

DRIVE

SIEGENIA access control systems

IO module
IO module smart

Window systems

Door systems

Comfort systems

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1 About this documentation

1.1 Read instructions

Please read these instructions carefully before you begin the assembly work. Observe the notes in Chapter 2 "Safety", in order to prevent personal injury or malfunctions.

These instructions are an integral part of the IO module/IO module smart and must be accessible to the specialist personnel at all times.

1.2 Producer

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A company of the SIEGENIA GROUP
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42551 Velbert
Tel.: +49 2051 278-0
Fax: +49 2051 278-167
E-mail: info@kfv.de




Please contact your contractual partner in case of complaints or service requirement.

1.3 Target group





This documentation is intended for use by end users.

1.4 Symbols used

The following pictograms are used in this document:

	general warning symbol
	useful information or advice
	Continue reading the instructions at the corresponding point

The following symbols for the LEDs are used in this document:

	LED off
	LED lights up
	LED flashes
	LED flashes alternatively in the indicated colours

1.5 Dimensions

All measurements are given in mm.

1.6 Other types of presentations

Below is a list of symbols used in these instructions and their meanings:

- items of text following this marker are found in lists.
- Items of text following this marker are found in subordinate lists.
- Items of text with this marking in front of them are instructions that must be followed in the specified order.

Cross reference

- () A cross reference in the flow text is enclosed by brackets.

2 Safety

2.1 Intended use

- The IO module/IO module smart serves as an interface for electromechanical locking and unlocking systems (e. g. A-opener, GENIUS A and GENIUS B/ Panic) and as a switching module for the SIEGENIA access control systems for the analogue control of third-party drives.
- The IO module/IO module smart is intended for indoor use (IP20) with a room temperature of 0°C to 45°C and is either installed in suitable flush-mounted boxes or surface mounted in approved branch boxes.
- All assembly and electrical installation work must be carried out according to our assembly instructions.
- Use the IO module/IO module smart only when it is in a technically sound condition.
- Repair of the IO module/IO module smart is not permissible. The IO module/IO module smart must be replaced in case of faults.

2.2 Improper use

- The IO module smart must not be installed in a metal casing, as this could lead to shielding of the WIFI signal.
- The IO module/IO module smart must not be used in event of air humidity > 80 %. The device is not approved for use in swimming pools and/or wet rooms. The air must not be subject to condensation.
- All work on the 230 V AC mains power supply must be carried out in compliance with the current German VDE regulations (e. g., VDE 0100) and any relevant country-specific requirements.
- All-pole safety isolation should be used when routing the network connection cable on site.
- Any modifications to the IO module are prohibited.
- Incorrect wiring can lead to destruction of the electronics.

2.3 Requirements for the target group

The following persons may only operate the product if they have understood the dangers involved in handling the product or if they are supervised during operation:

- children
- persons with diminished physical, sensory or mental capabilities
- persons with a lack of experience and knowledge

2.4 Do not modify product

WARNING

Do not modify product!

- Any modification of the IO module/ IO module and its connected electromechanical components is inadmissible.

2.5 Warning notes

DANGER

Risk of fatal injury from electric shock

Exposed electrical components

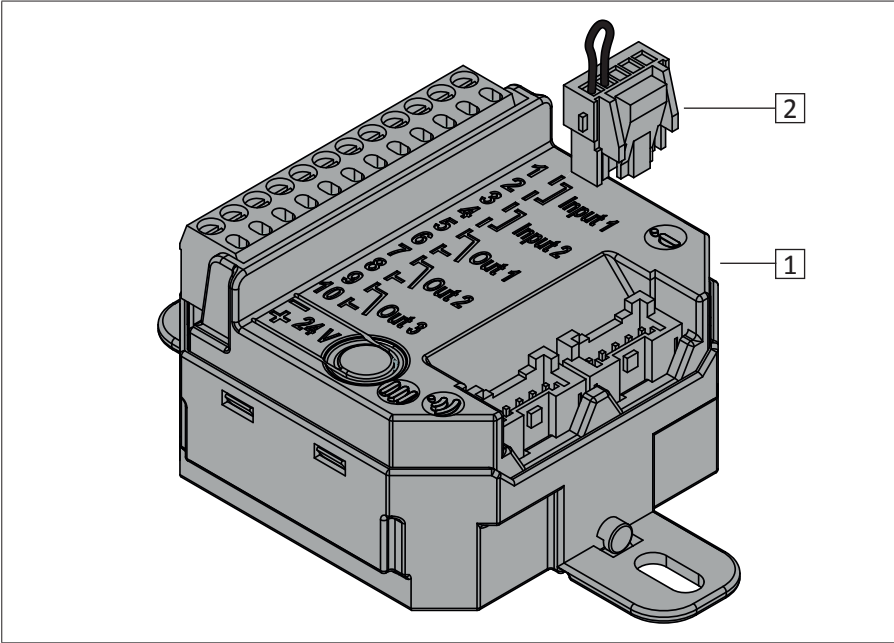
- All work on a 230 V AC mains power supply may only be performed by a qualified electrician.



If energy-carrying cables are routed in parallel to data cables (ISDN, DSL, etc.), this could lead to interference e. g. in the speed of the data transmission.

3 Product specifications

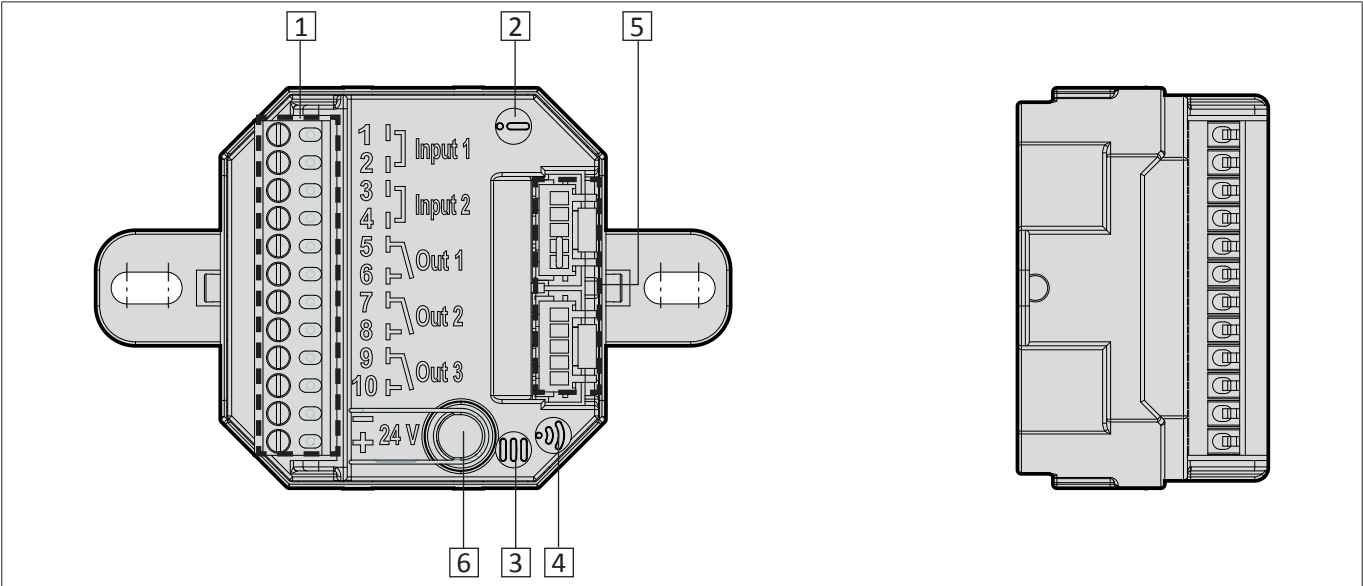
3.1 Scope of delivery



Item	Name	piece
1	IO module/IO module smart	1
2	Termination plug	1

3.2 Structure

IO module/IO module smart



Item	name
1	12-pin connection terminal strip for inputs and outputs 24 V DC
2	Status LED
3	Menu LED
4	WiFi LED (only with IO module smart) lights up blue: WIFI active flashes blue: active data exchange via WIFI
5	Connection sockets for SI-BUS connection
6	Buttons for menu navigation

3.3 Functional mode

3.3.1 IO module

- Function upgrading of the electromechanical KfV multi-point locks (slave function)
- Control of third-party drives e. g. garage door drives (master function) in combination with the SIEGENIA access control systems (abbreviation: SIEGENIA ACS)
- Three potential-free output contacts
- Two potential-free input contacts:
e. g. for intercom system, provided by customer, and for day/night switchover via clock timer
- Communication via SI-BUS
- Secure encrypted communication via AES 128 Bit
- Update option via SI-BUS*

* for online access via an internet-capable WIFI router

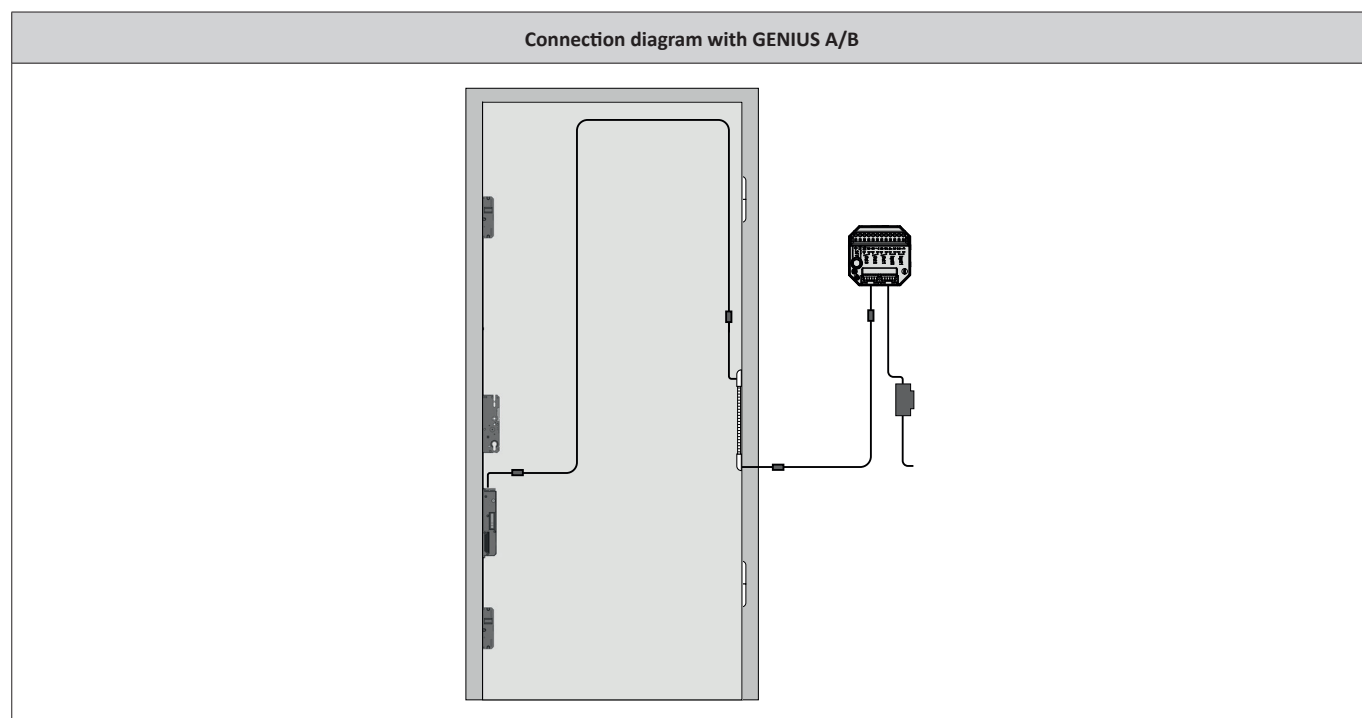
3.3.2 IO module smart

- Extension of the WIFI-capable control of electromechanical KfV multi-point locks via SIEGENIA Comfort app (available free of charge from Google Play Store or Apple App Store)
- Function upgrading of electromechanical KfV multi-point locks (slave function)
- Control of third-party drives e. g. garage door drives via SIEGENIA Comfort app (master function)
- Three potential-free output contacts
- Two potential-free input contacts:
e. g. for intercom system, provided by customer, and for day/night switchover via clock timer
- Online remote access via REMOTE access*
- Online user administration*
- Online PUSH notification*
- Communication via SI-BUS
- Secure encrypted communication via AES 128 Bit
- Update option via WIFI chip*

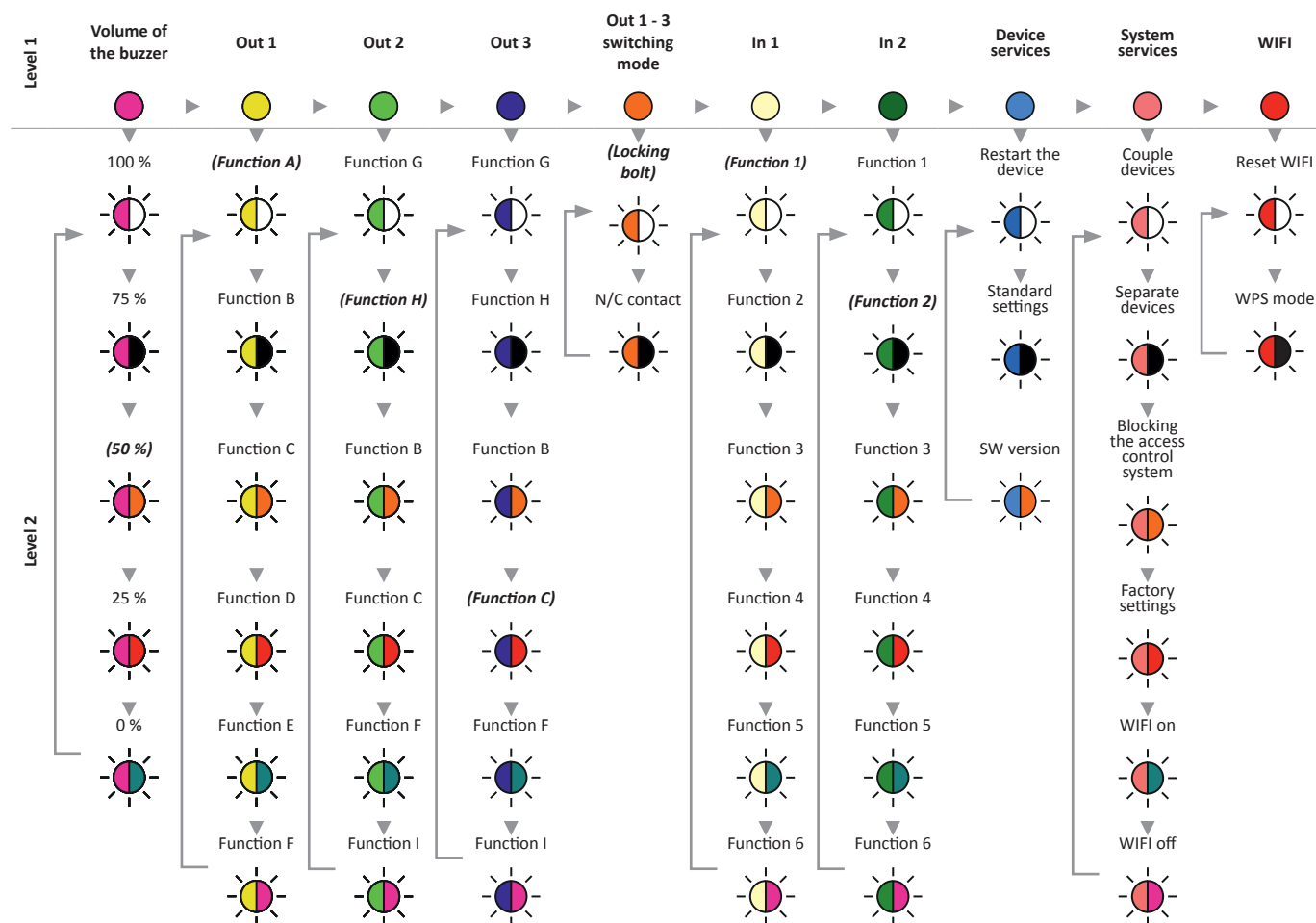
* for online access via an internet-capable WIFI router

IO module/IO module smart

3.4 Adjustable options on IO module/ IO module smart in combination with GENIUS A/B



3.4.1 Menu structure IO module/ IO module smart





Some menu items under „System services“ and „WIFI“ can only be carried with a WIFI-capable device that is integrated in the SI-BUS system (e. g. IO module smart, SIEGENIA ACS). The menu items are always visible and no error message will appear if the function cannot be carried out. The "System services" menu can be retrieved up to 10 minutes following the system start. The "WIFI" menu can be retrieved up to 5 minutes following the system start

3.4.2 Explanation of terms

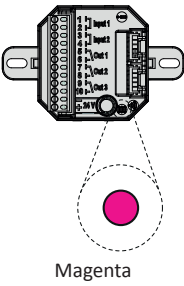





Function	Description
Door open/closed	Door sash open/closed
Locked/unlocked	The locking elements (deadbolt, bolt, hook bolt) are retracted/extended.
Day / night mode	In day mode the door is only used in latch function, the door is not locked when it is closed. This mode of operation is recommended for frequently used doors. Access without authorisation is possible in combination with an optional day latch. In night mode the door is locked automatically whenever it is closed. This mode of operation is recommended for doors with normal levels of use, e. g. in detached houses and apartments.
Latch in cylinder operated lock	The latch is drawn into the lock casing during the unlocking procedure.
open	Open = standard terminal 4: the input behaves exactly like the input at terminal 4 of the Genius. i. e. an impulse starts the opening procedure. A continuous signal permanently draws the latch into the cylinder operated lock.
Opening impulse	The permanently open signal at terminal 4 is internally treated like an impulse. i. e., although the signal is still applied at terminal 4, locking takes place and the latch is released. This corresponds to an opening impulse of 1 second at terminal 4.
Silent mode	The motor of the GENIUS runs more slowly and therefore more quietly.

3.4.3 Volume of the buzzer

The buzzer delivers the acoustic feedback of the menu navigation or in case of malfunction.

The volume for the feedback of the opening process is adjustable in five stages from 0 % to 100 %.

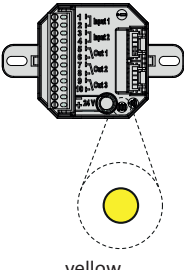






The volume for the feedback of malfunction is preset.

LED colour in level 1	Alternating LED colours in level 2	Description
	 Magenta/White	Volume: 100 %
	 Magenta/off	Volume: 75 %
	 Magenta/Orange	Volume: 50 %*
	 Magenta/Red	Volume: 25 %
	 Magenta/Turquoise	Volume: 0 %

***Bold italic**= default setting

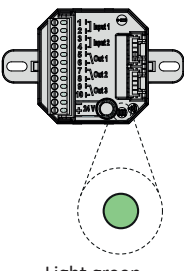






IO module/IO module smart

3.4.4 Functions switching relay Out 1

LED colour in level 1	Alternating LED colours in level 2	Function	Description
 <p>yellow</p>	 Yellow/White	A*	<i>Door closed and locked*</i>
	 Yellow/off	B	Day mode = door closed Night mode = door closed and locked
	 Yellow/Orange	C	Latch in cylinder operated lock
	 Yellow/Red	D	<ul style="list-style-type: none"> Active error (changing impulse alternating every 0.25 seconds) Latch drawn or multi-point lock is engaged in the locking or unlocking procedure (changing impulse alternating every 0.50 seconds) <ul style="list-style-type: none"> Locked (feedback inactive) Not locked (feedback active)
	 Yellow/Turquoise	E	Unlocked
	 Yellow/Violet	F	No active error

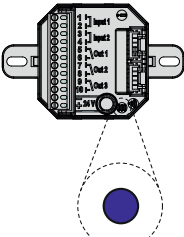





***Bold italic**= default setting

3.4.5 Functions switching relay Out 2

LED colour in level 1	Alternating LED colours in level 2	Function	Description
 <p>Light green</p>	 Light green/White	G	Unlocked
	 Light green/off	H*	<i>Door open/close*</i>
	 Light green/Orange	B	Day mode = door closed Night mode = door closed and locked
	 Light green/Red	C	Latch in cylinder operated lock
	 Light green/Turquoise	F	No active error
	 Light green/Violet	I	Voltage ON

***Bold italic**= default setting

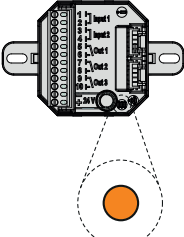


3.4.6 Functions switching relay Out 3

LED colour in level 1	Alternating LED colours in level 2	Function	Description
 Dark blue	 Dark blue/White	G	Door locked / unlocked
	 Dark blue/off	H	Door open / close
	 Dark blue/Orange	B	Day mode = door closed Night mode = door closed and locked
	 Dark blue/Red	C*	<i>Latch in cylinder operated lock*</i>
	 Dark blue/Turquoise	F	No active error
	 Dark blue/Violet	I	Voltage ON

***Bold italic**= default setting

3.4.7 Adjustment of switching mode for Out 1 to 3

The switching mode „Locking bolt“ or „Opener“ for Out 1 to 3 is configured via this menu item.

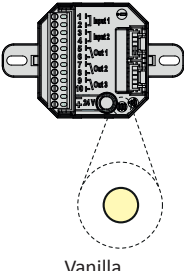






LED colour in level 1	Alternating LED colours in level 2	Command
 Orange	 Orange/White	<i>Locking bolt*</i>
	 Orange/off	N/C contact

***Bold italic**= default setting

IO module/IO module smart

3.4.8 Functions for In 1






The potential-free input contact in 1, e. g. for intercom system, provided by customer, and for day/night switch-over can be configured via clock timer.

LED colour in level 1	Alternating LED colours in level 2	Function	Description
 Vanilla	 Vanilla/White	1*	Switchover day/night mode*
	 Vanilla/off	2	open
	 Vanilla/Orange	3	Opening impulse
	 Vanilla/Red	4	Combination day/night/opening procedure impulse
	 Vanilla/Turquoise	5	Alarm feedback (sharp/fuzzy) opening impulse
	 Vanilla/Violet	6	Silent mode

***Bold italic**= factory setting

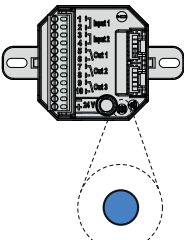


3.4.9 Functions for In 2

The potential-free input contact in 2, e. g. for intercom system, provided by customer, and for day/night switch-over can be configured via clock timer.

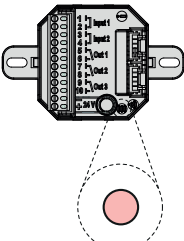






LED colour in level 1	Alternating LED colours in level 2	Function	Description
 Dark green	 Dark green/White	1	Switchover day/night mode
	 Dark green/off	2*	Open*
	 Dark green/Orange	3	Opening impulse
	 Dark green/Red	4	Combination day/night/opening procedure impulse
	 Dark green/Turquoise	5	Alarm feedback (sharp/fuzzy) opening impulse
	 Dark green/Violet	6	Silent mode

***Bold italic**= factory setting

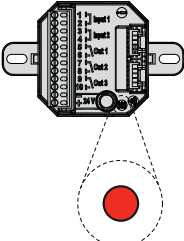


3.4.10 Device services

LED colour in level 1	Alternating LED colours in level 2	Command
 <p>Light blue</p>	 <p>Light blue/White</p>	Restart the device
	 <p>Light blue/off</p>	Reset to default settings
	<p>Light blue/Orange</p>	SW version

3.4.11 System services

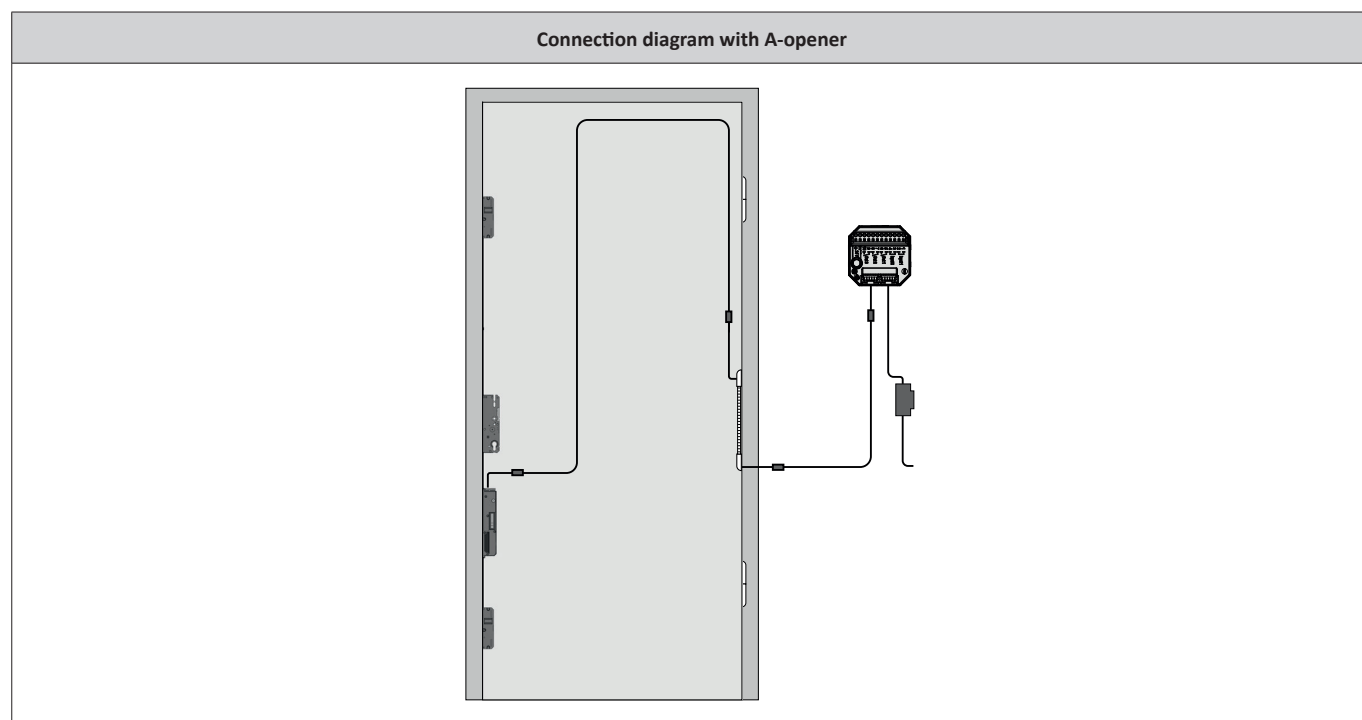
LED colour in level 1	Alternating LED colours in level 2	Command
 <p>Bright red</p>	 <p>Bright red/white</p>	Couple devices
	 <p>Light red/off</p>	Separate devices
	 <p>Light red/Orange</p>	Unblock access control unit
	 <p>Light red/Red</p>	Reset to factory settings
	 <p>Light red/Turquoise</p>	Switch on WIFI (only for IO module smart)
	 <p>Bright red/Violet</p>	Switch off WIFI (only for IO module smart)

3.4.12 WIFI (only for IO module smart)

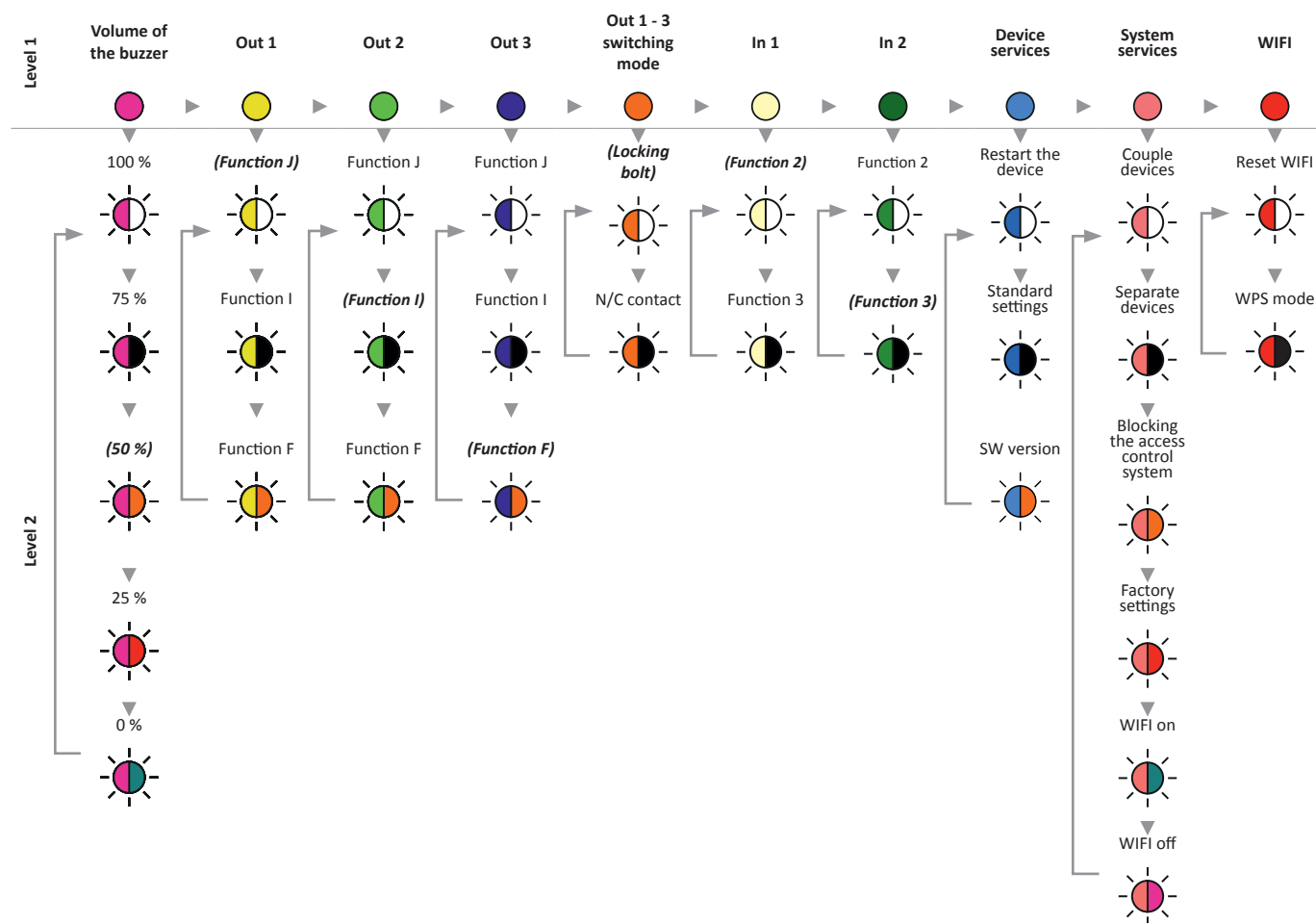
LED colour in level 1	Alternating LED colours in level 2	Command
 <p>red</p>	 <p>Red/White</p>	Reset WIFI
	 <p>Red/off</p>	WPS mode

IO module/IO module smart

3.5 Adjustable options on IO module/ IO module smart in combination with A-opener



3.5.1 Menu structure IO module/ IO module smart





Some menu items under „System services“ and „WIFI“ can only be carried with a WIFI-capable device that is integrated in the SI-BUS system (e. g. IO module smart, SIEGENIA ACS). The menu items are always visible and no error message will appear if the function cannot be carried out. The "System services" menu can be retrieved up to 10 minutes following the system start. The "WIFI" menu can be retrieved up to 5 minutes following the system start

3.5.2 Volume of the buzzer

The buzzer delivers the acoustic feedback of the menu navigation or in case of malfunction.

The volume for the feedback of the opening process is adjustable in five stages from 0 % to 100 %.

The volume for the feedback of malfunction is preset.

LED colour in level 1	Alternating LED colours in level 2	Description
 Magenta	Magenta/White	Volume: 100 %
	Magenta/off	Volume: 75 %
	Magenta/Orange	Volume: 50 %*
	Magenta/Red	Volume: 25 %
	Magenta/Turquoise	Volume: 0 %

***Bold italic**= default setting

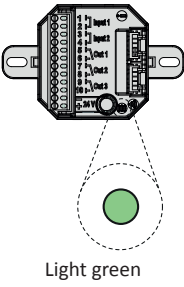



3.5.3 Functions switching relay Out 1

LED colour in level 1	Alternating LED colours in level 2	Function	Description
 yellow	Yellow/White	J*	Opening query*
	Yellow/off	I	Voltage ON
	Yellow/Orange	F	No active error

***Bold italic**= default setting

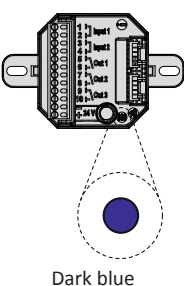



IO module/IO module smart

3.5.4 Functions switching relay Out 2

LED colour in level 1	Alternating LED colours in level 2	Function	Description
 Light green	 Light green/White	J	Opening query
	 Light green/off	<i>I*</i>	Voltage ON*
	 Light green/Orange	F	No active error

***Bold italic**= default setting

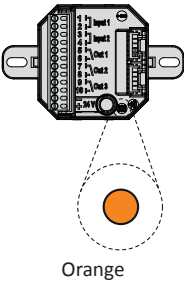


3.5.5 Functions switching relay Out 3

LED colour in level 1	Alternating LED colours in level 2	Function	Description
 Dark blue	 Dark blue/White	J	Opening query
	 Dark blue/off	I	Voltage ON
	 Dark blue/Orange	<i>F*</i>	No active error*

***Bold italic**= default setting

3.5.6 Adjustment of switching mode for Out 1 to 3

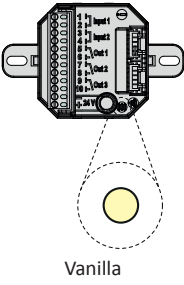


The switching mode „Locking bolt“ or „Opener“ for Out 1 to 3 is configured via this menu item.

LED colour in level 1	Alternating LED colours in level 2	Command
 Orange	 Orange/White	Locking bolt*
	 Orange/off	N/C contact

***Bold italic**= default setting

3.5.7 Functions for In 1

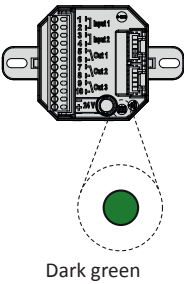


The potential-free input contact in 1, e. g. for intercom system, provided by customer, and for day/night switch-over can be configured via clock timer.

LED colour in level 1	Alternating LED colours in level 2	Function	Description
 Vanilla	 Vanilla/White	2*	<i>Open*</i>
	 Vanilla/off	3	Opening impulse

***Bold italic**= factory setting

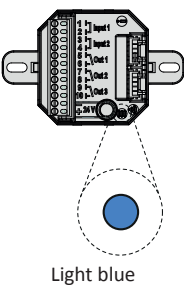



3.5.8 Functions for In 2

The potential-free input contact in 2, e. g. for intercom system, provided by customer, and for day/night switch-over can be configured via clock timer.

LED colour in level 1	Alternating LED colours in level 2	Function	Description
 Dark green	 Dark green/White	2	open
	 Dark green/off	3*	<i>Opening impulse*</i>

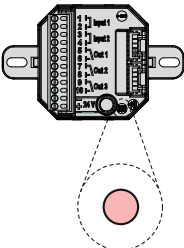






***Bold italic**= factory setting

3.5.9 Device services

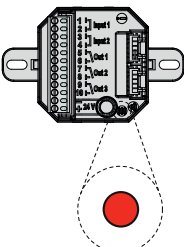


LED colour in level 1	Alternating LED colours in level 2	Command
 Light blue	 Light blue/White	Restart the device
	 Light blue/off	Reset to default settings
	 Light blue/Orange	SW version

IO module/IO module smart

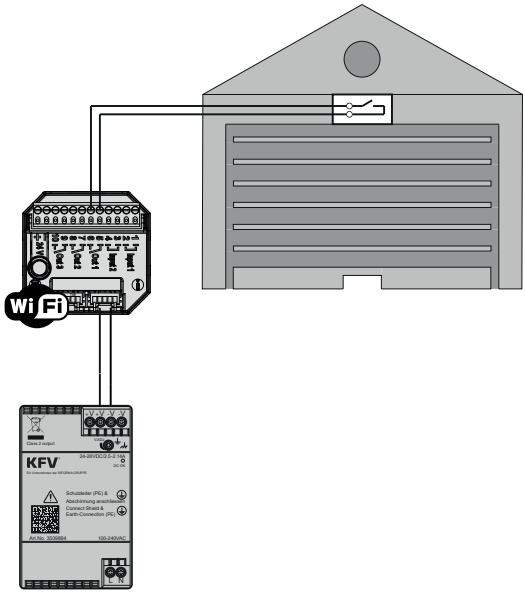
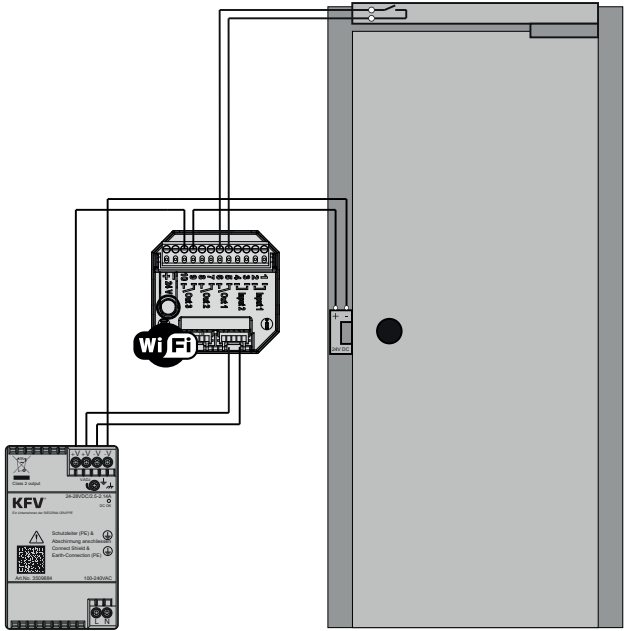
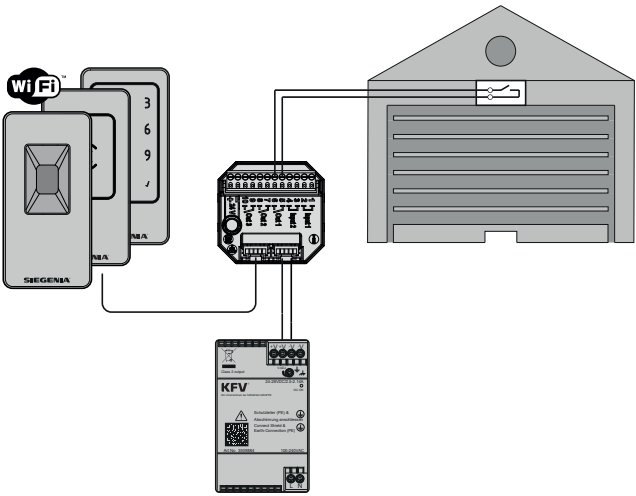
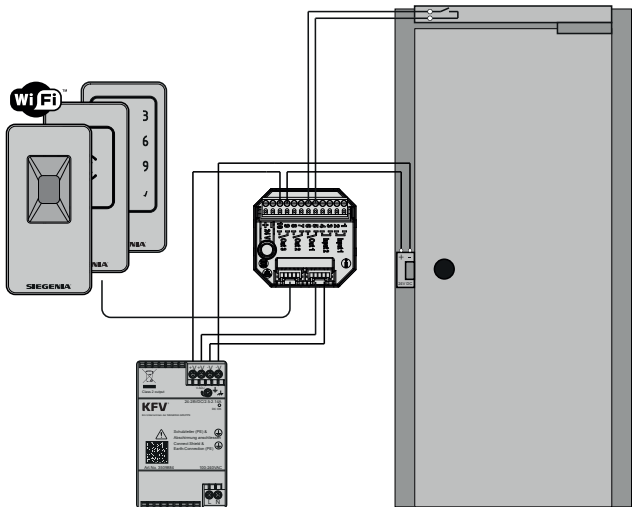
3.5.10 System services

LED colour in level 1	Alternating LED colours in level 2	Command
 <p>Bright red</p>	 <p>Bright red/white</p>	Couple devices
	 <p>Light red/off</p>	Separate devices
	 <p>Light red/Orange</p>	Unblock access control unit
	 <p>Light red/Red</p>	Reset to factory settings
	 <p>Light red/Turquoise</p>	Switch on WIFI (only for IO module smart)
	 <p>Bright red/Violet</p>	Switch off WIFI (only for IO module smart)

3.5.11 WIFI (only for IO module smart)

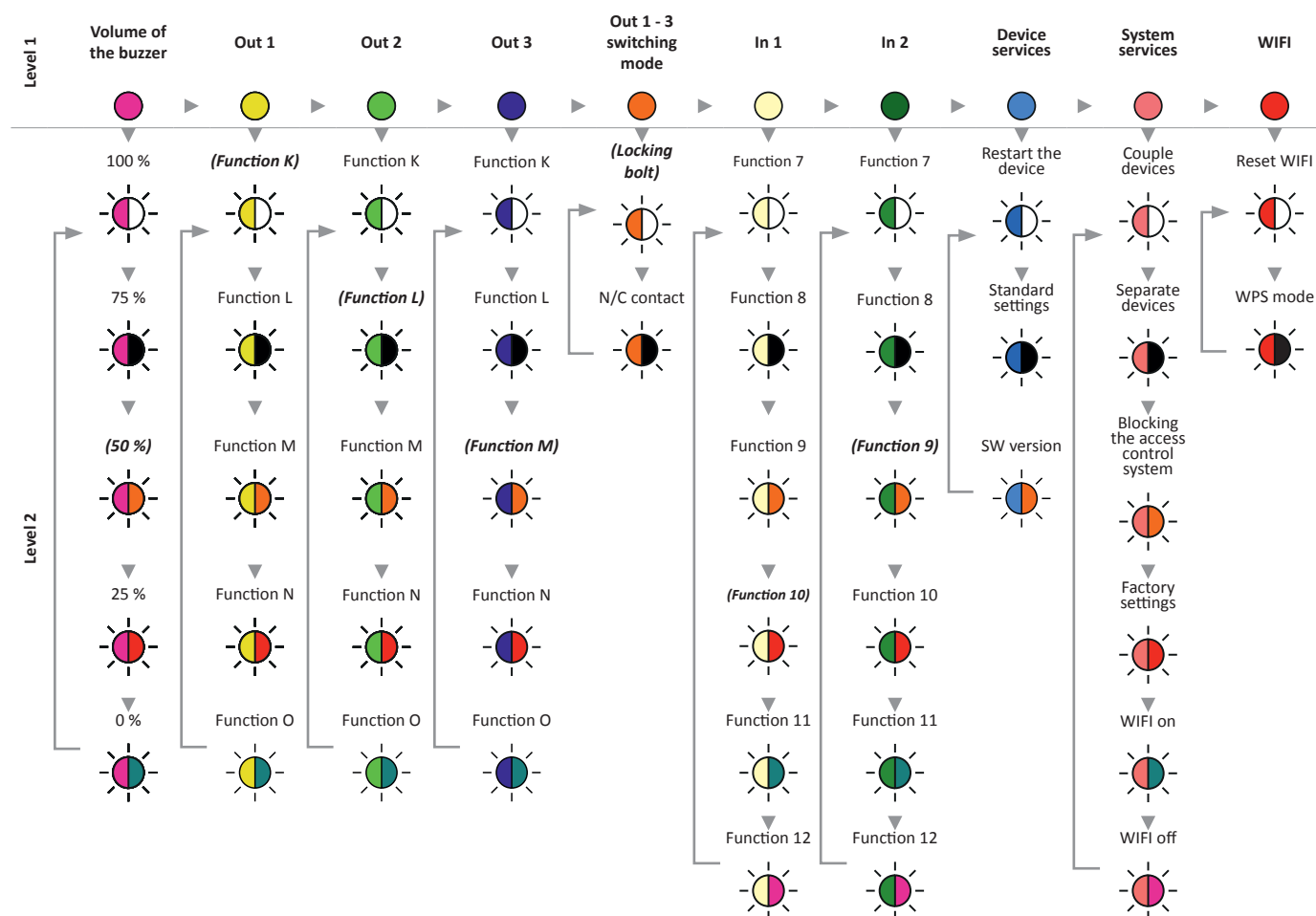
LED colour in level 1	Alternating LED colours in level 2	Command
 <p>red</p>	 <p>Red/White</p>	Reset WIFI
	 <p>Red/off</p>	WPS mode

3.6 Adjustable options on IO module/ IO module smart in combination with third-party systems

Connection diagram IO module smart with garage door drive	Connection diagram IO module smart with motorised door drive
	
Connection diagram IO module with ACS and garage door drive	Connection diagram IO module with ACS and motorised door drive
	

IO module/IO module smart

3.6.1 Menu structure IO module/ IO module smart

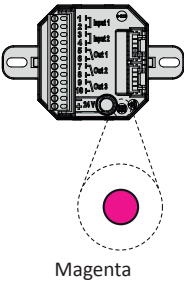







3.6.2 Volume of the buzzer

The buzzer delivers the acoustic feedback of the menu navigation or in case of malfunction.

The volume for the feedback of the opening process is adjustable in five stages from 0 % to 100 %.

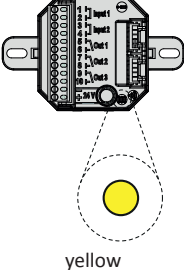





The volume for the feedback of malfunction is preset.

LED colour in level 1	Alternating LED colours in level 2	Description
	 Magenta/White	Volume: 100 %
	 Magenta/off	Volume: 75 %
	 Magenta/Orange	Volume: 50 %*
	 Magenta/Red	Volume: 25 %
	 Magenta/Turquoise	Volume: 0 %

***Bold italic**= default setting

3.6.3 Functions switching relay Out 1

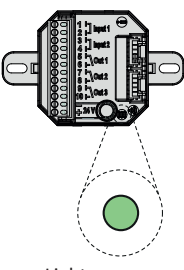





The relay Out 1 switches when IN 1 or IN 2 receive an impulse (e. g. from a button etc.).

LED colour in level 1	Alternating LED colours in level 2	Function	Description
	 Yellow/White	<i>K*</i>	<i>Switches for 1 second*</i>
	 Yellow/off	L	Switches for 3 seconds
	 Yellow/Orange	M	Switches for 6 seconds
	 Yellow/Red	N	Always open
	 Yellow/Turquoise	O	Deactivated

**Bold italic*= default setting

3.6.4 Functions switching relay Out 2

The relay Out 2 switches when IN 1 or IN 2 receive an impulse (e. g. from a button etc.).

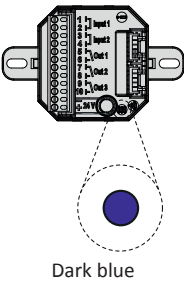





LED colour in level 1	Alternating LED colours in level 2	Function	Description
	 Light green/White	K	Switches for 1 second
	 Light green/off	<i>L*</i>	<i>Switches for 3 seconds*</i>
	 Light green/Orange	M	Switches for 6 seconds
	 Light green/Red	N	Always open
	 Light green/Turquoise	O	Deactivated

**Bold italic*= default setting

IO module/IO module smart

3.6.5 Functions switching relay Out 3

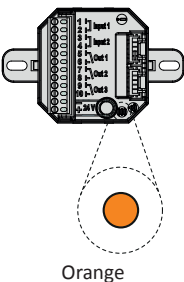


The relay Out 3 switches when IN 1 or IN 2 receive an impulse (e. g. from a button etc.).

LED colour in level 1	Alternating LED colours in level 2	Function	Description
 Dark blue	 Dark blue/White	K	Switches for 1 second
	 Dark blue/off	L	Switches for 3 seconds
	 Dark blue/Orange	<i>M*</i>	<i>Switches for 6 seconds*</i>
	 Dark blue/Red	N	Always open
	 Dark blue/Turquoise	O	Deactivated

****Bold italic***= default setting

3.6.6 Adjustment of switching mode for Out 1 to 3

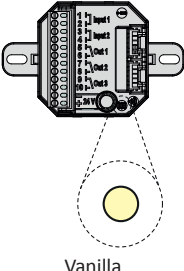






The switching mode „Locking bolt“ or „Opener“ for Out 1 to 3 is configured via this menu item.

LED colour in level 1	Alternating LED colours in level 2	Command
 Orange	 Orange/White	<i>Locking bolt*</i>
	 Orange/off	N/C contact

****Bold italic***= default setting

3.6.7 Functions for In 1

The input IN 1 receives an impulse (e. g. a button) to switch OUT 1 to 3).

LED colour in level 1	Alternating LED colours in level 2	Function	Description
 Vanilla	 Vanilla/White	7	Switches OUT 1
	 Vanilla/off	8	Switches OUT 2
	 Vanilla/Orange	9	Switches OUT 3
	 Vanilla/Red	10*	Switches OUT 1+2*
	 Vanilla/Turquoise	11	Switches OUT 2+3
	 Vanilla/Violet	12	Switches OUT 1+2+3

***Bold italic**= factory setting

3.6.8 Functions for In 2

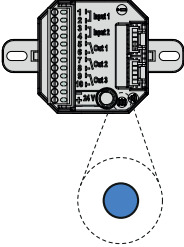



The input IN 2 receives an impulse (e. g. a button) to switch OUT 1 to 3

LED colour in level 1	Alternating LED colours in level 2	Function	Description
 Dark green	 Dark green/White	7	Switches OUT 1
	 Dark green/off	8	Switches OUT 2
	 Dark green/Orange	9*	Switches OUT 3*
	 Dark green/Red	10	Switches OUT 1+2
	 Dark green/Turquoise	11	Switches OUT 2+3
	 Dark green/Violet	12	Switches OUT 1+2+3

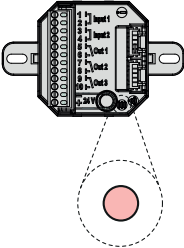






***Bold italic**= factory setting

IO module/IO module smart

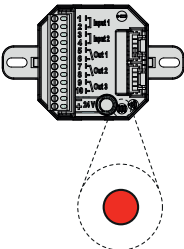


3.6.9 Device services

LED colour in level 1	Alternating LED colours in level 2	Command
 <p>Light blue</p>	 Light blue/White	Restart the device
	 Light blue/off	Reset to default settings
	 Light blue/Orange	SW version

3.6.10 System services

LED colour in level 1	Alternating LED colours in level 2	Command
 <p>Bright red</p>	 Bright red/white	Couple devices
	 Light red/off	Separate devices
	 Light red/Orange	Unblock access control unit
	 Light red/Red	Reset to factory settings
	 Light red/Turquoise	Switch on WIFI (only for IO module smart)
	 Bright red/Violet	Switch off WIFI (only for IO module smart)

3.6.11 WIFI (only for IO module smart)

LED colour in level 1	Alternating LED colours in level 2	Command
 <p>red</p>	 Red/White	Reset WIFI
	 Red/off	WPS mode

3.7 Technical specifications

3.7.1 IO module

name	Data
Supply voltage	19 V DC to 32 V DC
Power consumption	1.2 W
Protection class	III
Protection type	IP20 (with connected plug)
Operating temperature range	0° C to 45° C
Switching current output max.	< 1000 mA
Switching voltage output	24 V DC

3.7.2 IO module smart

name	Data
WIFI radio frequency (optional)	802.11 b/g/n, 2.4 GHz, 150Mbps
Supply voltage	19 V DC to 32 V DC
Power consumption	1.2 W
Protection class	III
Protection type	IP20 (with connected plug)
Operating temperature range	0° C to 45° C
Switching current output max.	< 1000 mA
Switching voltage output	24 V DC

3.8 Accessories

3.8.1 Spare parts

name	Order number	Short text
Termination plug	3513133	ZEM SE400--SB-----TS

4 Commissioning

4.1 Installation of SIEGENIA Comfort app

- Install the SIEGENIA Comfort app on your mobile device (e. g. smartphone or tablet). You will find the SIEGENIA Comfort App as a free download in your app store:



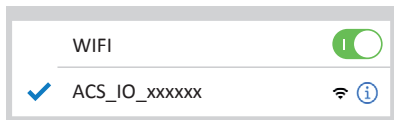
due to the wide range of available mobile devices, we cannot guarantee that the SIEGENIA Comfort app will function fully on all smartphones and tablets.

You will find notes on compatibility under

www.siegenia.com/qr/comfort-app/faq

4.2 Integration of IO module smart in the home WIFI

- Open mobile device »settings«.
- Select the coupled IO module smart as active WIFI network.

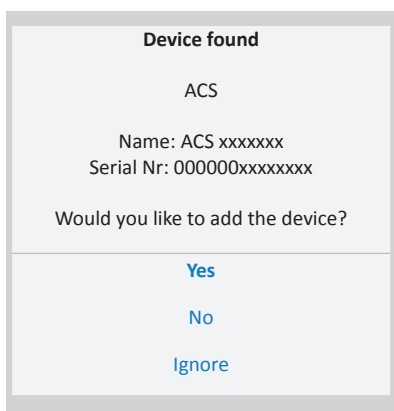


The mobile device connects itself automatically to the WIFI of the coupled IO module smart.

- Open SIEGENIA Comfort app



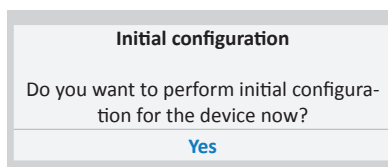
- When you open the device, the following selection field appears



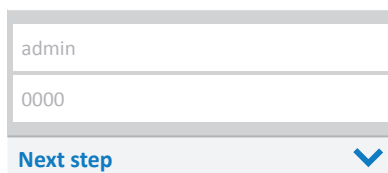
- Add device »Yes«
- Select IO module smart »ACS XXXXXX«



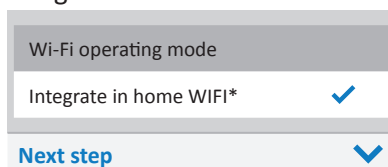
- Perform initial configuration »Yes«



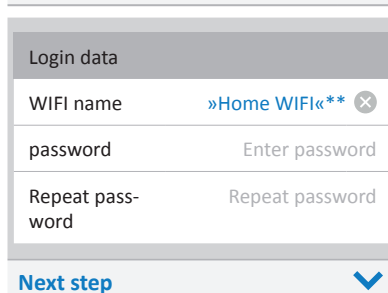
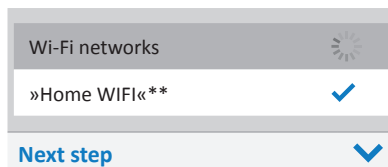
- Enter user **admin**, enter password **0000**.



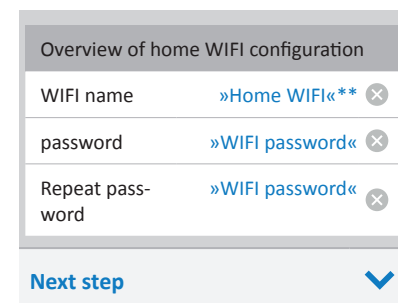
Integrate in home WIFI*.



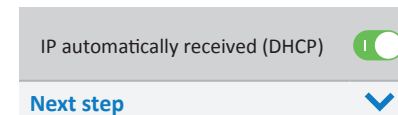
- Select »Home WIFI«*



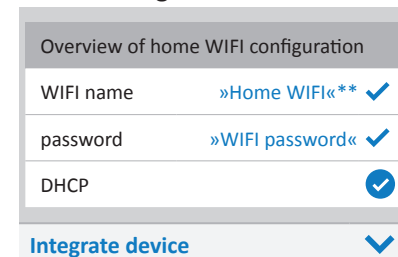
- Enter and confirm password for »Home WIFI«*.



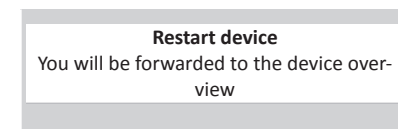
- Activate DHCP.



- Check configuration overview.



- Confirm with »OK«.



- Open mobile device »settings«.
- Activate your »Home WIFI« as WIFI network in the settings on your mobile device.

- Open SIEGENIA Comfort app.



- Select IO module smart »ACS
XXXXXX«.



- Enter user **admin**, enter password **0000** and confirm with »OK«

* The term „Home WIFI“ serves as a placeholder for your own WIFI network. The name of your WIFI network should, however, appear at this point.

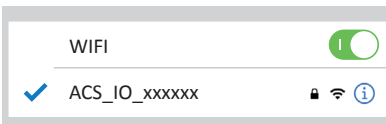
4.3 IO module in standalone mode



In "Standalone operation" means the device itself provides a WIFI network. This mode should only be selected if there is no WIFI network within reach that can be used to integrate the device.

For further information, see FAQ: <https://smarthome.siegenia.com>

- Open mobile device »settings«.
- Select the coupled IO module smart as active WIFI network.

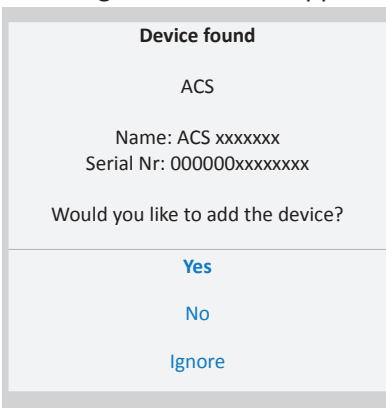


The mobile device connects itself automatically to the WIFI of the coupled IO module smart.

- Open SIEGENIA Comfort app



- When you open the device, the following selection field appears



- Add device »Yes«

- Select IO module smart »ACS
XXXXXX«



- Perform initial configuration
»Yes«

- Enter user **admin**, enter password **0000**.

- Select standalone mode.

- Assign new password.

- Check configuration overview.

- Confirm with »OK«.

- Open mobile device »settings«.
- Activate »IO module smart« as WIFI network and enter password in the settings on your mobile device.

- Open SIEGENIA Comfort app.



- Select IO module smart »ACS
XXXXXX«.



- Enter user **admin**, enter password **0000** and confirm with »OK«

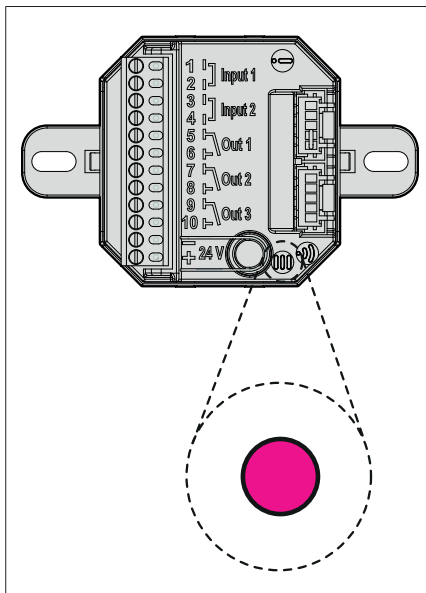
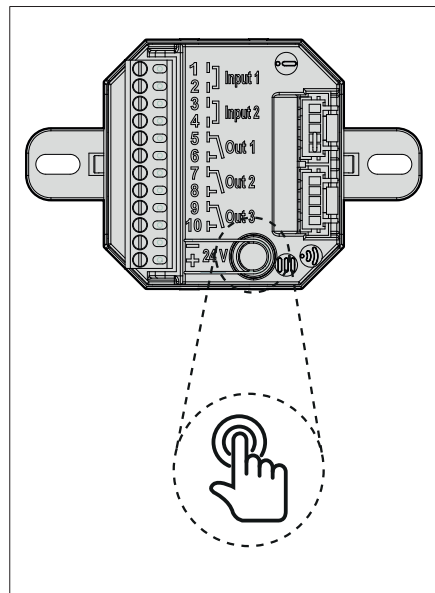
IO module/IO module smart

5 Operation

5.1 Performing the adjustments on IO module/ IO module smart



The operation of the IO module/IO module smart is dependent on the correct wiring and coupling of the components. For this purpose, refer to the assembly instructions of the IO module/IO module smart.

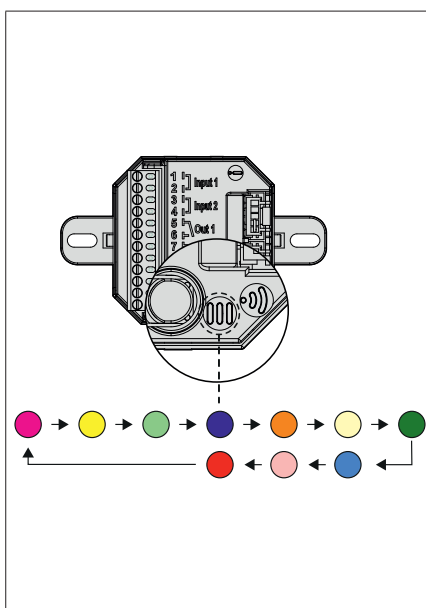
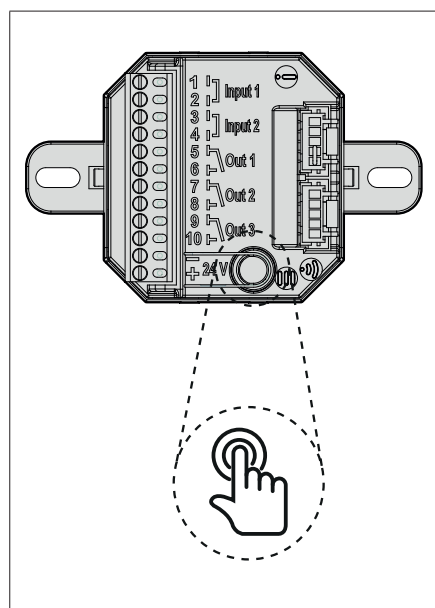


- If the LEDs of the IO module have already lit up, press the button briefly to change to level 1 in the menu items (see page 8).

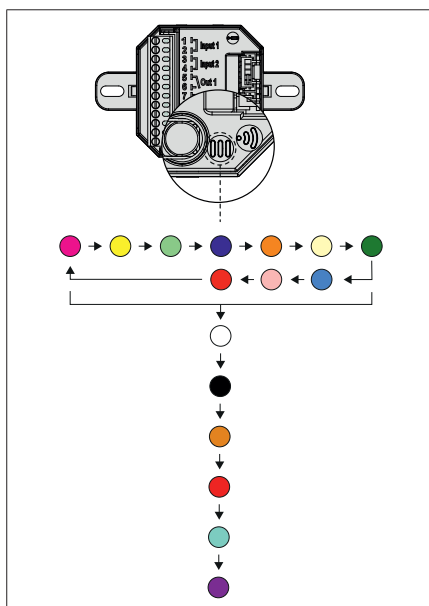
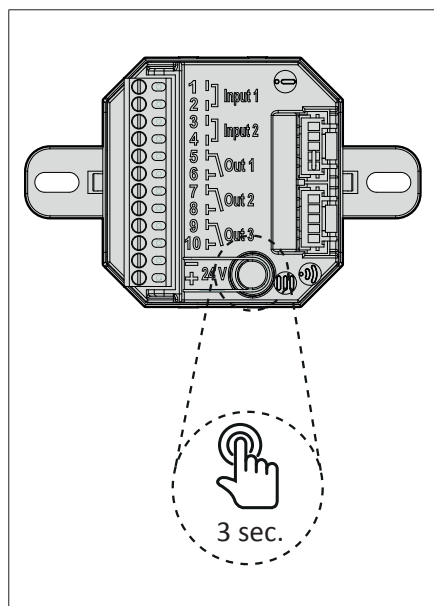


The LEDs switch off automatically after approx. 2 minutes if no further input on the IO module follows.

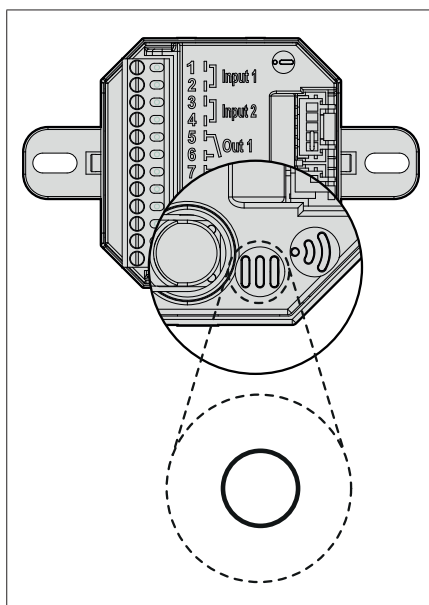
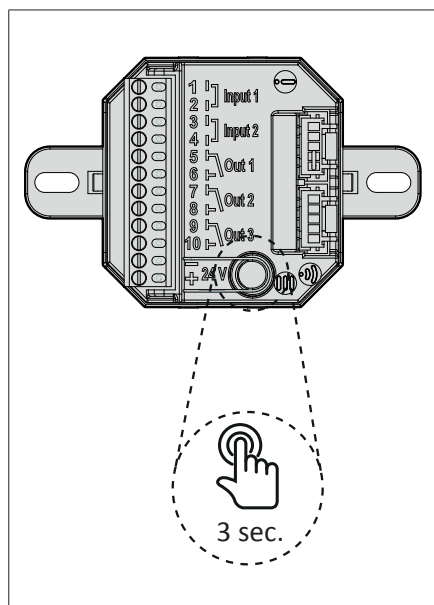
- If the LEDs on the IO module are switched off, press the button briefly to switch on the LEDs.
- The LED lights up magenta.
- You are in the level 1 menu (see page 8).



- Press the button briefly a few times in succession to retrieve further level 1 menu items.
- Every press of a button is acknowledged by an acoustic signal.
- According to the menu item, another LED colour is displayed (see page 8)

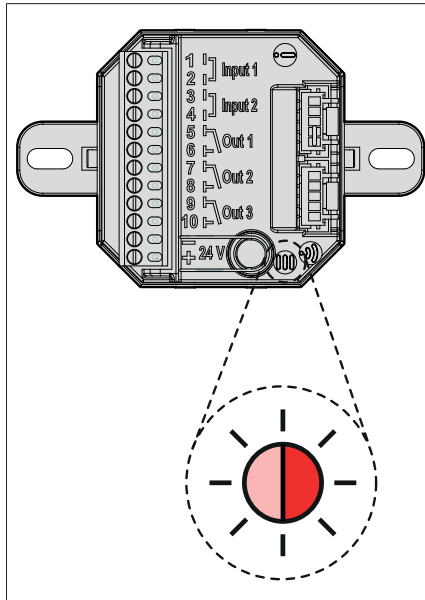
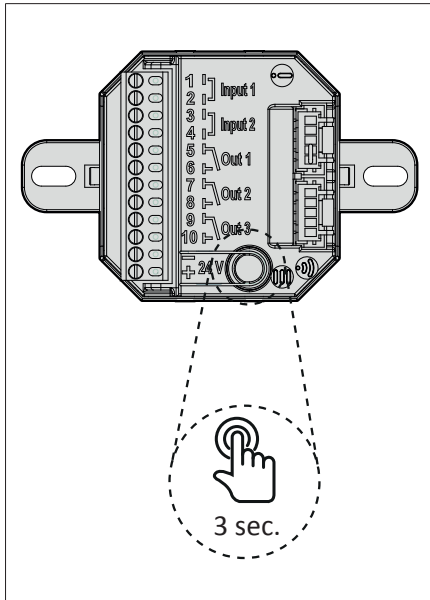
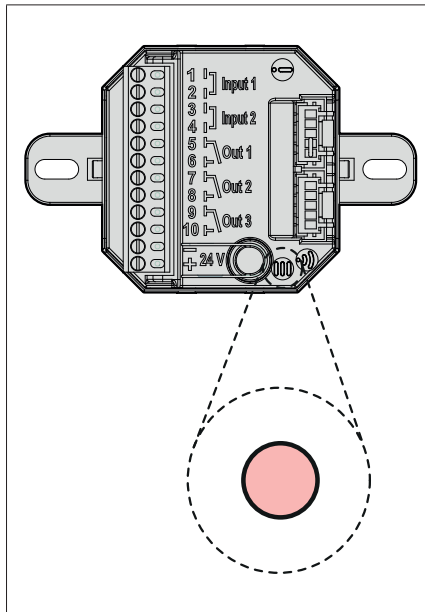
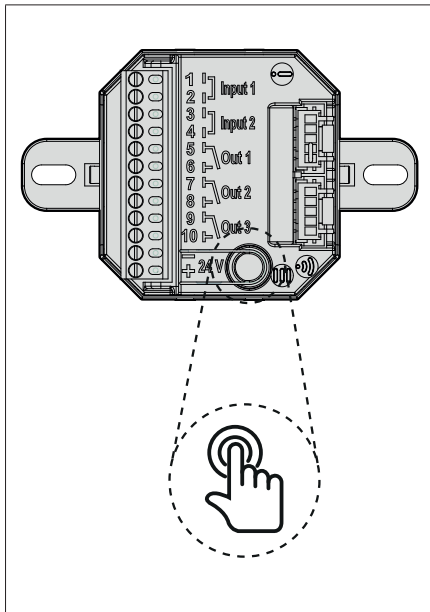


- ▶ Hold down the menu button 3 seconds to select a level 2 menu item.
- ▶ An acoustic signal sounds as acknowledgement.
- ▶ The selected function in level 2 is indicated by colour alternating flashing.
- ▶ An acoustic signal sounds as acknowledgement.

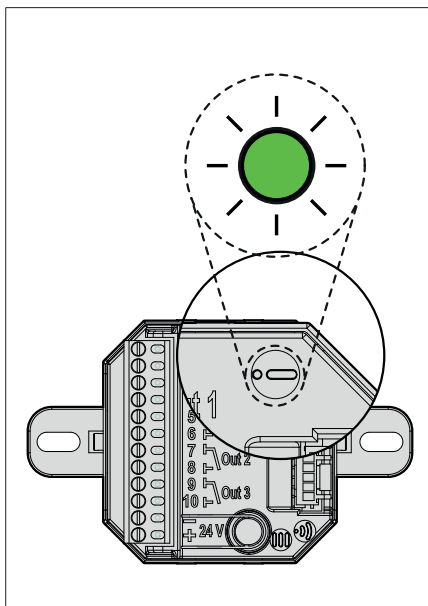
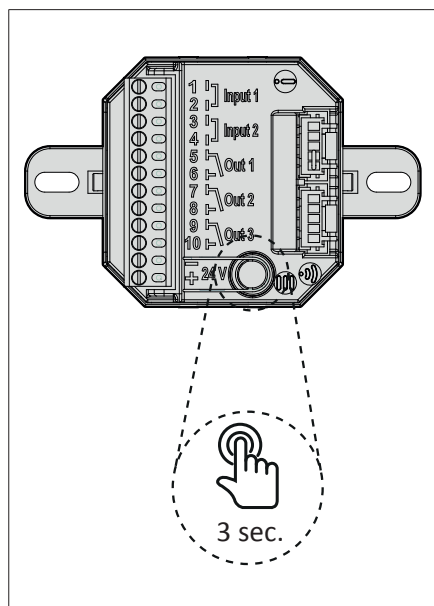


- ▶ Hold down the button again for 3 seconds to save the setting or to exit the menu.
- ▶ An acoustic signal sounds as acknowledgement.
- ▶ The function is set.


5.2 Resetting to the factory setting




- ▶ Press the button few times in succession until the LED lights up light red.
- ▶ Every press of a button is acknowledged by an acoustic signal.
- ▶ According to the menu item, another LED colour is displayed (see page 8)
- ▶ Hold down the menu button 3 seconds to select the level 2.
- ▶ An acoustic signal sounds as acknowledgement.
- ▶ The selected function in level 2 is indicated by colour alternating flashing.
- ▶ Select the colours Light red/Red to reset the IO module / IO module smart to reset the device to the factory settings
- ▶ An acoustic signal sounds as acknowledgement.



- ▶ Hold down the button again for 3 seconds to save the setting or to exit the menu.
- ▶ An acoustic signal sounds as acknowledgement.
- ▶ The status LED flashes green.
- ▶ The IO module/ IO module smart has been reset to the factory settings.

 If the status LED flashes red, the IO module/ IO module smart has not been reset to the factory settings.

 When the IO module has been reset to the factory settings, the WIFI function is first available again after 2 minutes.

6 Maintenance

Never use cleaning agents that are aggressive or contain solvents. This could damage the surfaces of the components.

7 Troubleshooting

In case of a malfunction, do not open the unit or try to repair it under any circumstances.

Note: you will find detailed information on how to rectify malfunctions on the SIEGENIA Smarthome Internet page:

<https://smarthome.siegenia.com>



If the Internet page does not describe the problem, please contact your installation company or SIEGENIA directly:
Tel. +49 271 3931-0.

8 Disposal



Electrical devices should not be disposed of as household waste. Bring the device, accessories and packaging to an environmentally-friendly recycling facility.

9 EU Declaration of Conformity with regard to CE marking

For our product IO module/IO module smart, we confirm that the general safety of the defined product, in accordance with Directive 2001/95/EC, is compliant with the general product safety and relevant protection requirements which are laid down in the Council Directives about electrical and electronic products.

The following listed test standards, which are harmonised in the relevant directives, have been employed for the evaluation:

- a) 2014/30/EU EMC Directive
 - EN 301 489-1 V1.9.2
 - EN 301 489-17 V2.2.1
 - EN 61000-3-2:2014
 - EN 61000-3-3:2013
 - EN 61000-6-1:2007
 - EN 61000-6-2:2005 (Part)
 - EN 61000-6-3:2007+A1:2011
- b) 2014/35/EU Low Voltage Directive
 - DIN EN 60730-1:2012-10
- c) 2011/65/EU RoHs

This declaration is responsible for the producers / importers based in the European Union submitted by:

KFV Karl Fliether GmbH & Co. KG
Siemensstr. 10
42551 Velbert, Germany

Velbert, 2020-03-03



Uwe Ziewers
(Werkleitung)

10 Declaration of Conformity for UKCA Marking

For our product **IO-Modul/IO-Modul smart** we confirm that the general safety of the defined product, in accordance with the General Product Safety Regulations, is compliant with the general product safety and relevant protection requirements which are laid down in the statutory instruments about electrical and electronic products. The following listed test standards (designated standards) covered by the following statutory instruments have been employed for the evaluation:

- a) Electromagnetic Compatibility Regulations (2016)
 - EN 301 489-1 V1.9.2
 - EN 301 489-17 V2.2.1
 - EN 61000-3-2:2014
 - EN 61000-3-3:2013
 - EN 61000-6-1:2007
 - EN 61000-6-2:2005 (part)
 - EN 61000-6-3:2007+A1:2011
- b) Electrical Equipment (Safety) Regulations (2016)
 - EN 60730-1:2011
- c) Regulations: restriction of hazardous substances (RoHS- 2012)

For the manufacturer established in the European Union, this declaration is made in the UK under the responsibility of:

SIEGENIA-AUBI Ltd.

Richardson Way · Cross Point

Coventry CV2 2TA

Coventry, 2021-05-10



Ryan Thompson
(Business and Sales Manager UK Ltd)

www.siegenia.com



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