


## ekey fingerprint scanners

Door set solutions for industry + trade



” *After hundreds of years of service, the key has served its time – now you literally have the future in your hands!* “

  
Dr. Leopold Gallner  
CEO, ekey biometric systems GmbH



# Turn your house into a truly smart home with ekey

A fingerprint system combines design, convenience, and security.

## Good reasons to choose an ekey fingerprint scanner:



### UNRIVALED CONVENIENCE

Impossible to lock yourself out, as your finger is always on hand!



### MAXIMUM SECURITY

- No lost or stolen keys!
- Maximum protection against forgery thanks to live finger detection with RF sensor technology!
- Impossible for access authorization to be passed on (with a card, code, or key, for example)!
- 1,000 times more secure than a 4-digit code!



### USER-FRIENDLY

Easy installation and administration!



### INTELLIGENT SOFTWARE

The ekey software is constantly learning – it can detect the growth of children's fingers as well as minor injuries and changes to users' habits.



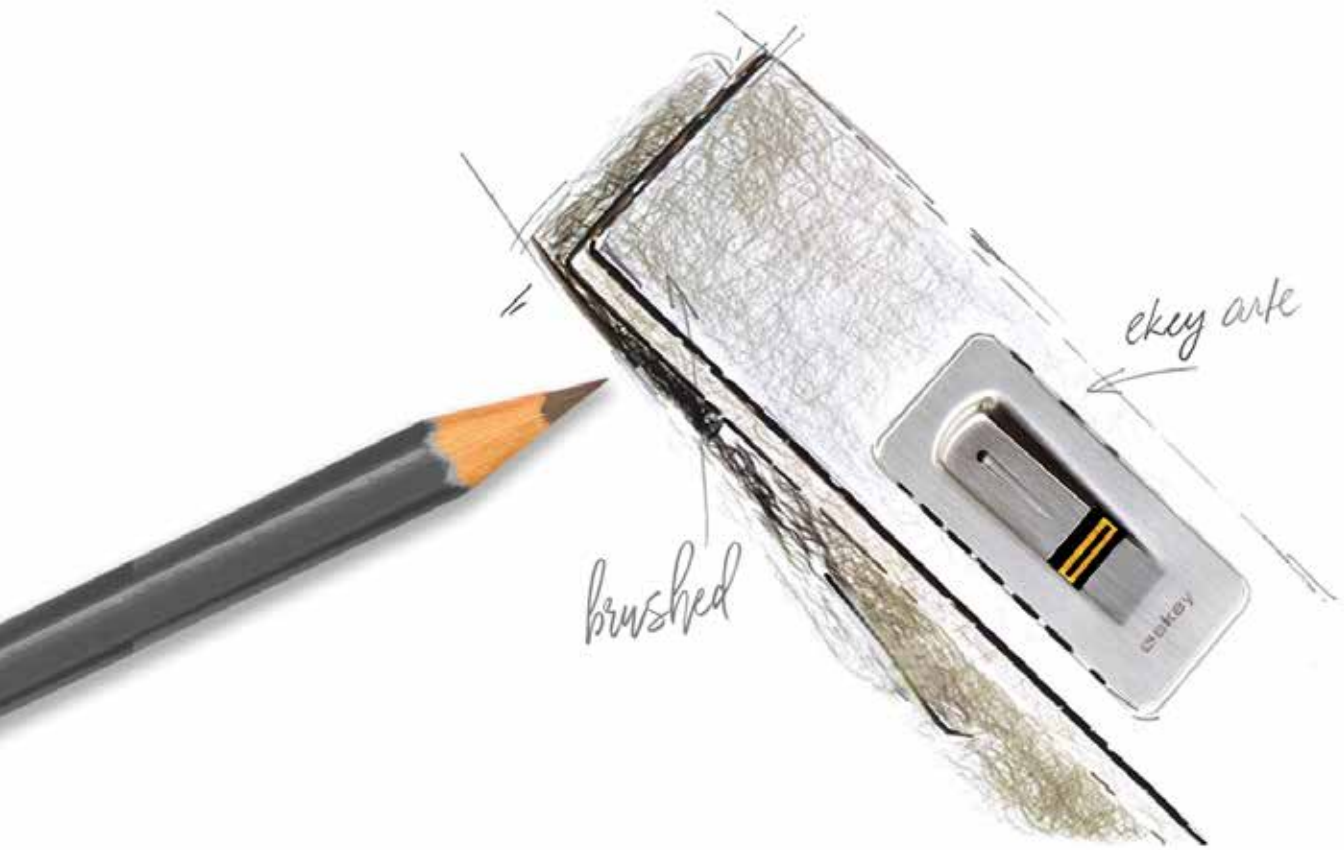
### CONNECTION TO BUILDING CONTROL SYSTEMS

Customized scenarios can be triggered using the ekey fingerprint access control system.



### 5-YEAR QUALITY GUARANTEE

For all ekey products!



ekey

Because innovation is paramount!

# Europe's No. 1 for fingerprint access solutions

As a manufacturer and developer, ekey covers the whole spectrum.

More than one million satisfied customers are the best possible recommendation for our products! Both private households and leading companies, along with organizations such as fire and rescue services, have been putting their trust in the ekey fingerprint scanner for many years.



ekey was founded in 2002 and is now Europe's No. 1 for fingerprint access solutions. ekey puts authorization into the customer's hands! Keys, cards, codes, etc. can be lost, forgotten, or stolen. "Your finger is always on hand!" ekey's wide range of products includes access solutions for doors, gates, alarm systems, and time recording.

The international company currently has over 90 employees at its 5 locations in Austria, Germany, Liechtenstein/Switzerland, Italy, and Slovenia, and exports its products to over 70 countries, which makes up 73% of its business. ekey's main sales markets include Spain and the USA, in addition to Austria, Germany, Switzerland, Slovenia, and Italy.

## QUALITY

All ekey products undergo a rigorous endurance test before they reach the market. The test involves intensive simulations of blazing heat, biting cold, and high humidity; each fingerprint scanner, along with all of its components, is subjected to these conditions countless times before reaching the customer.

Our formula for quality consists of the highest standards of functionality, reliability, and security, which are refined through extensive testing.

Quality-tested products from ekey – you can count on us!

## CERTIFIED QUALITY MADE IN AUSTRIA:

- Extensive production, manufacturing, and functional testing (zero tolerance)
- Testing for environmental and temperature resistance
- Vibration and shock-tested
- Tested for penetration of water and mechanical parts
- Quality management system in accordance with EN ISO 9001:2015
- CE-compliant



## arte

With its compact design, the ekey arte is ideal for flush installation in door leaves, door handles, and fittings.



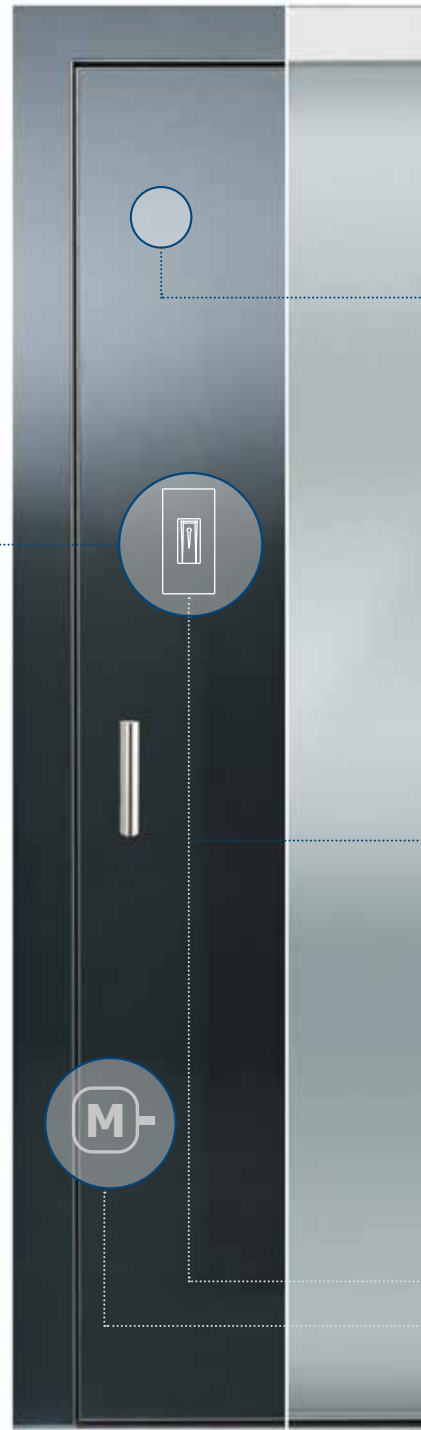
## integra

Due to its slim installation depth, the finger scanner integra is the ideal solution for integration in and next to doors.



## keypad integra

The ekey code pad – an alternative to the fingerprint scanner or the perfect complement.



## ekey home app

Intuitive operation makes administration incredibly easy. More information is available on page 19.

The ekey home app is only compatible with the finger scanners arte and integra.

So many possibilities  
ekey solutions couldn't be easier to use.



## VERSATILITY

Plastic, aluminum, or timber – ekey is the perfect match for all doors and materials.

## EASY INSTALLATION

ekey fingerprint scanner systems are designed to ensure quick and easy installation.

## PLUG & PLAY SYSTEM

Plug-in wiring solution for all major lock manufacturers and cable transfers.

## SIMPLE MAINTENANCE

Optimal positioning of the elements ensures easy accessibility.



- Unique identification
- Highly innovative technology
- Person-specific configuration
- Access control
- Energy saving
- Accessibility



App operation  
video



Mounting  
instructions

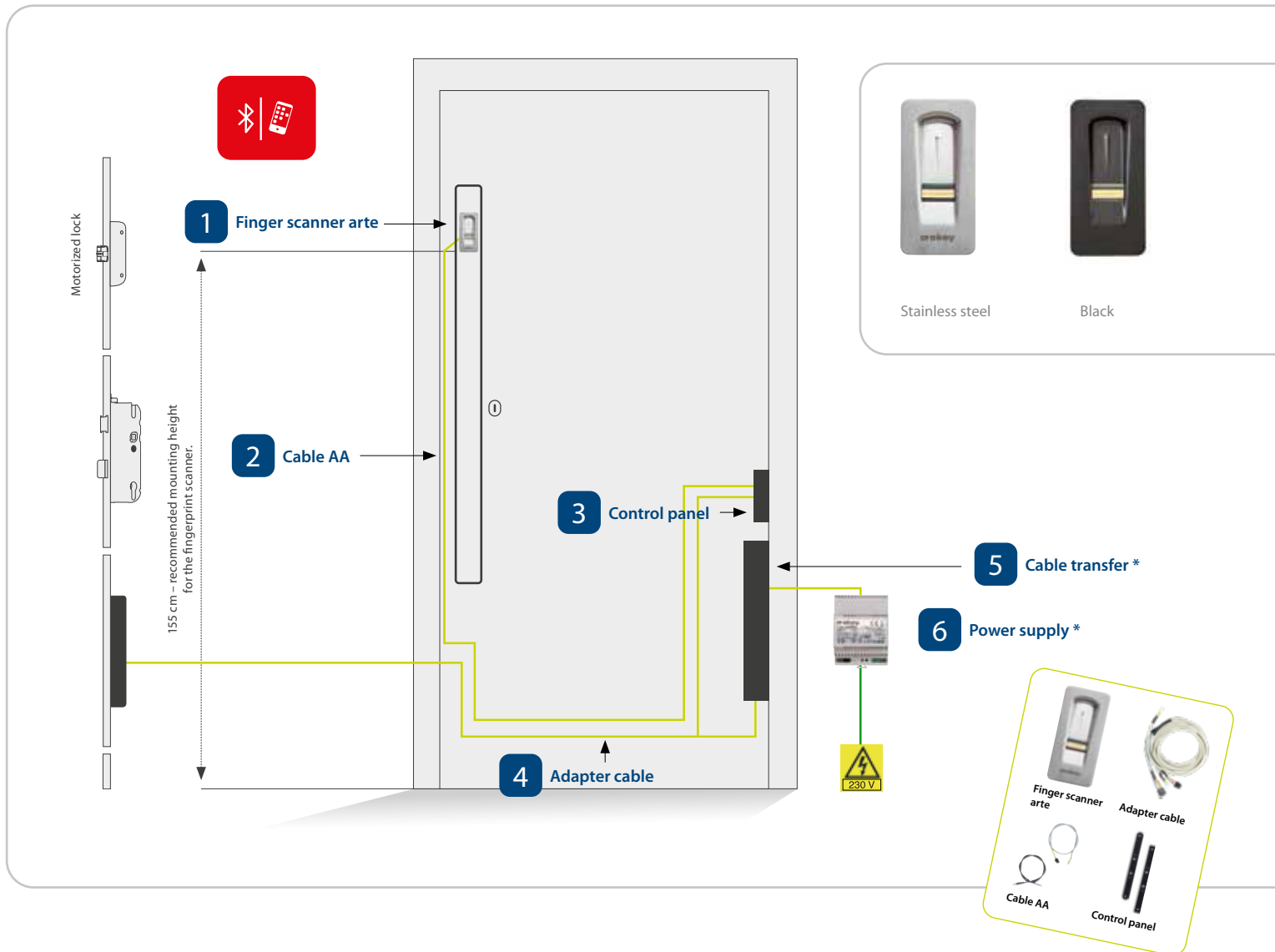


Quick check



## Finger scanner arte

Simple design for discreet integration



Part no.	Description	Additional information
	<i>Finger scanner set arte with app: Finger scanner (1), cable AA 4 m (2), control panel (3), adapter cable (4), and cable for power supply 5 m</i>	
105001	ekey home set AR micro plus 1 GU Automatic	for GU-SECURY Automatic
105002	ekey home set AR micro plus 1 KFV_A	for KFV Genius A and A-openers
105003	ekey home set AR micro plus 1 WH_EAV	for Winkhaus blueMatic EAV
105004	ekey home set AR micro plus 1 WH_BM	for Winkhaus blueMotion
105005	ekey home set AR micro plus 1 FUHR	for FUHR multitronic/autotronic
105006	ekey home set AR micro plus 1 ROTO C	for Roto Eneo C
105007	ekey home set AR micro plus 1 MACO	for MACO Z-TA Comfort
105008	ekey home set AR micro plus 1 SCHÜCO S	for Schüco SafeMatic
105009	ekey home set AR micro plus 1 ISEO	for ISEO x1R Easy
105010	ekey home set AR micro plus 1 GLUTZ	for Glutz MINT

\*Cable transfer (5), power supply (6), and door handle are not included in the set and must be ordered separately.

### ! Notice:

Power supplies, cable transfers, etc. can be found in the Accessories section beginning on page 21.



App operation video



Mounting instructions



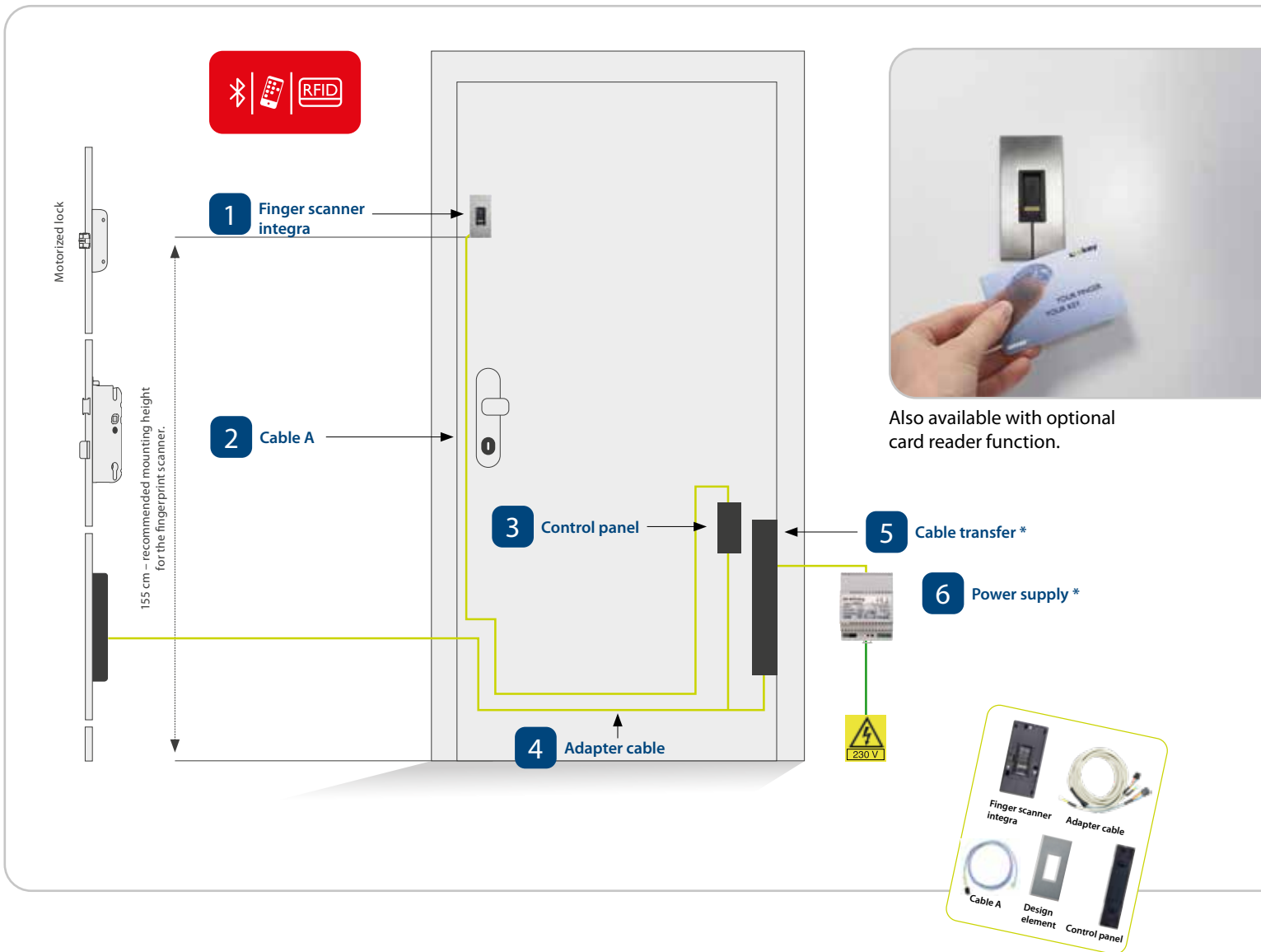
Admin video



Quick check

## Finger scanner integra

The sleek all-rounder



Part no.	Finger scanner set integra with app: Finger scanner and design element (1), cable A 3.5 m (2), control panel (3), adapter cable (4), and cable 5 m for power supply			
	Description	Additional information	Design element RFID, stainless steel gray** Part no.	Design element RFID, glass, anthracite** Part no.
105101	ekey home set IN BT micro 1 GU Automatic	for GU-SECURY Automatic	105151	105171
105102	ekey home set IN BT micro 1 KFV_A	for KFV Genius A and A-openers	105152	105172
105103	ekey home set IN BT micro 1 WH_EAV	for Winkhaus blueMatic EAV	105153	105173
105104	ekey home set IN BT micro 1 WH_BM	for Winkhaus blueMotion	105154	105174
105105	ekey home set IN BT micro 1 FUHR	for FUHR multitronic/autotronic	105155	105175
105106	ekey home set IN BT micro 1 ROTO C	for Roto Eneo C	105156	105176
105107	ekey home set IN BT micro 1 MACO	for MACO Z-TA Comfort	105157	105177
105108	ekey home set IN BT micro 1 SCHÜCO S	for Schüco SafeMatic	105158	105178
105109	ekey home set IN BT micro 1 ISEO	for ISEO x1R Easy	105159	105179
105110	ekey home set IN BT micro 1 GLUTZ	for Glutz MINT	105160	105180

### Notice:

Power supplies, cable transfers, RFID cards, design elements, etc. can be found in the Accessories section beginning on page 21.

\*Cable transfer (5) and power supply (6) are not included in the set and must be ordered separately.

\*\* Not available in all countries. Ask your sales partner.



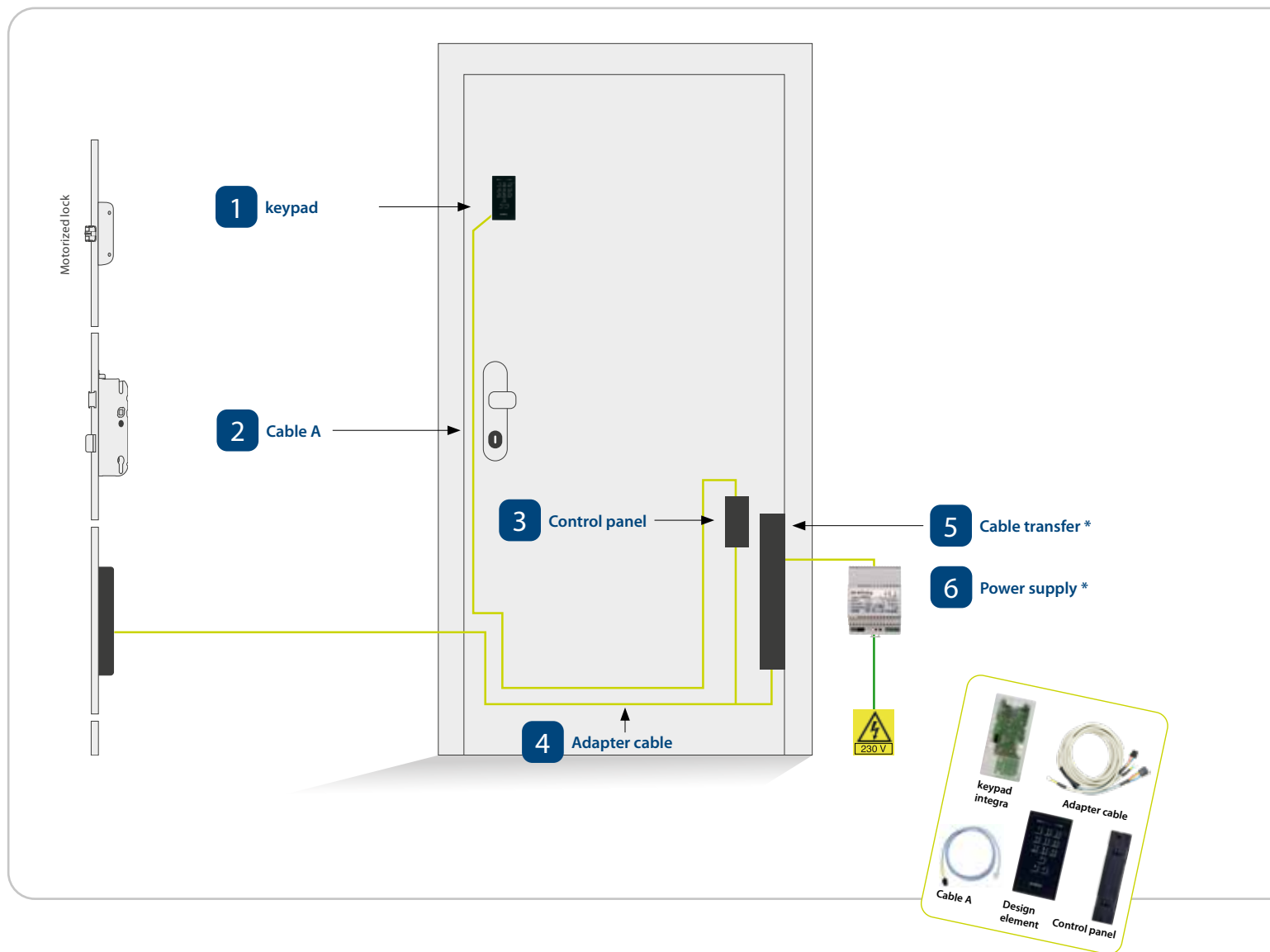
Mounting  
instructions



Quick check

## keypad integra

The code pad – an addition to the fingerprint scanner



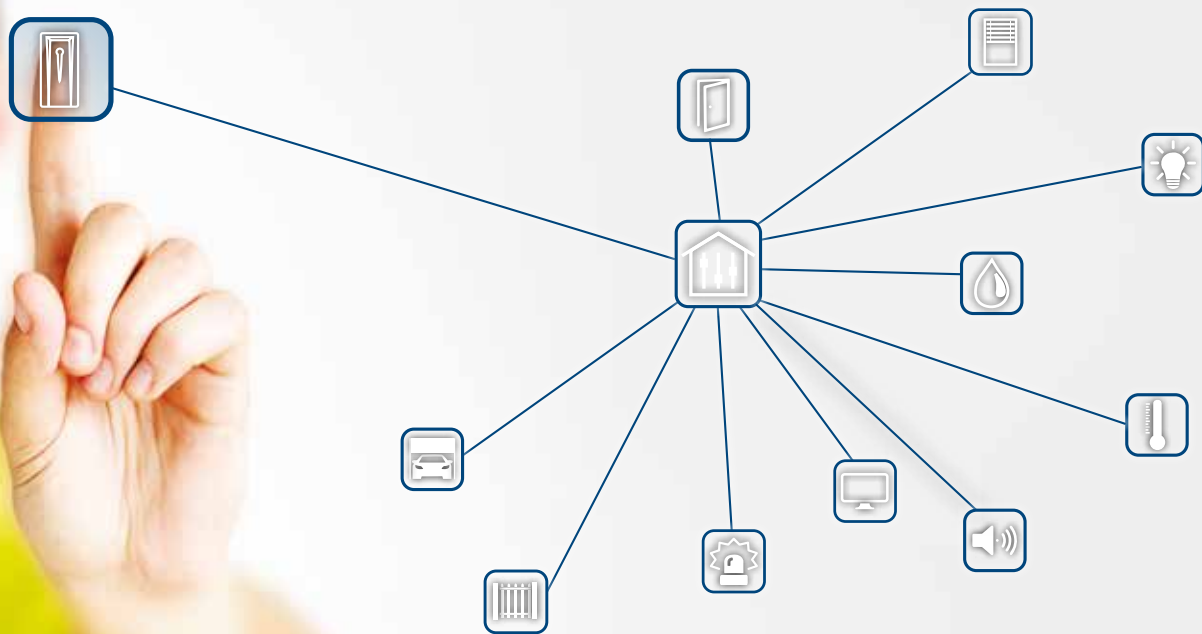
Part no.	<i>keypad set integra: keypad and design element glass anthracite (1), cable A (2), control panel (3), adapter cable (4), and cable for power supply 5 m</i>	
	Description	Additional information
105201	ekey home set KP micro 1 GL AN GU Automatic	for GU-SECURY Automatic
105202	ekey home set KP micro 1 GL AN KFV_A	for KFV Genius A and A-openers
105203	ekey home set KP micro 1 GL AN WH_EAV	for Winkhaus blueMatic EAV
105204	ekey home set KP micro 1 GL AN WH_BM	for Winkhaus blueMotion
105205	ekey home set KP micro 1 GL AN FUHR	for FUHR multitronic/autotronic
105206	ekey home set KP micro 1 GL AN ROTO C	for Roto Eneo C
105207	ekey home set KP micro 1 GL AN MACO	for MACO Z-TA Comfort
105208	ekey home set KP micro 1 GL AN SCHÜCO S	for Schüco SafeMatic
105209	ekey home set KP micro 1 GL AN ISEO	for ISEO x1R Easy
105210	ekey home set KP micro 1 GL AN GLUTZ	for Glutz MINT

\*Cable transfer (5) and power supply (6) are not included in the set and must be ordered separately.

### ! Notice:

Power supplies, cable transfers, design elements, etc. can be found in the Accessories section beginning on page 21.

# ekey / smart home-ready

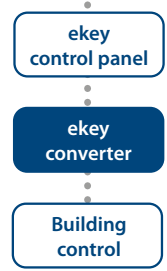
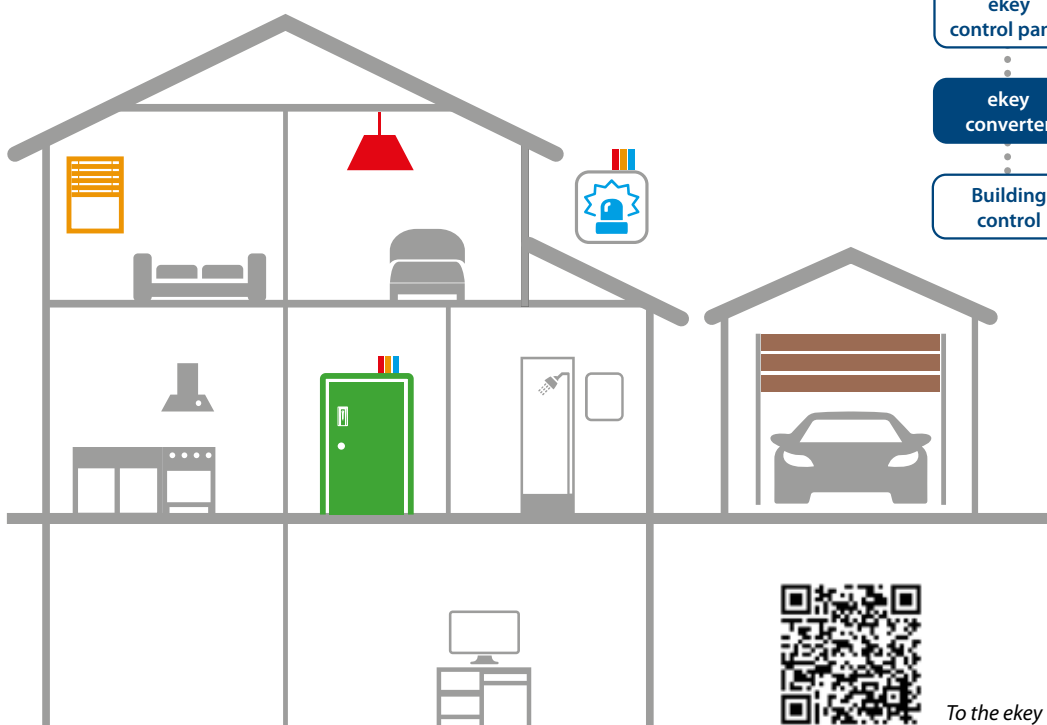


Make your house smart home-ready and discover how easy everyday life can be.

It couldn't be simpler:

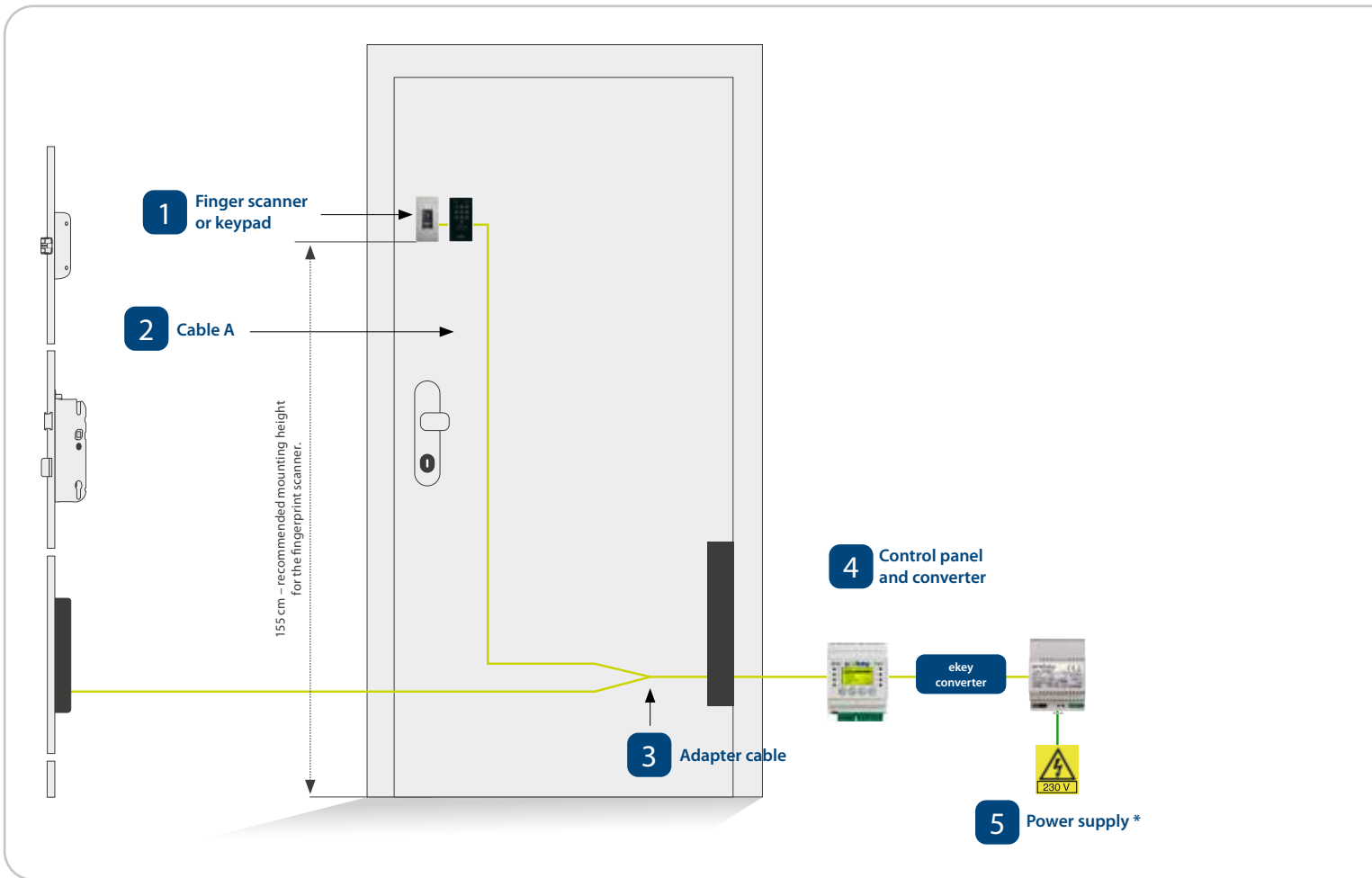
You can use the appropriate ekey interface (converter) to control a wide range of actions via your door.

- Operating the alarm system
- Controlling the audio system
- Customized scenarios
- Switching the light on/off
- Access control for individual doors
- ...and much more



To the ekey website -> intelligent door

## Integrating ekey fingerprint scanners into building control systems



Part no.	Interface	Smart home set integra for all locks	
		Set contents: Finger scanner and design element stainless steel gray or keypad and design element glass anthracite (1), cable A 3.5 m (2), adapter cable (3), control panel and ekey converter (4) (if required), and cable 5 m for power supply	
		Description	Additional information
105191	KNX	ekey home set IN DRM 2 CV KNX	with home converter KNX
105192	LAN	ekey home set IN DRM 2 CV LAN	with home converter LAN RS-485
On request	FSX	ekey set FSX IN	
105291	KNX	ekey home set KP DRM 2 CV KNX	with home converter KNX
105292	LAN	ekey home set KP DRM 2 CV LAN	with home converter LAN RS-485

\* Cable transfer and power supply (5) are not included in the set and must be ordered separately.

### Notice:

Power supplies, cable transfers, RFID cards, design elements, etc. can be found in the Accessories section beginning on page 21.

KNX interfaces	LAN interfaces	FSX interfaces

# The networkable door

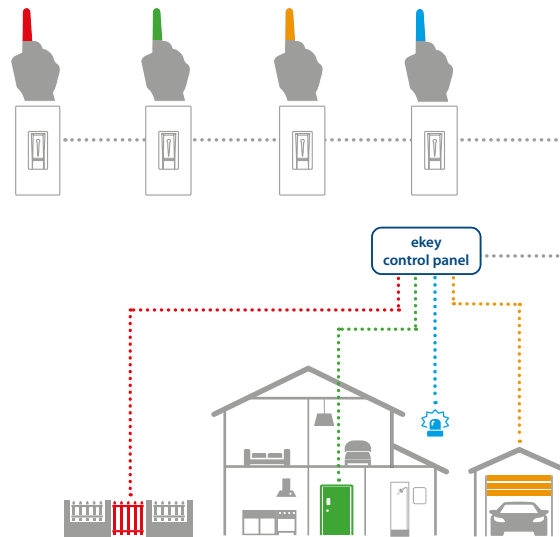
## The right solution for every requirement

### ekey multi

#### Multi-point access solutions

4 fingerprint scanners\* are managed by a single control panel.

- Can store up to 99 fingers
- Supports up to 4 fingerprint scanners
- Can control up to 4 functions per fingerprint scanner (e.g., door, gate, and alarm system)
- Individually programmable time slots
- Access log for every fingerprint scanner
- Easy to operate with central user administration directly via the control panel
- User permissions can be assigned on a personalized basis (based on location and time)
- Vacation or permanent program
- Optional: Transponder access (RFID) is possible  
-> can also store up to 99 transponders

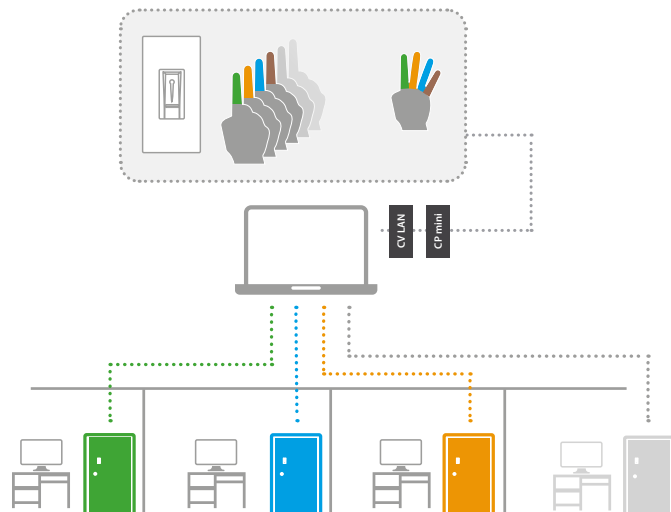


### ekey net

#### Network access solutions

The networkable access solution for companies, organizations, and discerning households.

- Can store up to 2,000 fingers per fingerprint scanner\*
- Supports up to 80 fingerprint scanners
- Can control up to 4 functions per fingerprint scanner
- Programmable time slots
- Access log for every fingerprint scanner
- Supports cross-site administration
- Central administration via PC
- Calendar function
- Interfaces for establishing external connections
- Optional: Transponder access (RFID) is possible  
-> can also store up to 2,000 transponders



\*Alternatively: Code pad (keypad) -> can store up to 99 or 2,000 codes

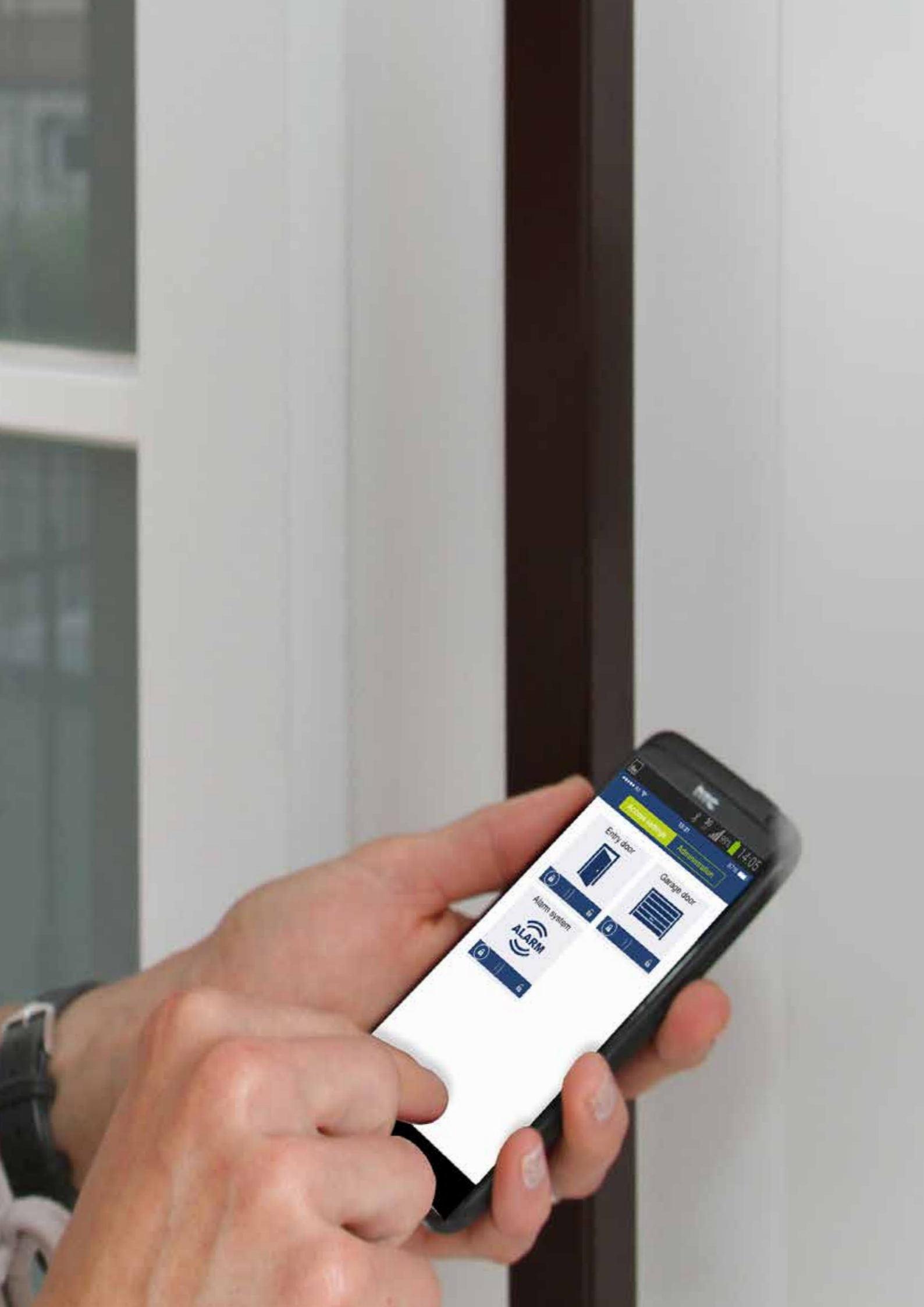


We would be delighted to help you plan and design your professional access control system. Simply contact us at [ekey.net/en/contact](mailto:info@ekey.net).





ekey net video



## USER ADMINISTRATION

- Easy to create, manage, and delete users
- Enable or disable users at the touch of a button
- Assign authorizations for defined access
- Store fingers via the app
- Easy administration of up to 99 fingers
- Administration of up to 99 RFID transponders\*

## ACCESS

- Open doors via app (smartphone/tablet)
- Assign access authorization with a user code
- Provide temporary access (while on vacation, for example)

## SECURITY

- Administrator and user level
- 4 to 6-digit app security code
- Enhanced security thanks to 6-digit coupling code
- Administrator is able to change and administer security codes
- Deactivate the fingerprint scanner's Bluetooth function

## USEFUL TOOLS

- Adjustable LED brightness on the fingerprint scanner
- Relay switching durations can be set individually
- Reset the system to default settings

The ekey home app is only compatible with the ekey home – single-point access solutions system!

\* Only in the case of ekey finger scanner integra Bluetooth RFID



## ekey home app – fool-proof menu navigation:



**FREE for ANDROID and iOS**  
Available languages:  
DE | EN | IT | FR | ES | CS | PL | RU | ZH





YOUR STYLE. YOUR IDENTITY.



Perfectly coordinated – design + function



Part no.	Description
	Design element FS IN
101254	ekey design element FS IN SG, stainless steel gray
101305	ekey design element FS IN BL, black
101304	ekey design element FS IN WHI, white
101303	ekey design element FS IN GO, gold
101973	ekey design element FS IN AN, anthracite
	Design element FS IN RFID
101688	ekey design element FS IN RFID SG, stainless steel gray
101904	ekey design element FS IN RFID BL, black
101933	ekey design element FS IN RFID WHI, white
	Design element FS IN (RFID) GL*
101978	ekey design element FS IN (RFID) GL SG, glass stainless steel gray
101980	ekey design element FS IN (RFID) GL WHI, glass anthracite
101979	ekey design element FS IN (RFID) GL AN, glass white



Part no.	Description
101677	ekey design element KP IN GL SG, glass stainless steel gray
101679	ekey design element KP IN GL AN, glass anthracite
101678	ekey design element KP IN GL WHI, glass white

\* Not available in all countries. Ask your sales partner.

The whole color spectrum to choose from

### And this is how it works:

- 1 Select a design element**
- 2 Select the color**  
  
 RAL Classic 213 color shades
- 3 Select the quantity**  
  
 Minimum order quantity 10 units
- 4 Send request**  
  
**office@ekey.net**

# Accessories



Part no.	Description
101909	ekey door handle mounting set FS arte, 16 mm



Part no.	Description
	ekey mounting plate CP micro (plus) Round faceplate
	ekey mounting plate CP micro (plus) Square-cut faceplate
101881	ekey mounting plate CP micro (plus), r20 mm
101882	ekey mounting plate CP micro (plus), r24 mm
101883	ekey mounting plate CP micro (plus), s20 mm
101884	ekey mounting plate CP micro (plus), s24 mm
	<ul style="list-style-type: none"> <li>• Dimensions W x H x D: 20 (24) x 200 x 2.7 mm</li> <li>• ABS plastic, grained on the front side, black</li> </ul>
	<ul style="list-style-type: none"> <li>• Required mounting plate for the control panel micro plus in the door leaf</li> </ul>

## 8-core cable transfer



Part no.	Description
100880	ekey CTL 48/8; cable transfer housing door leaf
	<ul style="list-style-type: none"> <li>• Housing dimensions H x W x D: 478 x 24 x 17.5 mm</li> <li>• Housing installation in the door leaf</li> <li>• Door opening up to approx. 180°</li> <li>• Cable length on the frame side: 2.5 m</li> </ul>
101475	ekey CTL 48/8; cable transfer housing door leaf
	<ul style="list-style-type: none"> <li>• Housing dimensions H x W x D: 478 x 24 x 17.5 mm</li> <li>• Housing installation in the door leaf</li> <li>• Door opening up to approx. 180°</li> <li>• Cable length on the frame side: 10 m</li> </ul>
100883	ekey CT without housing/8; cable transfer
	<ul style="list-style-type: none"> <li>• Door opening up to approx. 180°</li> <li>• Cable length on the frame side: 2.5 m</li> </ul>
100885	ekey CTL 30/8; cable transfer housing door leaf
	<ul style="list-style-type: none"> <li>• Housing dimensions H x W x D: 300 x 24 x 17.5 mm</li> <li>• Housing installation in the door leaf</li> <li>• Door opening up to approx. 100°</li> <li>• Cable length on the frame side: 2.5 m</li> </ul>
101967	ekey CTL 30/8; cable transfer housing door leaf
	<ul style="list-style-type: none"> <li>• Housing dimensions H x W x D: 300 x 24 x 17.5 mm</li> <li>• Housing installation in the door leaf</li> <li>• Door opening up to approx. 100°</li> <li>• Cable length on the frame side: 10 m</li> </ul>



The following specifications apply to all listed cable transfers:

- Cable: Li9Y11Y, 8 x 0.34 mm<sup>2</sup>
- Cable length on the leaf side: 0.8 m, with CP35/8 plug at the end for connecting to the control panel



Part no.	Description
100205	ekey PS DRM 230 VAC/12 VDC/2 A; DIN-rail-mounted
100891	ekey PS DRM 230 VAC/24 VDC/2 A; DIN-rail-mounted
100204	ekey PS OM 230 VAC/12 VDC/2 A; outlet-mounted
101742	ekey PS OM 230 VAC/24 VDC/1.1 A; outlet-mounted



**Important:** Select the power supply based on the properties of the motorized lock.

## Uninterruptible power supply



Part no.	Description
101559	ekey UPS DRM 230 VAC/12 VDC/5 A + REBAT 4 Ah, DIN-rail-mounted
	<ul style="list-style-type: none"> <li>• Dimensions W x H x D: UPS: 108 x 94 x 95 mm (6HP) Battery: 157 x 93 x 66.5 mm (9HP)</li> <li>• Supply voltage: 100-240 VAC</li> <li>• 2 parts: UPS (switched-mode power supply) and battery</li> <li>• Output voltage, output current: 12 VDC/5 A</li> <li>• Temperature range: -10 °C to 40 °C</li> <li>• Function display: LED</li> <li>• Advantage: Replaces line voltage power supply; ensures a reliable power supply to the system for several hours. Suitable for use in conjunction with a motorized lock.</li> </ul>



Part no.	Description
101593	ekey UPS DRM 230 VAC/24 VDC/3 A + REBAT 4 Ah, DIN-rail-mounted
	<ul style="list-style-type: none"> <li>• Dimensions W x H x D: UPS: 108 x 94 x 95 mm (6HP) Battery: 157 x 93 x 66.5 mm (9HP)</li> <li>• Supply voltage: 100-240 VAC</li> <li>• 3 parts: UPS (switched-mode power supply) and 2 x batteries</li> <li>• Output voltage, output current: 24 VDC/3 A</li> <li>• Temperature range: -10 °C to 40 °C</li> <li>• Function display: LED</li> <li>• Advantage: Replaces line voltage power supply; ensures a reliable power supply to the system for several hours. Suitable for use in conjunction with a motorized lock.</li> </ul>



**Important:** Select the power supply based on the properties of the motorized lock.



So, the customer's door is finally in place, but how do you check that the fingerprint scanner and electrical locking system are functioning properly? Waiting for the building services specialist to connect it can take time, depending on what stage the builders are at with the construction. What happens if the electronic components in the door get damaged during this time? Who is liable in such circumstances? Who foots the bill?

ekey provides a simple solution to this problem: the test adapter. This handy device enables you to test the door straight away and assure the customer that everything is functioning properly following the built-in fitting.

The test adapter can of course also be deployed right in the factory in order to perform a function test before the door is even delivered to the installation site!

Part no.	Description
102094	Test adapter 230 V/12 VDC/2 A, for door function testing
102095	Test adapter 230 V/24 VDC/1 A, for door function testing

## What happens if...?

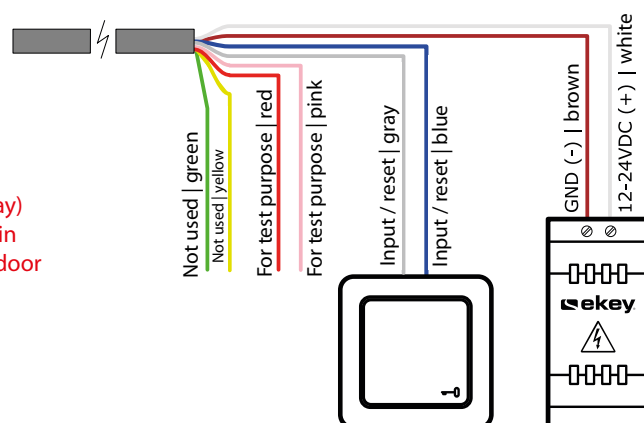


You are probably familiar with this scenario too: The customer has a question about the fingerprint scanner for which the answer is not immediately apparent.

The new "Quick checks" (troubleshooting booklets) contain the most common error scenarios and support topics. In addition, the QR codes in the guide take you straight to the relevant ekey help videos.

## Technical specifications

### Connection diagram



Each unused core must be insulated separately.



If an intercom is used to open the door, the following points must be noted: The connection for the door opener signal (blue and gray) should be established within the secured zone (inside the house) in order to prevent tampering. The electrician should use a suitable door station relay for this purpose.



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