Robotina d.o.o.
OIC Hrpelje 38
SI-6240 Kozina
Slovenia

1. 101 Basic comfort with Assa Abloy integration

1.1. Functionalities

Room mode	The operation of devices (HVAC, lighting, power, shades, etc.) adjusts according to the room status (vacant, rented, guest in room, etc.).	✔
Door bell	The functionality of the doorbell is integrated into the touch panels.	✔
Smart presence	Presence is detected in a non-invasive manner using an entrance door sensor and a motion sensor in the room.	✔
DND/MUR	The functionality of DND/MUR is integrated into the touch panels and is signaled on the web application at the reception or back office.	✔
SOS	The functionality of SOS call is integrated into the room touch panel and is signaled on the web application at the reception or back office.	✔
Fire alert	A sudden rise in temperature can also serve as a warning of a potential fire. The alarm is displayed on the touch panel in the room and on the web application.	✔
Power supply management	Two-tier device power management. “Booked” devices are powered on when the room is rented, while “guest” devices are powered only when the guest is in the room.	2×
Ventilation	Ventilation operates in conjunction with the bathroom lighting (with a delayed on and off) and periodically when the room is not rented.	1×
Wake-up alarm	The wake-up alarm function is integrated into the touch panel and allows for a comfortable wake-up by opening the shades and turning on preset lights.	✔
Lights	Lighting adjusts according to the room status and automatically switches to a preset scene when a guest enters the room. Manual control is enabled through switches, the touch panel, and the mobile application.	5×
Blinds	Shades adjust according to the room status and provide additional energy savings when the guest is not in the room. Manual control is enabled through switches, the touch panel, and the mobile application.	2×
Scene	Scenes allow for quick and convenient management of lights and shades through a touch panel or mobile app.	10×
HVAC	The heating and cooling system adjusts to the room's conditions to provide a high level of comfort to guests, while maximizing energy savings when the room is unoccupied or not rented out.	✔
Access management	Access control is managed using the Assa Abloy system and fully integrated into the room's automation.	✔

1.2. BOQ

Label	Description	Order code	qty/room
MC	Master controller	MC-230-W	1 ×
LC	Light controller	LC-10-IQ mk2	1 ×
FC	Fan-coil controller	FC-1-IQ	1 ×
PS	Power supply 24 VDC	PS-30-24	1 ×
TGP	Touch panel	TGP-4A-01-IQ	2 ×
QR	QR and RFID code reader	QR-FR-B	1 ×
ES	Temperaure sensor	ES-W-OW-WHITE	1 ×
MS	Motion sensor	IR-C6-LC	1 ×

Wiring diagram