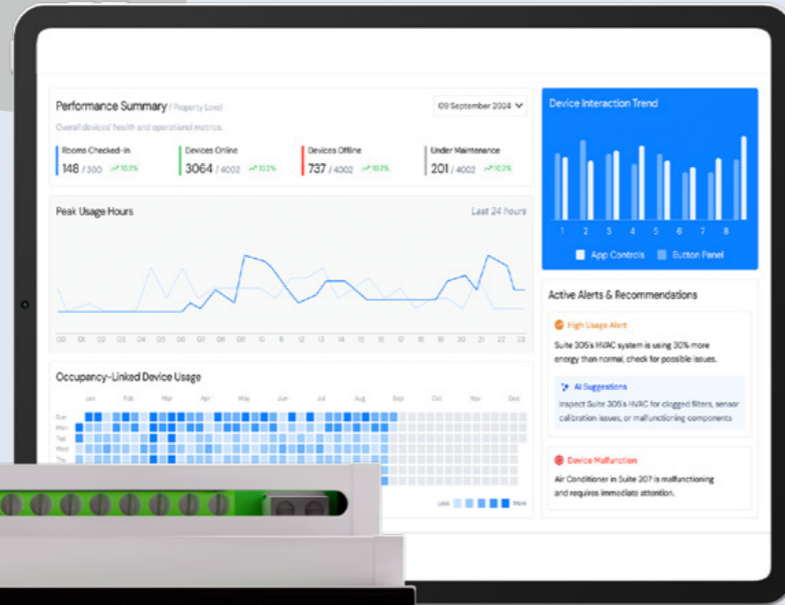
- **Secure management:** 128-bit AES encryption, SSO, and regular security updates
- **Multi-property management:** Manage multiple properties with a single user
- **Open MODBUS RTU protocol:** Facilitates local communication with room devices such as panels and controllers



SMART & SECURE



Learn more about the GRMS revolution



New Controller System The Room Management of Tomorrow

The new primary controller takes room management at your hotel to a whole new level: As a fully networked solution, it gives you the ability to control all the functions in a hotel room, from the lighting and climate control system to the TV and other electronic devices. And conveniently, you can do so from anywhere. Thanks to its comprehensive interfaces, the controller is compatible with nearly all devices in a hotel room, allowing for seamless integration into existing systems. At the same time, it continuously collects and analyses data, providing valu-

able insight into operational efficiency. Its versatility makes it the ideal choice for modern hotels. It combines flexibility and performance in a single solution, allowing for the creation of personalized lighting scenarios and intelligent room climate zones, as well as the management of multiple locations. It also supports sustainable operating models by reducing energy consumption and automating processes. And the result? More efficient processes and user-friendly controls that make operation noticeably easier.



COMPREHENSIVE CONNECTIONS

- LAN, Wi-Fi, Zigbee, Bluetooth, MODBUS, BACnet
- DALI connections and additional ports allow for expansion



HIGHEST SECURITY STANDARDS

- AES encryption with individual hotel ID
- Compliance with IEC 62443 standard, regular penetration tests



GUEST COMFORT AT THE TOUCH OF A BUTTON

- Intuitive control of lighting, climate control system, and much more
- Support for “bring your own device”



MAXIMUM VARIETY OF INTERFACES

- Open protocols for access systems, climate control systems, thermostats, etc.
- APIs for PMS, BMS, housekeeping, and many more



AUTOMATED ENERGY MANAGEMENT

- Real-time monitoring and AI-assisted energy optimization
- Automatic adjustments at check-in and check-out



EASY TO CONFIGURE

- Graphical interface with drag-and-drop function
- Automatic updates and AI-based recommendations



BIG DATA FOR EFFICIENT ROOM MANAGEMENT

- Data collection and analysis
- Optimization of operational efficiency
- Seamless connection via VConnect



CENTRALIZED MANAGEMENT OF MULTIPLE HOTELS

- Control of all locations via a centralized display
- Multi-tenancy for flexible user roles and global management

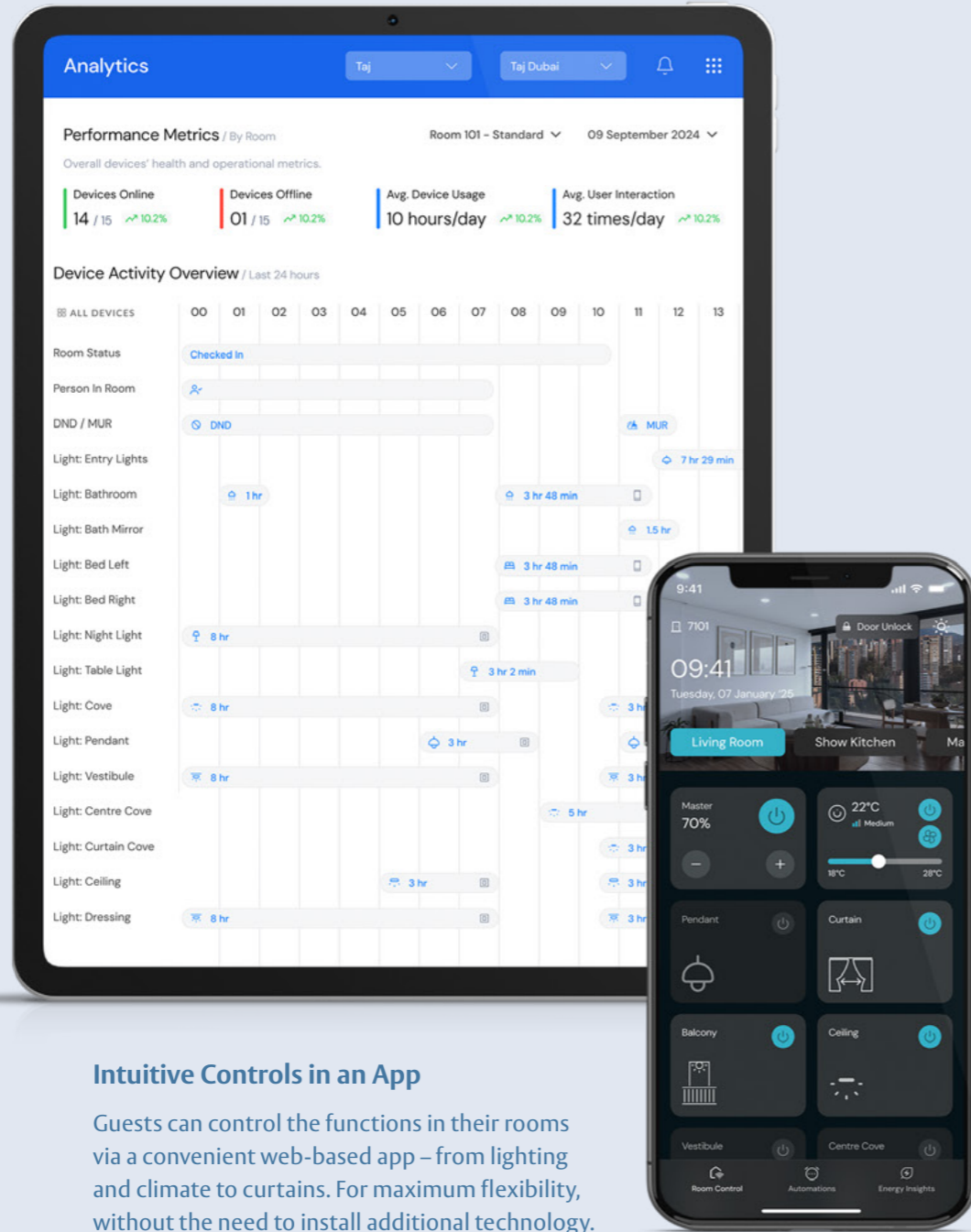
Technical specifications

Outputs*	→ 4 x dry contacts 16 A / 230 V NO → 4 x dry contacts 16 A / 230 V NO and NC → 4 x analog outputs 0-10 V
Inputs*	→ 8 x digital inputs → 2 x analog outputs (10 kΩ)
Consumption	230 V / 0,03 A AC or 12 V / 0,35 A DC
DIN rail units	9
Dimensions	160,6 x 58 x 90 mm
Indicators	Active inputs/outputs, online status, error status

*For even more functions, you can add the primary controller with expansion modules.

Efficient Housekeeping

Real-time overviews of guest presence, “do not disturb (DND)” status, and “make up room (MUR)” status help to optimize the deployment of staff. An analysis of operating hours allows consumable items to be replaced on an as-needed basis.



Intuitive Controls in an App

Guests can control the functions in their rooms via a convenient web-based app – from lighting and climate to curtains. For maximum flexibility, without the need to install additional technology.

Digital Platform Intuitive Control, Smart Management

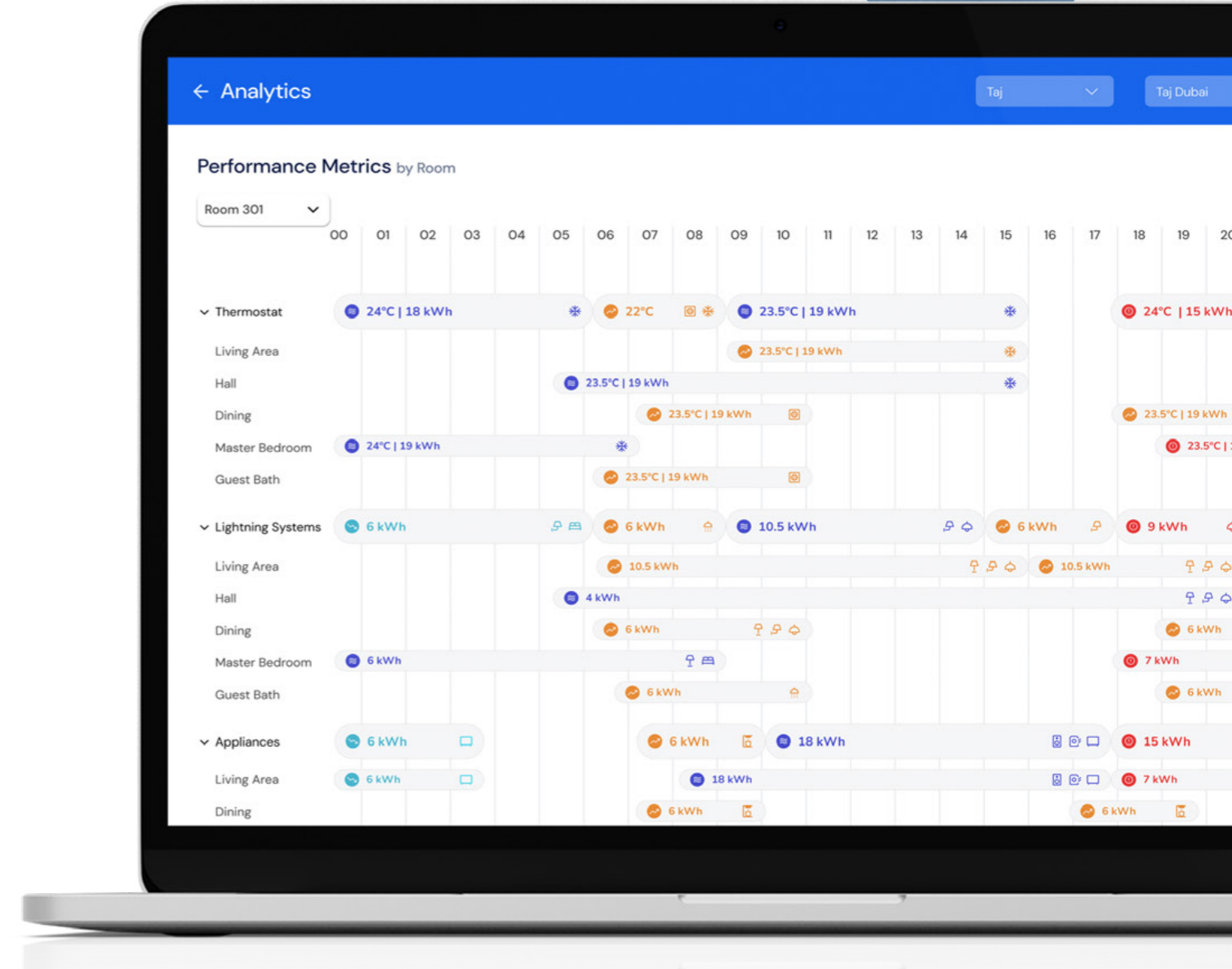
The software for the new controller is a high-performance tool that allows you to control all room functions centrally. A user-friendly interface lets you configure and adjust the lighting, climate control systems, and much more – no additional programming required. Seamless interfaces with hotel and building management ensure flawless integration into your

systems, and practical AI functions help you save energy and make your processes more efficient. Additionally, integrated IoT management delivers complete transparency about the status of all devices – anytime, anywhere. Another highlight: Hotel groups can manage multiple locations centrally.

Intelligent Energy Management

The energy consumption data from guests’ rooms can be monitored and analyzed in real time. Automated suggestions for optimization help to reduce costs and improve sustainability.

SIMPLE & INTUITIVE



To the digital platform:
rms.messerschmitt.cloud



Controllers & Expansions

One System, Countless Possibilities

MESSERSCHMITT Systems offers more than just customized panels in the style of your choosing; our controllers also deliver the high-performance GRMS technology behind those panels. Lighting, air conditioning, ventilation, curtains – our innovative control systems, with their versatile expansion modules, allow you to seamlessly control all the functions that help to keep your guests comfortable, ensuring that they have a first-rate experience. Programmable lighting ambience settings allow you to create the perfect atmosphere in any room, at

any time of day. The ambience is individually customized even as the guest enters the room. At the same time, the intelligent controls dynamically adjust the temperature in the room based on the position of the sun, the outdoor temperature, whether guests are present, and whether the room is booked. The controllers from MESSERSCHMITT Systems – which can be controlled by guests, by staff, or automatically – are the heart of an intelligent, sustainable room management system.

The Controller System at a Glance

Product Overview: Controllers and Expansions

Features	Primary Controller	RCX	Edge Interface Controller	RCA
Details	Cloud-connected master controller directing the full spectrum of room control, with an integrated 12 V / 0.4 A power adapter for two control panels	Master controller connected to an on-premises server, directing the full spectrum of room control	Interface controller for third-party integration and maximum security for on-premises RCX systems	RS485- or MODBUS-connected I/O slave controller, primary controller or RCX required
Inputs	<ul style="list-style-type: none"> • 8 x digital inputs • 2 x analog inputs (10 kΩ) 	3–5 x digital inputs	-	<ul style="list-style-type: none"> • 4–5 x digital inputs • 1 x analog input (if 4 digital inputs)
Outputs	<ul style="list-style-type: none"> • 4 x dry contacts 16 A / 230 V NO • 4 x dry contacts 16 A / 230 V NO and NC • 4 x analog outputs 0–10 V 	5 x dry contacts 16 A / 230 V NO	-	5 x dry contacts 16 A / 230 V NO
Interfaces	LAN, Wi-Fi, Zigbee, Bluetooth, MODBUS RTU, BACnet, APIs, PMS and HSKS via VConnect, RS485 to ACS	LAN, Bacnet, APIs, RS485, PMS, HSKS, if 3 inputs: RS485 to ACS	LAN or Wi-Fi to server, Bluetooth or Zigbee to third party, RS485 to RCX	<ul style="list-style-type: none"> • RS485 or MODBUS RTU Optional: HCS dimming interface
Maximum number of connected devices	<ul style="list-style-type: none"> • 32 x control panels or slave controllers with inputs and outputs • Additional 32 x slave controllers with outputs only 	<ul style="list-style-type: none"> • 32 x panels or slave controllers with inputs and outputs • A further 32 x slave controllers with outputs only 	<ul style="list-style-type: none"> • 1 x RCX • 1 x third-party system 	64 x phase-cut dimmers via HCS bus
Suite linking	Via TCP/IP, dry contacts	Via TCP/IP, dry contacts	-	-
Consumption	230 V / 0.03 A AC or 12 V / 0.35 A DC	12 V / 0.3 A DC	12 V / 0.12 A DC	12 V / 0.2 A DC
DIN rail units	9	4	2	4
Dimensions (mm)	160.6 x 58 x 90	71 x 91 x 71	35 x 35 x 63	71 x 91 x 71
Indicators	Active inputs/outputs, online status, error status	Active inputs/outputs, online status, error status	Online status, error status	Active inputs/outputs, online status, error status
	0/1-10 V Gateway	DALI Gateway	Phase-Cut Dimmer HCS	4-Channel Phase-Cut Dimmer DALI
Details	RS485- or MODBUS-connected 0- or 1-10 V slave controller, primary controller or RCX required	RS485- or MODBUS-connected slave controller for DALI devices, primary controller or RCX required	HCS dimming bus-connected phase-cut dimmer, RCA with HCS interface required	DALI bus-connected phase-cut dimmer, DALI gateway and four available DALI addresses required
Inputs	-	Buttons for DALI devices: on/off, DALI test, DALI addressing	-	Buttons for changing the channels used
Outputs	<ul style="list-style-type: none"> • 4 x dry contacts 6 A / 230 V • 4 x 1-10 V outputs (configurable) 	-	1 x leading-edge or trailing-edge phase-cut channel	4 x trailing-edge phase-cut channels
Interfaces	RS485 or MODBUS RTU	DALI and DALI 2 BUS interface for lighting control	HCS dimming bus	DALI bus
Maximum number of connected devices	-	63 x DALI devices via DALI bus	Up to 150 W	<ul style="list-style-type: none"> • 400 W if 4 channels are used • 500 W if 3 channels are used • 600 W if 2 channels are used • 800 W if 1 channel is used
Suite linking	-	-	-	-
Consumption	12 V / 0.2 A DC	12 V / 0.2 A DC, 24 V DC for DALI	12 V / 0.2 A	12 V / 0.2 A DC, 24 V DC for DALI
DIN rail units	4	4	2	8
Dimensions (mm)	71 x 91 x 71	71 x 91 x 71	35 x 90 x 74	145 x 66.4 x 90
Indicators	Active inputs/outputs, online status, error status	Active inputs/outputs, online status, error status	Dimmer on/off	Display for DALI and channel settings



Magic Glass Timeless Design

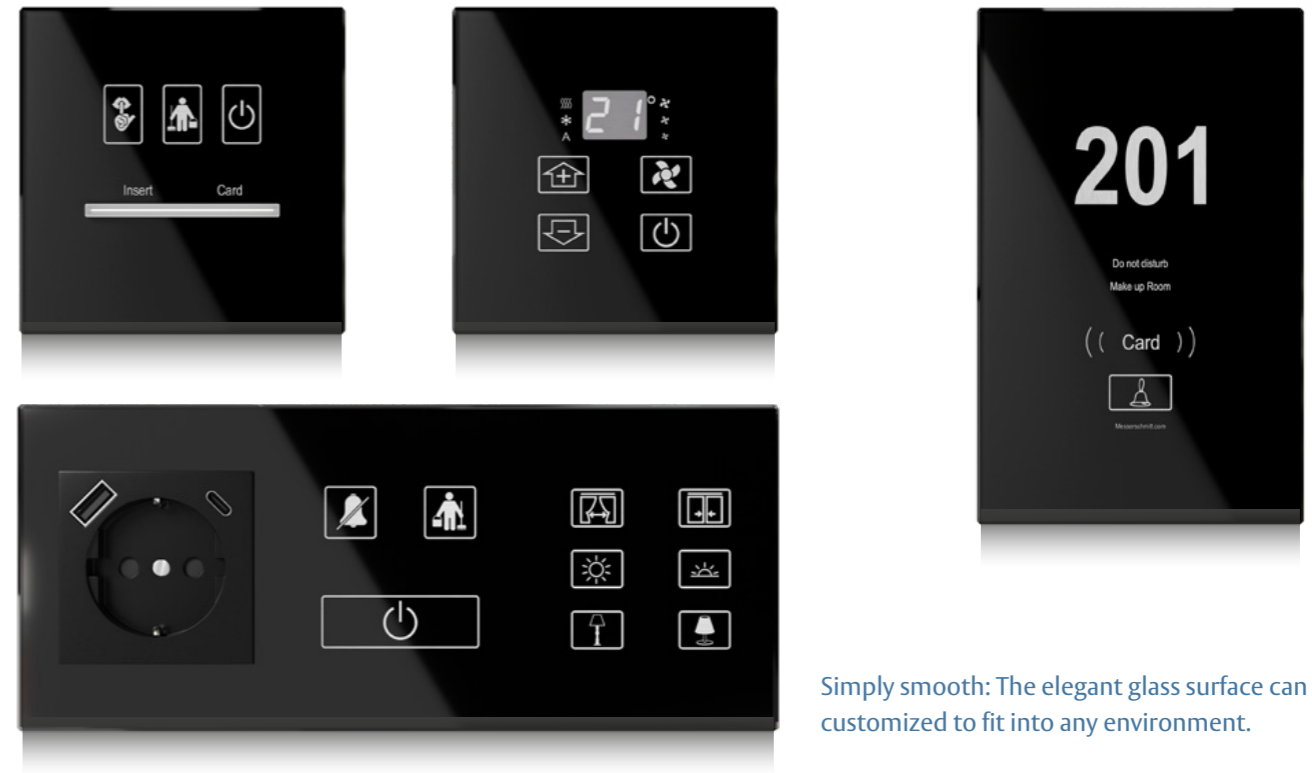
Magic Glass combines durable technology with elegant, versatile aesthetics. The capacitive buttons on the smooth glass surface allow for intuitive touch operation and do not include any mechanical parts – making them easy to clean and ensuring a long service life. The dimmable background lighting is particularly user-friendly; customizable color changes in the buttons

display the current status of the functions. The sleek, timeless design of Magic Glass is a perfect match for any decor and still delivers flexible functionality: All colors and patterns can be activated from behind the glass. The panel's customizable icons make it highly adaptable, and it seamlessly blends in with combinations of other panels or outlets.



Configurations

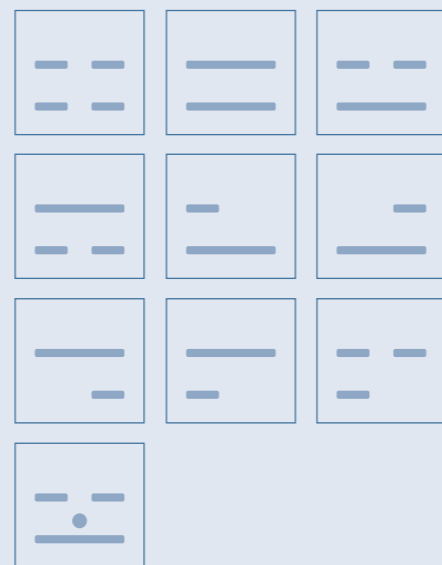
The six fixed positions of the individual buttons can be combined to create double and triple buttons (horizontal or vertical), or they can be left unassigned. Double buttons can be used as two individual buttons (room darkening up/down) or as one large button. A motion sensor can also be positioned in the center, in place of the two bottom buttons. You can select either round or square buttons.



Simply smooth: The elegant glass surface can be customized to fit into any environment.

Product Overview “Magic Glass”

Features	Corridor Panel MaGI FSP	Keycard Box MaGI CB	Room Thermostat MaGI INSTAT	Room Control Panel MaGI RSP
Details	Corridor panel that displays the room status	Keycard-activated switch for detecting guests, as an alternative to using sensors to detect guests	Thermostat for controlling the climate in the room. Can display room temperature or set point temperature	Panel for controlling and displaying the status of lighting, curtains, “do not disturb,” “please make up the room,” etc.
Functions	<ul style="list-style-type: none"> Room status (“Do not disturb,” “Please make up the room,” etc.) Room number or logo Optional: integrated call button 	<ul style="list-style-type: none"> Delayed switching off when guest leaves the room Optional: integrated bell Optional: keycards only 	<ul style="list-style-type: none"> Changing the set point temperature Setting the fan speed Toggle between °C and °F Climate control OFF 	<ul style="list-style-type: none"> Free selection of icons and functions Adjustable sensitivity
Buttons	Capacitive call button	Up to 3 capacitive buttons	Up to 4 capacitive buttons	Up to 6 capacitive buttons
Backlight	<ul style="list-style-type: none"> RGBW colors Dimmable and changes color based on status 	<ul style="list-style-type: none"> RGBW colors Dimmable and changes color based on status 	<ul style="list-style-type: none"> RGBW colors Dimmable and changes color based on status 	<ul style="list-style-type: none"> RGBW colors Dimmable and changes color based on status*
Combinability	-	<ul style="list-style-type: none"> Room control panel Room thermostat Various inputs such as sockets, data ports, etc. 	<ul style="list-style-type: none"> Room control panel Room thermostat Various inputs such as sockets, data ports, etc. 	<ul style="list-style-type: none"> Room control panel Room thermostat Various inputs such as sockets, data ports, etc.
Materials	<ul style="list-style-type: none"> Glass Optional: metal frame 	<ul style="list-style-type: none"> Glass Optional: metal frame 	<ul style="list-style-type: none"> Glass Optional: metal frame 	<ul style="list-style-type: none"> Glass Optional: metal frame
Consumption	12 V / 0.08 A DC	12 V / 0.08 A DC	12 V / 0.07 A DC	12 V / 0.08 A DC
Bus interface	MODBUS RTU	MODBUS RTU	MODBUS RTU	MODBUS RTU
Integrated sensors	-	-	Temperature	-
Optional sensors	-	Temperature, presence	Presence	Temperature, presence
Dimensions (mm)	<ul style="list-style-type: none"> 95 x 95 (without room number or logo) 150 x 95 (room number or logo can be displayed) 	<ul style="list-style-type: none"> 95 x 95 (one module) 150 x 95 (two modules) 221 x 95 (three modules) 292 x 95 (four modules) 	<ul style="list-style-type: none"> 95 x 95 (one module) 150 x 95 (two modules) 221 x 95 (three modules) 292 x 95 (four modules) 	<ul style="list-style-type: none"> 95 x 95 (one module) 150 x 95 (two modules) 221 x 95 (three modules) 292 x 95 (four modules)
Orientation	Horizontal / vertical	Horizontal / vertical	Horizontal / vertical	Horizontal / vertical
Installation box (one module)	<ul style="list-style-type: none"> ø 68 mm in-wall box Swiss-standard Quickbox® 3 x 3 inch UK standard Other versions on request 	<ul style="list-style-type: none"> ø 68 mm in-wall box Swiss-standard Quickbox® 3 x 3 inch UK standard Other versions on request 	<ul style="list-style-type: none"> ø 68 mm in-wall box Swiss-standard Quickbox® 3 x 3 inch UK standard Other versions on request 	<ul style="list-style-type: none"> ø 68 mm in-wall box Swiss-standard Quickbox® 3 x 3 inch UK standard Other versions on request



Configurations

The four fixed positions of the individual buttons can be combined to create double buttons (horizontal), or they can be left unassigned. Double buttons can be used as two individual buttons (room darkening up/down) or as one large button. A motion sensor can also be positioned in the center, in place of the two bottom buttons.

Select Series Classic Perfection

Are you looking for timeless design with that special something? The Select Series combines a high-quality glass surface with mechanical push-buttons, creating the perfect balance between a classic feel and a modern look – ideal for anyone who prefers a tactile user experience. The lighting of the buttons is dimmable and comes in a variety of colors, so you can always see the status of all functions at a glance. Additionally,

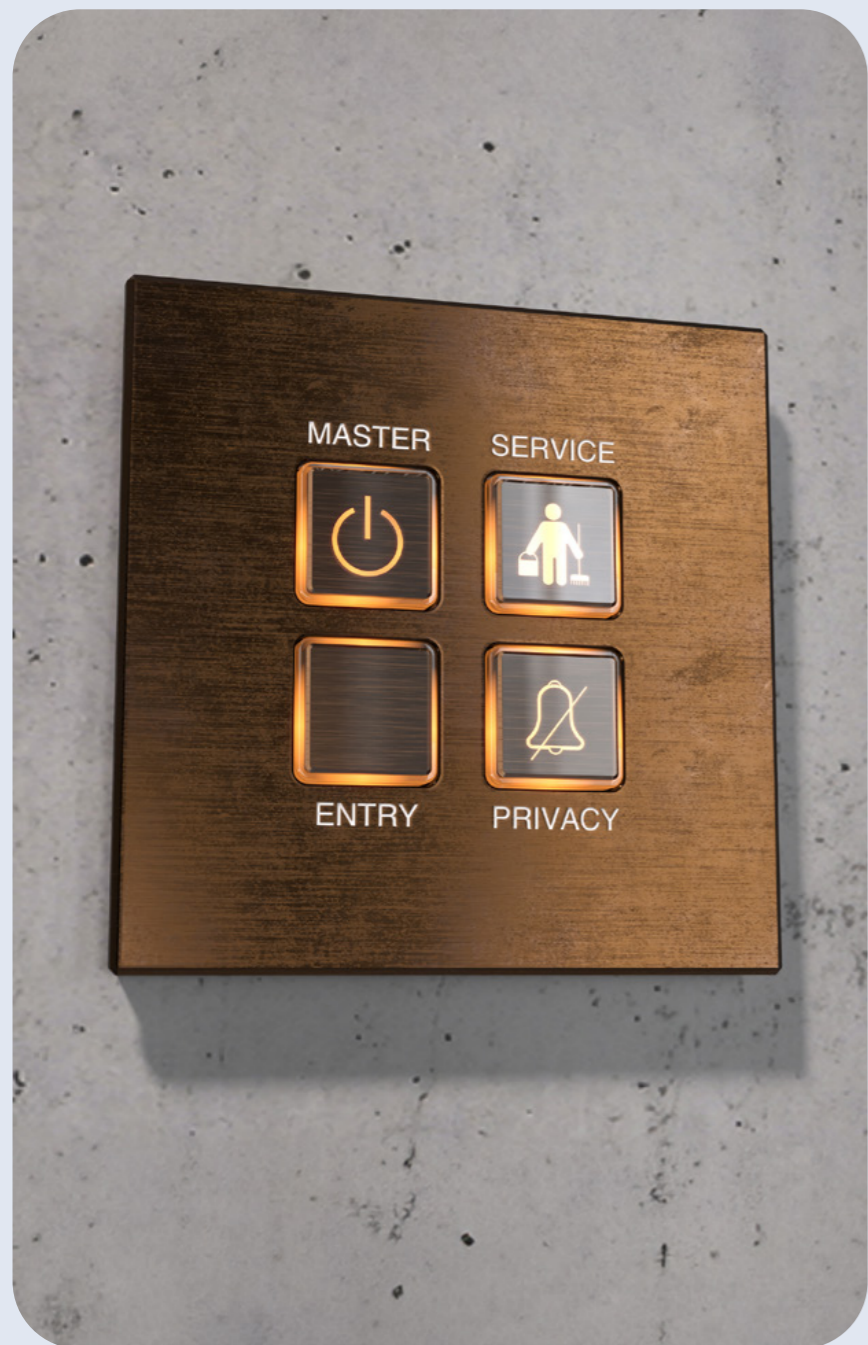
you can customize the icons and the glass to meet your needs. There are up to 16 push-buttons available, which also come in a wide range of colors, so the panels can be adapted to suit any style of interior design. The Select Series seamlessly blends in with other panels or outlets, creating a uniformly stylish room control system that delivers a classic user experience.



Perfect lines: The combination of glass surfaces and slender buttons makes all Select Series panels a statement.

Product Overview: “Select Series”

Features	Corridor Panel SLFSP	Keycard Box SLCB	Room Thermostat SLINSTAT	Room Control Panel SLRSP
Details	Corridor panel that displays the room status	Keycard-activated switch for detecting guests, as an alternative to using sensors to detect guests	Thermostat for controlling the climate in the room. Can display room temperature or set point temperature	Panel for controlling and displaying the status of lighting, curtains, “do not disturb,” “please make up the room,” etc.
Functions	<ul style="list-style-type: none"> Room status (“Do not disturb,” “Please make up the room,” etc.) Room number or logo Optional: integrated call button 	<ul style="list-style-type: none"> Delayed switching off when guest leaves the room Optional: integrated bell Optional: keycards only 	<ul style="list-style-type: none"> Changing the set point temperature Setting the fan speed Toggling between °C and °F Climate control OFF 	<ul style="list-style-type: none"> Free selection of icons and functions Adjustable sensitivity
Buttons	Mechanical call button	Up to 2 mechanical buttons	Up to 4 mechanical buttons	Up to 4 mechanical buttons
Backlight	<ul style="list-style-type: none"> RGBW colors Dimmable and changes color based on status 	<ul style="list-style-type: none"> RGBW colors Dimmable and changes color based on status 	<ul style="list-style-type: none"> RGBW colors Dimmable and changes color based on status 	<ul style="list-style-type: none"> RGBW colors Dimmable and changes color based on status
Combinability	-	<ul style="list-style-type: none"> Room control panel Room thermostat Various inputs such as sockets, data ports, etc. 	<ul style="list-style-type: none"> Room control panel Room thermostat Various inputs such as sockets, data ports, etc. 	<ul style="list-style-type: none"> Room control panel Room thermostat Various inputs such as sockets, data ports, etc.
Materials	<ul style="list-style-type: none"> Glass, metal Optional: metal frame Buttons: chrome, black, gold 	<ul style="list-style-type: none"> Glass, metal Optional: metal frame Buttons: chrome, black, gold 	<ul style="list-style-type: none"> Glass, metal Optional: metal frame Buttons: chrome, black, gold 	<ul style="list-style-type: none"> Glass, metal Optional: metal frame Buttons: chrome, black, gold
Consumption	12 V / 0.08 A DC	12 V / 0.08 A DC	12 V / 0.08 A DC	12 V / 0.08 A DC
Bus interface	MODBUS RTU	MODBUS RTU	MODBUS RTU	MODBUS RTU
Integrated sensors	-	-	Temperature	-
Optional sensors	-	Temperature, presence	Presence	Temperature, presence
Dimensions (mm)	<ul style="list-style-type: none"> 95 x 95 (without room number or logo) 150 x 95 (room number or logo can be displayed) 	<ul style="list-style-type: none"> 95 x 95 (one module) 150 x 95 (two modules) 221 x 95 (three modules) 292 x 95 (four modules) 	<ul style="list-style-type: none"> 95 x 95 (one module) 150 x 95 (two modules) 221 x 95 (three modules) 292 x 95 (four modules) 	<ul style="list-style-type: none"> 95 x 95 (one module) 150 x 95 (two modules) 221 x 95 (three modules) 292 x 95 (four modules)
Orientation	Horizontal / vertical	Horizontal / vertical	Horizontal / vertical	Horizontal / vertical
Installation box (one module)	<ul style="list-style-type: none"> ø 68 mm in-wall box Swiss-standard Quickbox® 3 x 3 inch UK standard Other versions on request 	<ul style="list-style-type: none"> ø 68 mm in-wall box Swiss-standard Quickbox® 3 x 3 inch UK standard Other versions on request 	<ul style="list-style-type: none"> ø 68 mm in-wall box Swiss-standard Quickbox® 3 x 3 inch UK standard Other versions on request 	<ul style="list-style-type: none"> ø 68 mm in-wall box Swiss-standard Quickbox® 3 x 3 inch UK standard Other versions on request



Luxury Line More than Premium

With the Luxury Line, you can set new standards in exclusivity and individuality, transforming hotel rooms into smart, stylish environments that meet the high expectations of your guests. Curtains, lighting, climate control systems – Luxury Line smart panels combine chic design with the highest standards of comfort and functionality. Their modular structure and high-quality materials allow for a broad range of design options, and the

panels can include up to 16 buttons. The backlight, which is activated via a proximity sensor and can be configured in all colors, is particularly user-friendly and adapts to the ambient light. Engraved text and icons round off the elegant look and feel. With this panel, every interaction becomes an experience – and every detail underscores the luxurious ambience of your hotel.



Configurations

The four fixed positions of the individual buttons can be combined to create double buttons (horizontal or vertical), or they can be left unassigned. Double buttons can be used as two individual buttons (room darkening up/down) or as one large button. A motion sensor can also be positioned in the center, in place of the two bottom buttons. You can select either round or square buttons.

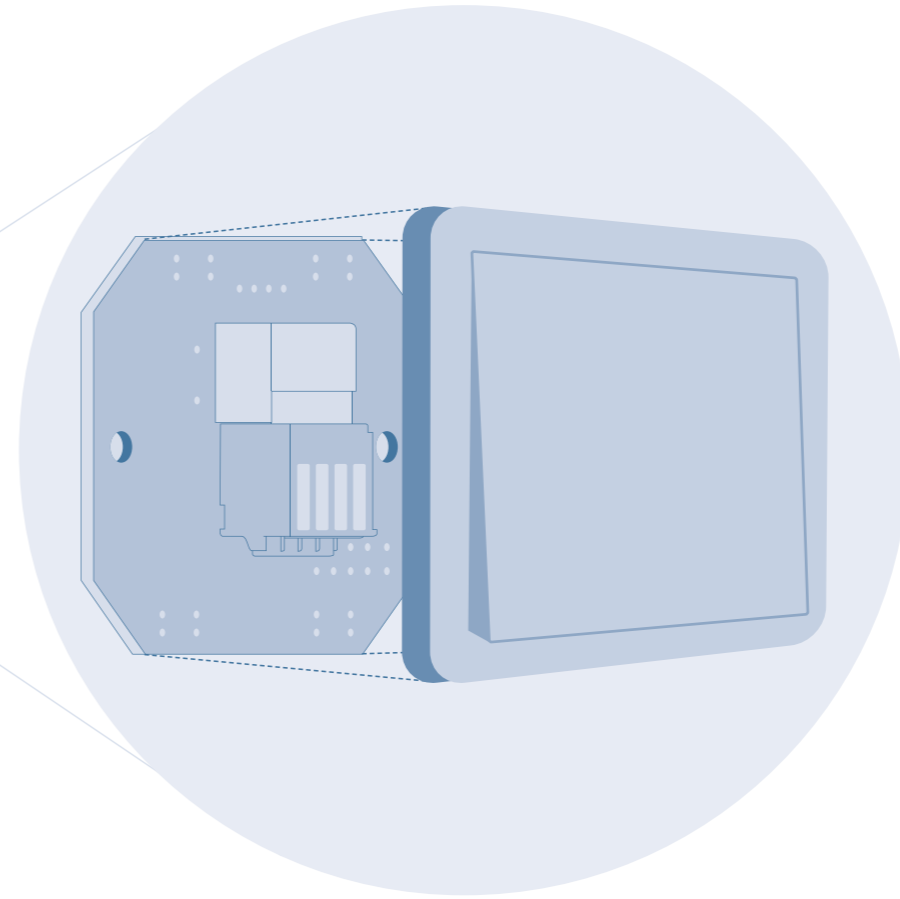
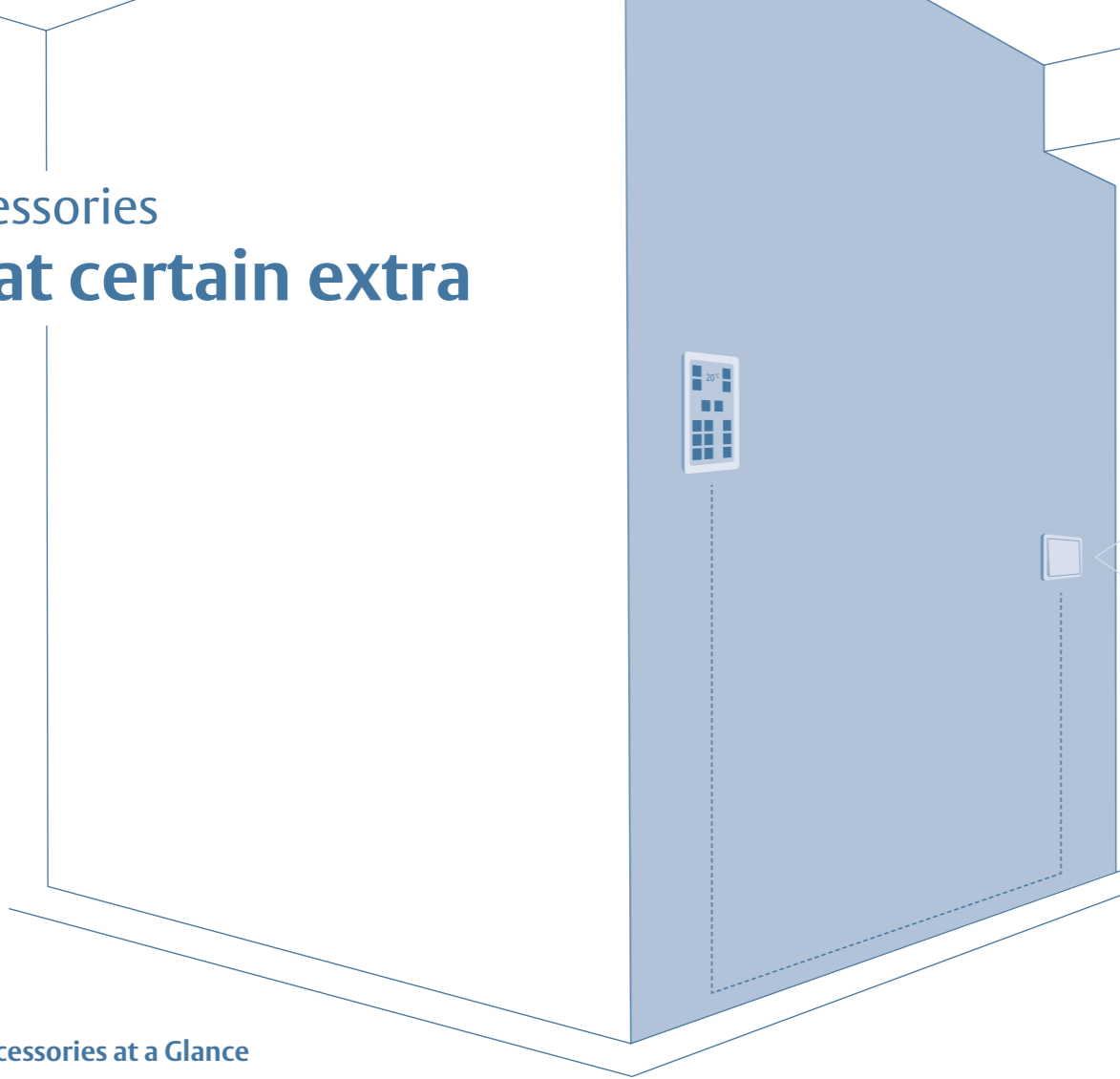


Square or round, always elegant: Customize your Luxury Line panels and buttons to your exact requirements.

Product Overview: “Luxury Line”

Features	Corridor Panel Lux FSP	Keycard Box Lux CB	Room Thermostat Lux TFT	Room Control Panel Lux RSP
Details	Corridor panel that displays the room status	Keycard-activated switch for detecting guests, as an alternative to using sensors to detect guests	2.8 inch TFT touchscreen for controlling the climate in the room. Can display room temperature or set point temperature	Panel for controlling and displaying the status of lighting, curtains, “do not disturb,” “please make up the room,” etc.
Functions	<ul style="list-style-type: none"> Room status (“Do not disturb,” “Please make up the room,” etc.) Room number or logo Optional: integrated call button 	<ul style="list-style-type: none"> Delayed switching off when guest leaves the room Optional: integrated bell Optional: keycards only 	<ul style="list-style-type: none"> Changing the set point temperature Setting the fan speed Toggle between °C and °F Climate control OFF 	<ul style="list-style-type: none"> Free selection of icons and functions Adjustable sensitivity
Buttons	Mechanical call button	Up to 2 mechanical buttons	Individual, up to 6 switching options	Up to 4 mechanical buttons
Backlight	<ul style="list-style-type: none"> RGBW colors – adjustable Dimmable: adaptive lighting thanks to proximity sensor Changes color based on status 	<ul style="list-style-type: none"> RGBW colors – adjustable Dimmable: adaptive lighting thanks to proximity sensor Changes color based on status 	<ul style="list-style-type: none"> RGBW colors – adjustable Dimmable: adaptive lighting thanks to proximity sensor Changes color based on status 	<ul style="list-style-type: none"> RGBW colors – adjustable Dimmable: adaptive lighting thanks to proximity sensor Changes color based on status
Combinability	-	<ul style="list-style-type: none"> Room control panel Room thermostat Various inputs such as sockets, data ports, etc. 	<ul style="list-style-type: none"> Room control panel Room thermostat Various inputs such as sockets, data ports, etc. 	<ul style="list-style-type: none"> Room control panel Room thermostat Various inputs such as sockets, data ports, etc.
Materials	<ul style="list-style-type: none"> Glass, metal Optional: metal frame Buttons: glass, metal 	<ul style="list-style-type: none"> Glass, metal Optional: metal frame Buttons: glass, metal 	<ul style="list-style-type: none"> Glass, metal Optional: metal frame Buttons: glass, metal 	<ul style="list-style-type: none"> Glass, metal Optional: metal frame Buttons: glass, metal
Consumption	12 V / 0.1 A DC	12 V / 0.1 A DC	12 V / 0.15 A DC	12 V / 0.1 A DC
Bus interface	MODBUS RTU	MODBUS RTU	MODBUS RTU	MODBUS RTU
Integrated sensors	-	Proximity	Brightness, presence, proximity, temperature	Proximity
Optional sensors	-	Temperature, presence	-	Temperature, presence
Dimensions (mm)	<ul style="list-style-type: none"> 95 x 95 (without room number or logo) 150 x 95 (room number or logo can be displayed) 	<ul style="list-style-type: none"> 95 x 95 (one module) 150 x 95 (two modules) 221 x 95 (three modules) 292 x 95 (four modules) 	<ul style="list-style-type: none"> 95 x 95 (one module) 150 x 95 (two modules) 221 x 95 (three modules) 292 x 95 (four modules) 	<ul style="list-style-type: none"> 95 x 95 (one module) 150 x 95 (two modules) 221 x 95 (three modules) 292 x 95 (four modules)
Orientation	Horizontal / vertical	Horizontal / vertical	Horizontal / vertical	Horizontal / vertical
Installation box (one module)	<ul style="list-style-type: none"> ø 68 mm in-wall box Swiss-standard Quickbox® 3 x 3 inch UK standard Other versions on request 	<ul style="list-style-type: none"> ø 68 mm in-wall box Swiss-standard Quickbox® 3 x 3 inch UK standard Other versions on request 	<ul style="list-style-type: none"> ø 68 mm in-wall box Swiss-standard Quickbox® 3 x 3 inch UK standard Other versions on request 	<ul style="list-style-type: none"> ø 68 mm in-wall box Swiss-standard Quickbox® 3 x 3 inch UK standard Other versions on request

Accessories That certain extra



TFT Touch Panel

Our elegant TFT room status panel features a modern display in a choice of two different sizes. Its touch functionality allows you to control the room intuitively. The integrated proximity sensor ensures that the panel will not turn on until right before you use it – for a subtle but functional user experience.

Bus Coupler

Would you like to integrate commercially available buttons and switches into your room management system? Then our bus couplers are the right choice for you. They provide a seamless connection between standard switches and our GRMS, and they also offer the option to control LEDs using third-party switches. They are available with four inputs and outputs, or with eight inputs for maximum flexibility.

Our Accessories at a Glance





Features	Keycard Box	Informational Sign	TFT Room Status Panel	PIR Sensor	PIR Sensor with Integrated Nightlight	Bus Coupler 4/4	Bus Coupler 0/8
Details	Mechanical keycard-activated switch with integrated contact point for power contactor	Illuminated glass sign with customizable layout	TFT 2 or 7 inch touch display for controlling the room; customizable graphic design	Sensor for detecting guests	Bus-connected nightlight with integrated presence or motion sensor	Bus coupler with 4 inputs and 4 LED outputs for connecting to external switches with MODBUS, to be installed in in-wall boxes	Bus coupler with 8 inputs for connecting to external switches with MODBUS, to be installed in in-wall boxes
Functions	Keycard-activated switch for presence detection, in elegant MESSERSCHMITT design	Can be controlled by room management system via MODBUS	IPS display, resolution: • 7 inch 1024 x 600 px • 2 inch 320 x 240 px	• Detection range: 4 m • Output: dry contact, max 42 V / 0.5 A	• Detection range: 4 m • Dimmable light	Device for converting binary signals – from a light switch to MODBUS, for example	Device for converting binary signals – from a light switch to MODBUS, for example
Buttons	-	-	Customizable, can be changed	-	-	-	-
Backlight	-	RGBW, dimmable: color changes to indicate status	Dimmable via proximity sensor	-	Defined RGBW color, dimmable	Control of external LEDs	-
Combinability	-	-	• Room control panel • Room thermostat • Various inputs such as sockets, data ports, etc.	-	• Room control panels • Room thermostat • Card holder • Outlet	-	-
Materials	Glass, metal	• Glass • Optional: metal frame	Glass frame, metal frame	Acrylic white	• Glass • Optional: metal frame	-	-
Consumption	-	12 V / 0.1 A DC	12 V / 0.5 A DC	12 V / 0.03 A DC	12 V / 0.1 A DC	Max. 12 V / 0.14 A DC	12 V / 0.08 A DC
Bus interface	-	-	MODBUS RTU	-	MODBUS RTU	MODBUS RTU	MODBUS RTU
Integrated sensors	-	-	Proximity	-	Presence	-	-
Optional sensors	-	-	Presence, temperature	-	-	-	-
Dimensions (mm)	95 x 95	150 x 95	• 7 inch 215 x 150 • 2 inch 95 x 95	95 x 95	95 x 95	46 x 42 x 8	47 x 51 x 8
Orientation	Horizontal / vertical	Horizontal / vertical	Horizontal / vertical	-	Horizontal / vertical	-	-
Installation box (one module)	• ø 68 mm in-wall box • Swiss-standard Quickbox® • 3 x 3 inch UK standard • Other versions on request	• Kaiser 9062-02 • Swiss-standard Quickbox® 2x1 • 3 x 6 inch UK standard • Other versions on request	Kaiser 9192	• ø 68 mm in-wall box	• ø 68 mm in-wall box • Swiss-standard Quickbox® • 3 x 3 inch UK standard • Other versions on request	• ø 68 mm in-wall box • Swiss-standard Quickbox® • 3 x 3 inch UK standard • Other versions on request	• ø 68 mm in-wall box • Swiss-standard Quickbox® • 3 x 3 inch UK standard • Other versions on request

Service & Contact

A Partner You Can Trust

Individual Solutions

Every project is unique. That's why we offer customized solutions precisely tailored to your individual needs. From planning to installation, we develop customer-specific access control and room control systems that deliver a seamless combination of function and design.

-  Wide range of colors and shapes
-  Personalized design
-  Premium quality
-  Configurable functions



Your System in the Best of Hands

With MESSERSCHMITT Systems, you have a reliable partner by your side. As a one-stop shop, we handle the entire planning, production, and installation process for your multi-functional systems. Our software solutions also ensure that our technology can be seamlessly integrated into existing hotel and building infrastructures.

-  Professional installation by our team
-  Highest levels of compatibility with housekeeping, room, and building management systems
-  Direct support for implementation and maintenance



Guaranteed Quality "Made in Germany"

We believe in long-lasting quality and future-proof products and services. In that sense, you can rest assured that our solutions deliver the highest standards of excellence and reliability. As part of the ASSA ABLOY family, we also guarantee that our systems will continue to be available over the long term.

-  5-year system guarantee with full support (via maintenance contract)
-  10-year system after-sales guarantee: Long-term availability of spare parts
-  Maintenance contracts and hotline service directly from the manufacturer



Get in Touch with Us

Our Team Is at Your Service!

HEADQUARTERS

MESSERSCHMITT Systems
by ASSA ABLOY Global Solutions GmbH
Friedenstr. 3
90571 Schwaig bei Nürnberg, Germany
Tel. +49 911 91999-0
fo@messerschmitt.com

PRODUCTION

MESSERSCHMITT Systems
by ASSA ABLOY Global Solutions GmbH
Meininger Str. 33
98544 Zella-Mehlis, Germany
Tel. +49 3682 854-0

The ASSA ABLOY Group is the global leader in access solutions. Every day we help people feel safe, secure and experience a more open world.

 MESSERSCHMITT
Systems

ASSA ABLOY