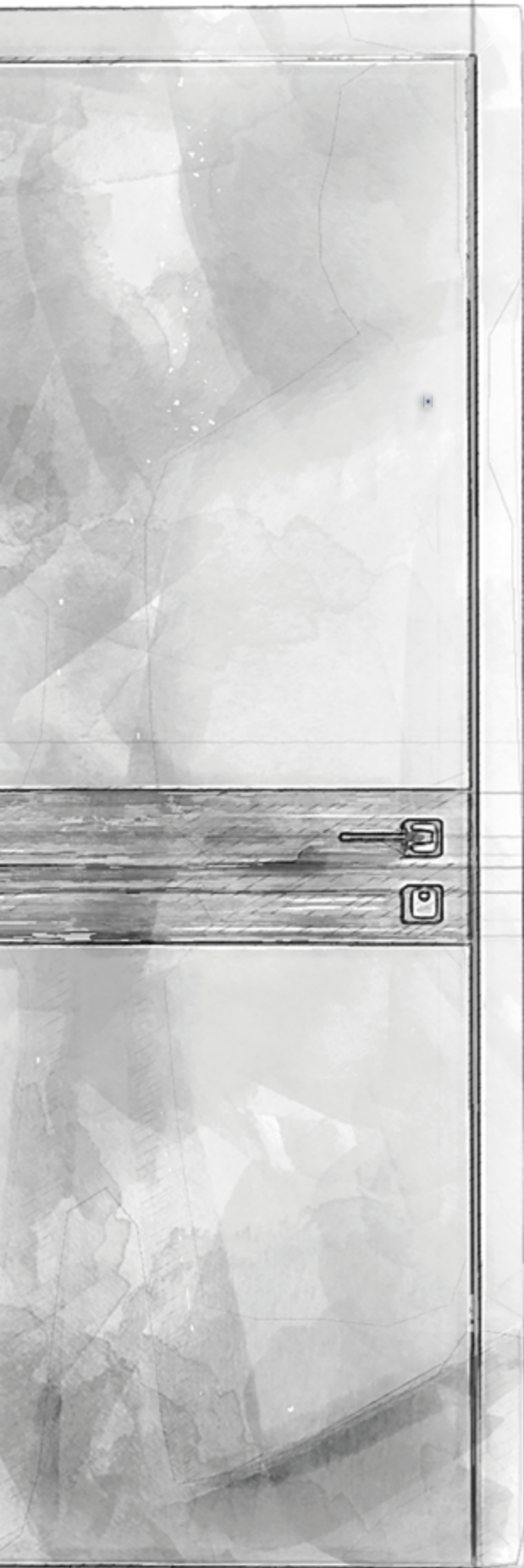


A smiling man with a beard and short brown hair is looking towards the camera. He is wearing a light blue t-shirt. To his left, a silver door handle is visible, featuring a small, rectangular fingerprint scanner with a blue sensor area. The background is a blurred indoor setting.

Convenient access with fingerprint scanner

Solutions for door manufacturers



About ekey biometric systems

4
The company



The ekey dLine fingerprint scanner

6
The ekey dLine fingerprint scanner

7
Your advantages as processor

9
The system

Order overview

10
Fingerprint scanner for door handle and door leaf

10
ekey dLine fingerprint scanner

11
ekey dLine fingerprint scanner control unit cables

11
Separable cables for fingerprint scanner

11
Separable cables for control unit

11
ekey dLine control unit

12
ekey dLine control unit motorized lock cables

12
ekey dLine cable transfer

13
ekey dLine control unit cable transfer cables

13
Power supplies & UPS

14
Door handles

14
ekey dLine door handles

14
ekey dLine control unit

15
ekey dLine control unit motorized lock cables

15
ekey dLine cable transfer

16
ekey dLine control unit cable transfer cables

16
Power supplies & UPS

17
Sets by lock manufacturer

18
Additional items

21
Documents

22
The ekey bionyx app

23
The scope of functions

24
The ekey dLine in everyday life



The code pad ekey keypad integra

27
Code pad ekey keypad integra

29
The system

Order overview

30
Code pad

30
Code pad

30
Cable A

31
Control panel

31
Cable transfer side adapter cables

32
Cable transfer

34
Power supplies & UPS

35
Documents



About ekey

ekey was founded in 2002 and is now Europe's No. 1 for fingerprint scanner access solutions. Keys, cards or codes can be lost, forgotten, or stolen — your finger is always on hand!

For nearly 20 years, ekey has been developing access solutions for private households, companies, and organizations. What originally began as a research project is today one of the leading providers of biometric access control: the Austrian family-owned company is now leading the European market for fingerprint scanner access solutions. ekey has more than 100 employees at its six locations in Austria, Germany, Liechtenstein/Switzerland, Italy, and Slovenia. The headquarters and the production facilities including research and development are located in Linz (Austria). It is from this site that the products are exported to more than 70 countries worldwide, bringing the company's export share up to 80%. In addition to the European Union, other important sales markets include the United States, India, and China.

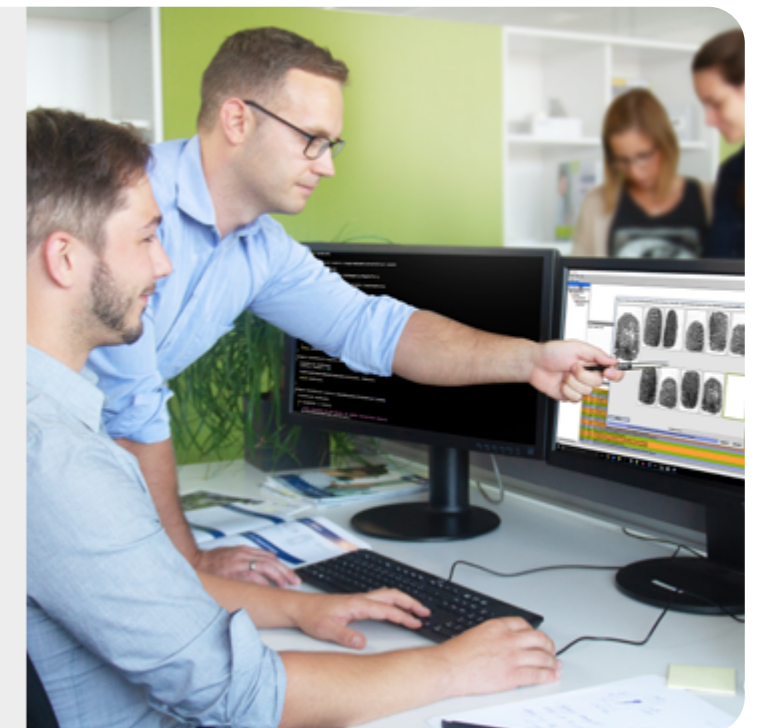


Leopold Gallner (right) runs the company with his son Michael and daughter Raphaela.

Our vision is to enable biometrics for everyone. We rely on high quality standards and pay great attention to functionality, reliability, and safety. This results in access solutions that ensure greater safety and convenience in one's everyday life. In this way, we are creating practical benefits for everyday life.

Your benefits as an ekey partner

- More than 20 years of experience with fingerprint scanner access solutions
- From the concept to the finished product – everything from a single source
- Comprehensive support from the expert ekey team
- Professional sales support and extensive product training for your employees
- Sustainable business with products that, if necessary, are given a second life via the ekey repair service



More information



You can find more information about the company at www.ekey.net/en or by scanning the QR code.



The ekey dLine fingerprint scanner

A new era is beginning with the ekey dLine fingerprint scanner because the intelligent use of buildings begins with smart functions right at the front door. Users will experience a new feeling of comfort and enjoy more flexibility in their everyday life.

The door is conveniently opened with the ekey dLine fingerprint scanner via a touch sensor. Thanks to their experience with smartphones, users will already be familiar with how to operate the device, so it is particularly user-friendly. Another advantage: while conventional keys, smartphones, codes or cards can be forgotten, misplaced, or lost, your finger is always on hand. But the ekey dLine fingerprint scanner goes even further and offers a new feeling of comfort with smart features that make everyday life easier. The ekey dLine: an intelligent access control system that – already today – is meeting the wishes of tomorrow.

Now is the time to enter the age of biometric access control systems!



Your finger as a key



Flexibly expandable system



Maximum security



Remote opening



Push notifications



Virtual assistant Amazon Alexa



Personalized time slots

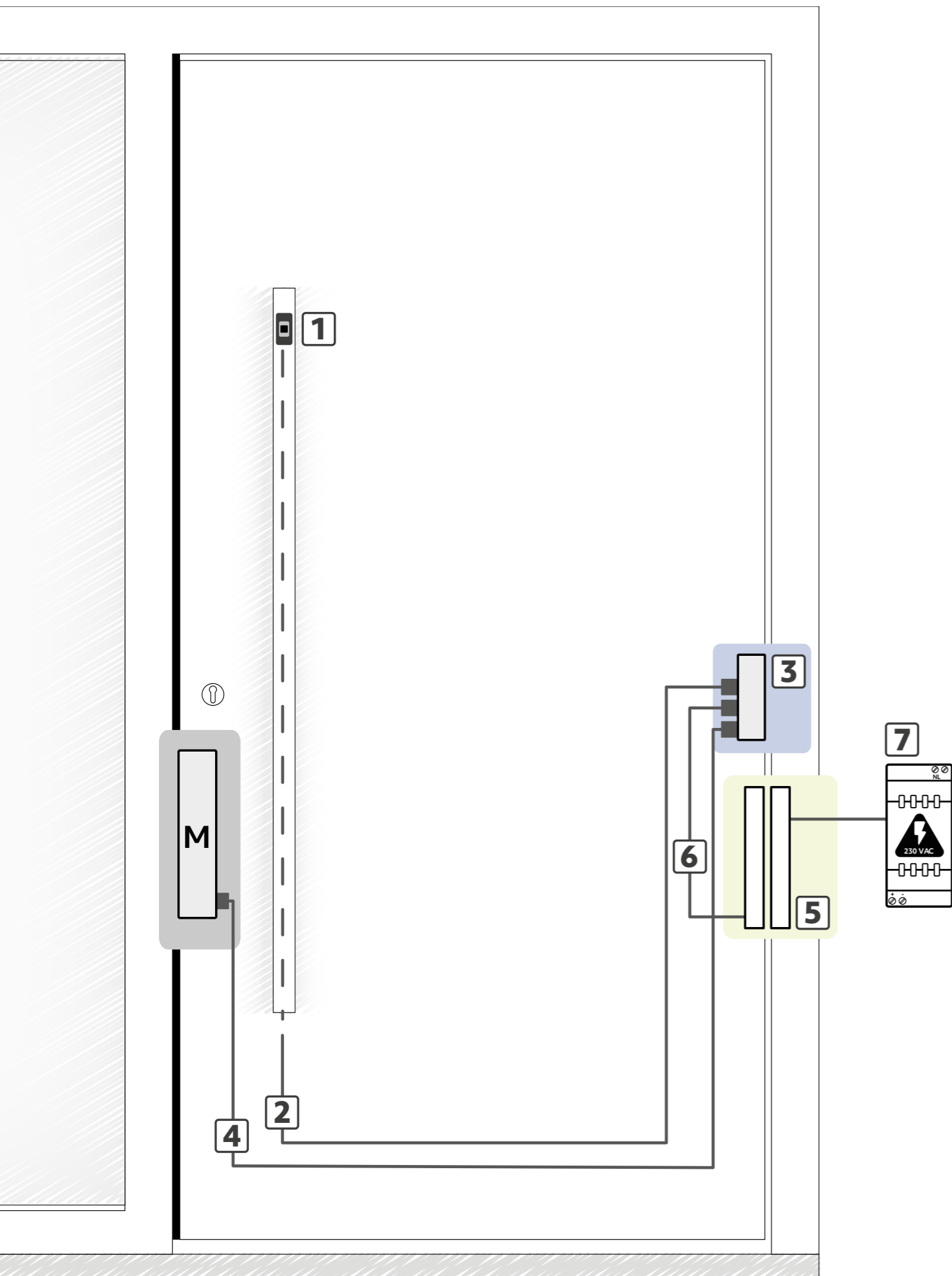


Weather resistance

Your advantages as processor

With the ekey dLine fingerprint scanner, doors are given a smart upgrade with new functions, intuitive touch operation, and easy administration via the ekey bionyx app. The access control system proves itself with numerous arguments:

- **The door is getting smart**
Additional functions and access into the world of the smart home
- **State-of-the-art technology**
Patented algorithm and touch sensor
- **Uniform operating concept**
All new ekey products are managed via an app
- **One fingerprint scanner and one control unit for all applications**
A super compact design for the door leaf and door handle, which blends harmoniously into the door design
- **Flexibility with motorized locks**
The system offers provider-independent application options
- **Update options**
The system can be updated and expanded at any time with new features and devices
- **Plug & play system**
The ekey dLine is ready to plug in
- **Remote diagnostics**
Invitation to the customer's system via app to carry out maintenance work remotely without having to travel



The system

The ekey dLine consists of the following components:

- 1** ekey dLine fingerprint scanner + design element
- 2** ekey dLine fingerprint scanner control unit cable
- 3** ekey dLine control unit + mounting plate
- 4** ekey dLine control unit motorized lock cable
Optional component: Only required if no cable is supplied with the motorized lock.
- 5** ekey dLine cable transfer
Optional component: perfectly matched to the system; only required if no other cable transfer is used.
- 6** ekey dLine control unit cable transfer cable
Optional component: Only required if no ekey dLine cable transfer is used.
- 7** ekey power supply
Optional component: Only required if no other power supply is used.

On the following pages, you will find all components in the order overview.

Order overview

Fingerprint scanner for door handle and door leaf

1 ekey dLine fingerprint scanner



Part. no.	Description
201001	ekey dLine fingerprint scanner
	The ekey dLine fingerprint scanner is a biometric access solution that grants keyless access to buildings using intuitive touch operation. The door also has smart functions, so that the intelligent use of a building begins at the front door. The system is administered using the free ekey bionyx app.
	Technical specifications: Dimensions H x W x D: 47 x 22.5 x 17 mm Supply voltage: 12–24 VDC Power consumption: approx. 0.6 W Temperature resistance from -25°C to +70°C IP code: IP56 (with design element) Recommended mounting height: 155 cm

Accessories



Part. no.	Description
201101	ekey dLine design element door handle stainless-steel gray
201102	ekey dLine design element door handle black
	Technical specifications: Dimensions H x W x D: 52.1 x 25 x 0.5 mm Material: stainless steel V4A/aluminum anodized The design element is glued on.
201111	ekey dLine design element door leaf stainless-steel gray
201112	ekey dLine design element door leaf black
	Technical specifications: Dimensions H x W x D: 61.5 x 34.5 x 3 mm Material: stainless steel V4A/aluminum, anodized incl. ekey dLine fingerprint scanner adapter for door leaf The design element is glued on.

Notice

For purchase quantities of 100 units or more, there is the possibility of individual branding.

2 ekey dLine fingerprint scanner control unit cables

Part. no.	Description
201301	ekey dLine fingerprint scanner control unit cable 0.6 m
201302	ekey dLine fingerprint scanner control unit cable 1.2 m
201303	ekey dLine fingerprint scanner control unit cable 2.0 m
201304	ekey dLine fingerprint scanner control unit cable 2.5 m
201305	ekey dLine fingerprint scanner control unit cable 3.0 m
201306	ekey dLine fingerprint scanner control unit cable 3.5 m
201307	ekey dLine fingerprint scanner control unit cable 4.0 m
201308	ekey dLine fingerprint scanner control unit cable 10.0 m
	The plug-in data and power supply cable connects the ekey dLine fingerprint scanner with the ekey dLine control unit.



To make it easier to mount the door handle, there is a separable variant of the ekey dLine fingerprint scanner control unit cable, consisting of the **components 2a and 2b**. The cable connects the ekey dLine fingerprint scanner with the control unit and can be separated via the M5 plug.

2a Separable cables for fingerprint scanner

Part. no.	Description
201320	ekey dLine fingerprint scanner control unit cable, FS-side 2.0 m
201321	ekey dLine fingerprint scanner control unit cable, FS-side 0.6 m
201322	ekey dLine fingerprint scanner control unit cable, FS-side 1.2 m

2b Separable cables for control unit

Part. no.	Description
201323	ekey dLine fingerprint scanner control unit cable, CU-side 2.0 m
201324	ekey dLine fingerprint scanner control unit cable, CU-side 2.5 m
201325	ekey dLine fingerprint scanner control unit cable, CU-side 3.0 m
201326	ekey dLine fingerprint scanner control unit cable, CU-side 3.5 m

3 ekey dLine control unit

Part. no.	Description
201201	ekey dLine control unit
	With its relay, the ekey dLine control unit controls a motorized lock to open front, basement, or side entrance doors. In addition, it has an input for external opening, e.g. via door stations.
	Technical specifications: Dimensions H x W x D: 117 x 16 x 33 mm Supply voltage: 12–24 VDC Power consumption: approx. 0.6 W Temperature resistance from -25°C to +70°C IP code: IP30 Number of relays: 1 (dry contact/wet contact) Digital input: 1 (dry contact)

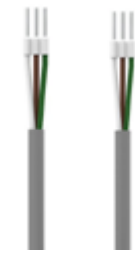




Accessories

Part. no.	Description
201211	ekey dLine control unit mounting plate round-cut 20 mm
201212	ekey dLine control unit mounting plate round-cut 24 mm
201213	ekey dLine control unit mounting plate square-cut 20 mm
201214	ekey dLine control unit mounting plate square-cut 24 mm
201215	ekey dLine control unit mounting plate round-cut 16 mm
201216	ekey dLine control unit mounting plate square-cut 16 mm
	The mounting plate is used to fasten the control unit in the door leaf.
	Technical specifications: Length: 180 mm Depth: 2.7 mm Color: black Material: ABS plastic

Optional components



Notice

The cables 201341 and 201342 can be used for the motorized locks from KFV (Genius A and Genius B), Roto Eneo, as well as for FUHR (multitronic and autotronic).

4 ekey dLine control unit motorized lock cables

Part. no.	Description
201341	ekey dLine control unit motorized lock cable 0.3 m
201342	ekey dLine control unit motorized lock cable 3.5 m
	This cable connects the ekey dLine control unit with the motorized lock.

Lock-specific cables

Part. no.	Description
201352	ekey dLine control unit motorized lock cable MACO
201354	ekey dLine control unit motorized lock cable Glutz
201356	ekey dLine control unit motorized lock cable MSL
201358	ekey dLine control unit motorized lock cable ISEO x1R Smart
201359	ekey dLine control unit motorized lock cable Winkhaus blueMotion
201360	ekey dLine control unit motorized lock cable Winkhaus blueMatic EAV
201362	ekey dLine control unit motorized lock cable GU SECURY Automatic

5 ekey dLine cable transfer

Part. no.	Description
201401	ekey dLine cable transfer
	The control unit is supplied with power and data via the cable transfer.
	Technical specifications: Dimensions H x W x D: 511 x 24 x 17.5 mm Material/surface: steel/chrome Housing: on the door leaf side—Max. opening angle: 180° Type of cable: LiYY, 0.34 mm ² —Number of cores: 8 Cable length: 2.5 m on the frame side with an open end 0.6 m on the door leaf side with a plug for connecting to the control unit



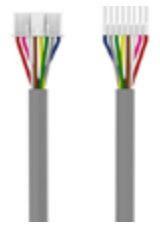
Accessories

Part. no.	Description
201411	ekey dLine cable transfer built-in fitting set, timber
201412	ekey dLine cable transfer replacement cable 10 m
	The standard ekey dLine cable transfer has a 2.5 m long data and power connection cable on the frame side. If this is too short, it can be exchanged for the 10-meter replacement cable.
201413	ekey dLine control unit cable transfer cable extension 1.0 m
	Extension cable from the ekey dLine cable transfer to the ekey dLine control unit.



6 ekey dLine control unit cable transfer cables

Part. no.	Description
201331	ekey dLine control unit cable transfer cable 0.5 m
201334	ekey dLine control unit cable transfer cable 1.2 m
201332	ekey dLine control unit cable transfer cable 3.0 m
201333	ekey dLine control unit cable transfer cable 8.0 m
201336	ekey dLine control unit cable transfer cable GU connect 50/200 0.6 m
	The plug-in data and power supply cable connects the control unit with the cable transfer from various providers.



7 Power supplies & UPS

Power supplies

Part. no.	Description
100205	ekey power supply DRM 230 VAC/12 VDC/2 A
100891	ekey power supply DRM 230 VAC/24 VDC/2 A
100204	ekey power supply outlet-mounted 230 VAC/12 VDC/2 A
101742	ekey power supply outlet-mounted 230 VAC/24 VDC/1.1 A



Notice

Select the power supply based on the properties of the motorized lock.

Uninterruptible power supply (UPS)

Part. no.	Description
101593	UPS rail-mounted 230 VAC/24 VDC/3 A + rechargeable battery 4 Ah; 6 HP + 9 HP + 9 HP
	3 parts: UPS (switched-mode power supply) and 2x rechargeable battery
101559	UPS rail-mounted 230 VAC/12 VDC/5 A + rechargeable battery 4 Ah; 6 HP + 9 HP
	2 parts: UPS (switched-mode power supply) and rechargeable battery
	The uninterruptible power supply secures the power supply of the ekey devices in the event of a power failure. The UPS replaces the power supply. Suitable for use in conjunction with a motorized lock.
	Technical specifications: Dimensions H x W x D: UPS: 94 x 108 x 95 mm (6 HP) Rechargeable battery: 93 x 157 x 66.5 mm (9 HP) Supply voltage: 100–240 VAC Output voltage/current: 24 VDC/ 3 A Temperature resistance from -10°C to +40°C





Door handles



1 + 2 ekey dLine door handles

Part. no.	Description
201501	ekey dLine door handle 4-sided, straight 40 x 20 x 1200 mm
201504	ekey dLine door handle 4-sided, straight 40 x 20 x 1800 mm
	The ekey dLine door handle made of stainless steel has the ekey dLine fingerprint scanner incl. design element already integrated and can be used on all standard aluminum, plastic, or timber doors.
	Technical specifications: Material: stainless steel (V4A) Surface: brushed Mounting set for fastening to aluminum, plastic, or timber doors incl. separable ekey dLine fingerprint scanner control unit cable (3.5 m)

3 ekey dLine control unit

Part. no.	Description
201201	ekey dLine control unit
	With its relay, the ekey dLine control unit controls a motorized lock to open front, basement, or side entrance doors. In addition, it has an input for external opening, e.g. via door stations.
	Technical specifications: Dimensions H x W x D: 117 x 16 x 33 mm Supply voltage: 12–24 VDC Power consumption: approx. 0.6 W Temperature resistance from -25°C to +70°C IP code: IP30 Number of relays: 1 (dry contact/wet contact) Digital input: 1 (dry contact)

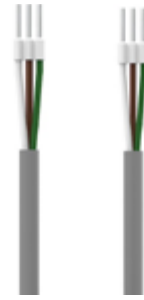
Accessories

Part. no.	Description
201211	ekey dLine control unit mounting plate round-cut 20 mm
201212	ekey dLine control unit mounting plate round-cut 24 mm
201213	ekey dLine control unit mounting plate square-cut 20 mm
201214	ekey dLine control unit mounting plate square-cut 24 mm
201215	ekey dLine control unit mounting plate round-cut 16 mm
201216	ekey dLine control unit mounting plate square-cut 16 mm
	The mounting plate is used to fasten the control unit in the door leaf.
	Technical specifications: Length: 180 mm Depth: 2.7 mm Color: black Material: ABS plastic

Optional components

4 ekey dLine control unit motorized lock cables

Part. no.	Description
201341	ekey dLine control unit motorized lock cable 0.3 m
201342	ekey dLine control unit motorized lock cable 3.5 m
	This cable connects the ekey dLine control unit with the motorized lock.



Lock-specific cables

Part. no.	Description
201352	ekey dLine control unit motorized lock cable MACO
201354	ekey dLine control unit motorized lock cable Glutz
201356	ekey dLine control unit motorized lock cable MSL
201358	ekey dLine control unit motorized lock cable ISEO x1R Smart
201359	ekey dLine control unit motorized lock cable Winkhaus blueMotion
201360	ekey dLine control unit motorized lock cable Winkhaus blueMatic EAV
201362	ekey dLine control unit motorized lock cable GU SECURY Automatic

5 ekey dLine cable transfer

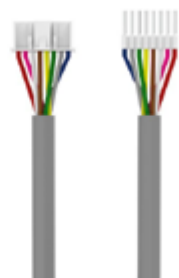
Part. no.	Description
201401	ekey dLine cable transfer
	The control unit is supplied with power and data via the cable transfer.
	Technical specifications: Dimensions H x W x D: 511 x 24 x 17.5 mm Material/surface: steel/chrome Housing: on the door leaf side–Max. opening angle: 180° Type of cable: LiYY, 0.34 mm ² –Number of cores: 8 Cable length: 2.5 m on the frame side with an open end 0.6 m on the door leaf side with a plug for connecting to the control unit



Accessories

Part. no.	Description
201411	ekey dLine cable transfer built-in fitting set, timber
201412	ekey dLine cable transfer replacement cable 10 m
	The standard ekey dLine cable transfer has a 2.5 m long data and power connection cable on the frame side. If this is too short, it can be exchanged for the 10-meter replacement cable.
201413	ekey dLine control unit cable transfer cable extension 1.0 m
	Extension cable from the ekey dLine cable transfer to the ekey dLine control unit.





6 ekey dLine control unit cable transfer cables

Part. no.	Description
201413	ekey dLine control unit cable transfer cable extension 1.0 m
201331	ekey dLine control unit cable transfer cable 0.5 m
201334	ekey dLine control unit cable transfer cable 1.2 m
201332	ekey dLine control unit cable transfer cable 3.0 m
201333	ekey dLine control unit cable transfer cable 8.0 m
201336	ekey dLine control unit cable transfer cable GU connect 50/200 0.6 m

The plug-in data and power supply cable connects the control unit with the cable transfer from various providers.

7 Power supplies & UPS

Power supplies



Notice

Select the power supply based on the properties of the motorized lock.

Part. no.	Description
100205	ekey power supply DRM 230 VAC/12 VDC/2 A
100891	ekey power supply DRM 230 VAC/24 VDC/2 A
100204	ekey power supply outlet-mounted 230 VAC/12 VDC/2 A
101742	ekey power supply outlet-mounted 230 VAC/24 VDC/1.1 A

Uninterruptible power supply (UPS)

Part. no.	Description
101593	UPS rail-mounted 230 VAC/24 VDC/3 A + rechargeable battery 4 Ah; 6 HP + 9 HP + 9 HP 3 parts: UPS (switched-mode power supply) and 2x rechargeable battery
101559	UPS rail-mounted 230 VAC/12 VDC/5 A +rechargeable battery 4 Ah; 6 HP + 9 HP 2 parts: UPS (switched-mode power supply) and rechargeable battery

The uninterruptible power supply secures the power supply of the ekey devices in the event of a power failure. The UPS replaces the power supply. Suitable for use in conjunction with a motorized lock.

Technical specifications:
 Dimensions H x W x D: UPS: 94 x 108 x 95 mm (6 HP)
 Rechargeable battery: 93 x 157 x 66.5 mm (9 HP)
 Supply voltage: 100-240 VAC
 Output voltage/current: 12 VDC/ 5 A
 Temperature resistance from -10°C to +40°C



Sets by lock manufacturer

Part. no.	Description
201711	ekey dLine door handle set Winkhaus blueMatic EAV
201712	ekey dLine door leaf set Winkhaus blueMatic EAV
201713	ekey dLine door handle set Winkhaus blueMotion
201714	ekey dLine door leaf set Winkhaus blueMotion
201715	ekey dLine door handle set GU-SECURY Automatic
201716	ekey dLine door leaf set GU-SECURY Automatic
201717	ekey dLine door handle set KfV Genius A
201718	ekey dLine door leaf set KfV Genius A
201719	ekey dLine door handle set KfV Genius B
201720	ekey dLine door leaf set KfV Genius B
201721	ekey dLine door handle set Roto Eneo C
201722	ekey dLine door leaf set Roto Eneo C
201723	ekey dLine door handle set FUHR autotronic/multitronic
201724	ekey dLine door leaf set FUHR autotronic/multitronic
201725	ekey dLine door handle set MACO A-TS
201726	ekey dLine door leaf set MACO A-TS



Important

The set includes an ekey dLine fingerprint scanner, an ekey dLine control unit, the ekey dLine mounting plate (round-cut and square-cut), the relevant adapter cable, the design element, and an ekey dLine fingerprint scanner control unit cable on the FS side and an ekey dLine fingerprint scanner control unit cable on the CU side. For activation, you also need an ekey dLine cable transfer (201401) or, if no ekey dLine cable transfer is used, an ekey dLine control unit cable transfer cable (201331-201336).





Additional items



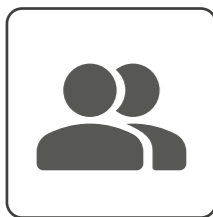
Marketing kit

Part no.	Description
291001	ekey dLine demo box In addition to the ekey dLine fingerprint scanner, the ekey dLine demo box includes the ekey dLine control unit and many accessories, such as ekey dLine design elements, ekey dLine control unit mounting plates and built-in fitting samples in the pull bar or door leaf.



Milling sample

Part no.	Description
291002	Milling sample for ekey dLine fingerprint scanner The milling sample can be used to test the built-in fitting of the ekey dLine fingerprint scanner in the pull bar. The milling sample consists only of housing parts, without electronics and sensor. This makes it possible to optimize the setting of the CNC milling machine and to check the mounting. Technical specifications: Dimensions H x W x D: 47 x 22.5 x 17 mm



Additional users

Part no.	Description
211001	ekey user extension 1
211002	ekey user extension 10
211003	ekey user extension 40

Notice

Upon delivery, 20 users are available free of charge. Up to 80 additional users can be purchased if required.



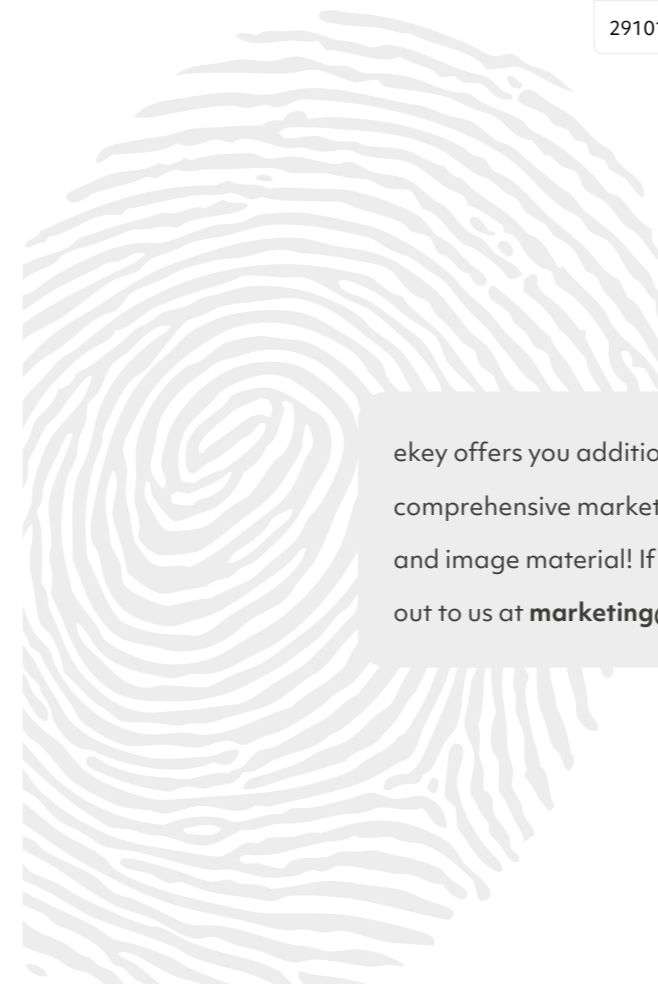
The ekey dLine fingerprint scanner for your showroom!



Get the ekey dLine in your showroom! ekey provides you with adhesive dummies that you can easily fasten to your showroom doors using the double-sided adhesive tape provided. This means your customers get the ideal set-up right away!

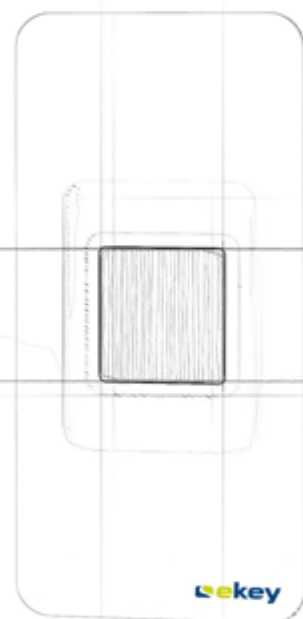
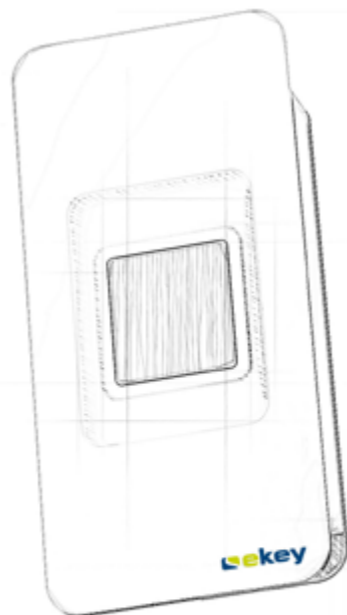
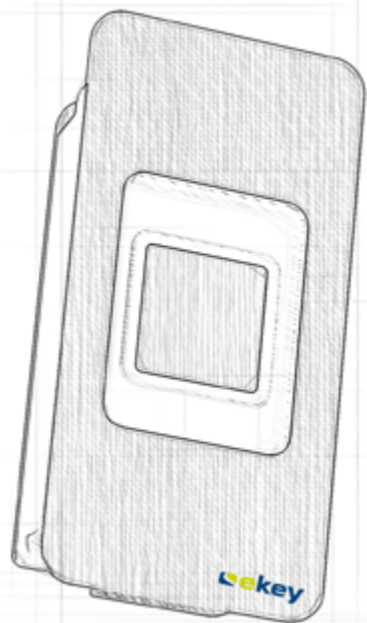
Fingerprint scanner dummy

Part no.	Description
291011	ekey dLine fingerprint scanner dummy door leaf stainless-steel gray
291012	ekey dLine fingerprint scanner dummy door leaf black
291013	ekey dLine fingerprint scanner dummy door handle stainless-steel gray
291014	ekey dLine fingerprint scanner dummy door handle black



ekey offers you additional marketing support: with a comprehensive marketing package containing text and image material! If you are interested, just reach out to us at marketing@ekey.net!





Documents

You can download all technical documents for the built-in fitting of the ekey dLine in the door leaf or in the door handle by scanning the QR codes or by clicking the links.



Wiring diagrams

www.ekey.net/en/dline/#downloads



Mounting instructions

www.ekey.net/en/dline/#downloads



Customer training

www.ekey.net/en/ekey-dline-customer-training/



ekey dLine FAQs

www.ekey.net/en/dline-faq/



Data sheets

www.ekey.net/en/data-sheets/



Instructions for fitters

http://www.ekey.net/Information_sheet_Instructions_for_fitters_or_electricians.pdf





The ekey bionyx app

The access control system is administered via the ekey bionyx app. Authorizations for family, friends, or external service providers can be assigned in just a few clicks using a smartphone or tablet. In addition, time slots can be defined and person-specific access can be set to specific times and days of the week.

The ekey bionyx app is also where smart functions take place: The door can be opened remotely or push notifications can be set to be sent to the smartphone when someone opens the door with their fingerprint scanner. But ekey offers a lot more: you don't have to determine the scope of your access control system in advance. After all, the ekey dLine can be expanded with additional functions and devices later on.

Thanks to ongoing updates, users are always up to date with the latest technology and benefit from constant further developments and additional new features. A detailed and always up-to-date overview can be found online.

Find out more!



All information can be found at www.ekey.net/en/ekey-bionyx-app/ or simply by scanning the QR code.



Still have questions?

You will find practical answers to the most frequently asked questions in the FAQs directly in the app! Would you like to find out more about the activation in advance? Then come visit www.ekey.net/en/dline-faq/!

The scope of functions

Thanks to ongoing updates, users are always up to date with the latest technology and benefit from constant further developments and additional new features. A detailed and always up-to-date overview can be found online.



Features

www.ekey.net/en/ekey-bionyx-app/#features-ekey-bionyx-app



The ekey dLine in everyday life

While conventional keys, smartphones, codes or cards can be forgotten, misplaced, lost, or stolen, your finger is always on hand. The ekey dLine fingerprint scanner builds on the proven convenience of keyless access with numerous smart applications.



Your finger as a key

Simply open the door with your finger — without a key, smartphone, code, or card. Be it for running, cycling, inline skating or when the dog wants out: enjoy the freedom to head out as you please.



Remote opening

With the ekey dLine, you can conveniently unlock the door with your smartphone when you are out and about. This means you can open the door for your handyman even if you are still on your way home. Let in your friend at a moment's notice to lend him the pressure washer — even if you are on vacation. Be sure you can let someone into the house if necessary.



Maximum security

For its products, ekey guarantees the highest standard of security against misuse and unauthorized access to the access control system. Only authorized persons can open the door with the ekey dLine fingerprint scanner. The ekey dLine fingerprint scanner is 1,000 times more secure than the 4-digit number code of an ATM card.



Flexibly expandable system

Anyone building or renovating a house is faced with many decisions. Often, not all wishes can be fulfilled immediately. This is not a problem for the ekey dLine, since functions and devices can be added at a later date. Users can be stored, temporarily disabled or deleted.



Push notifications

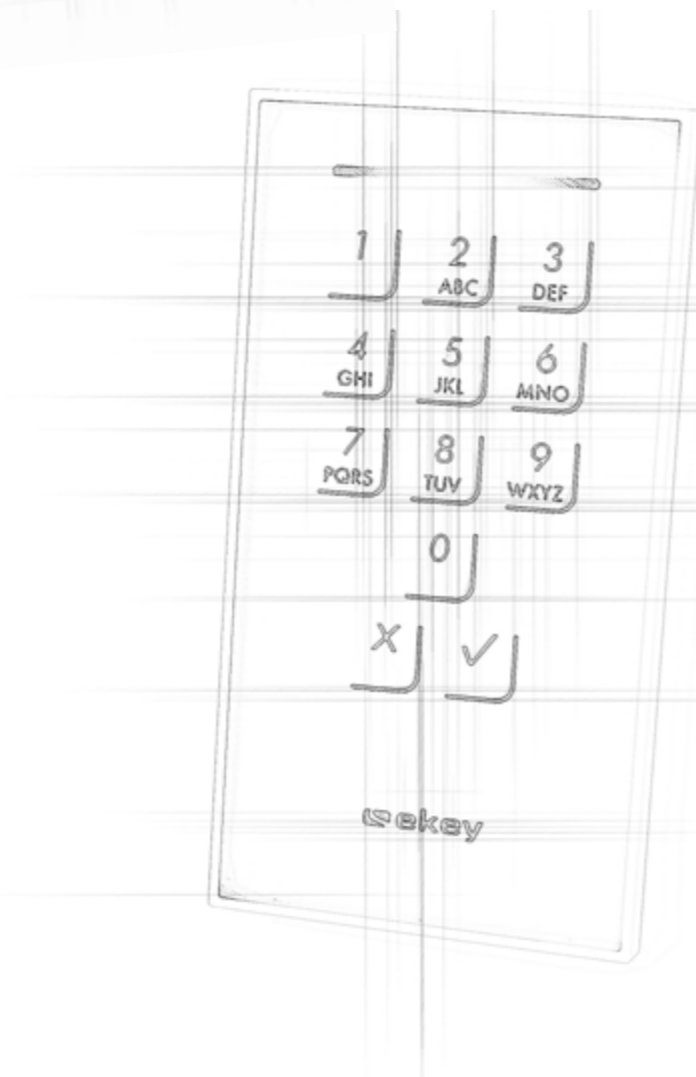
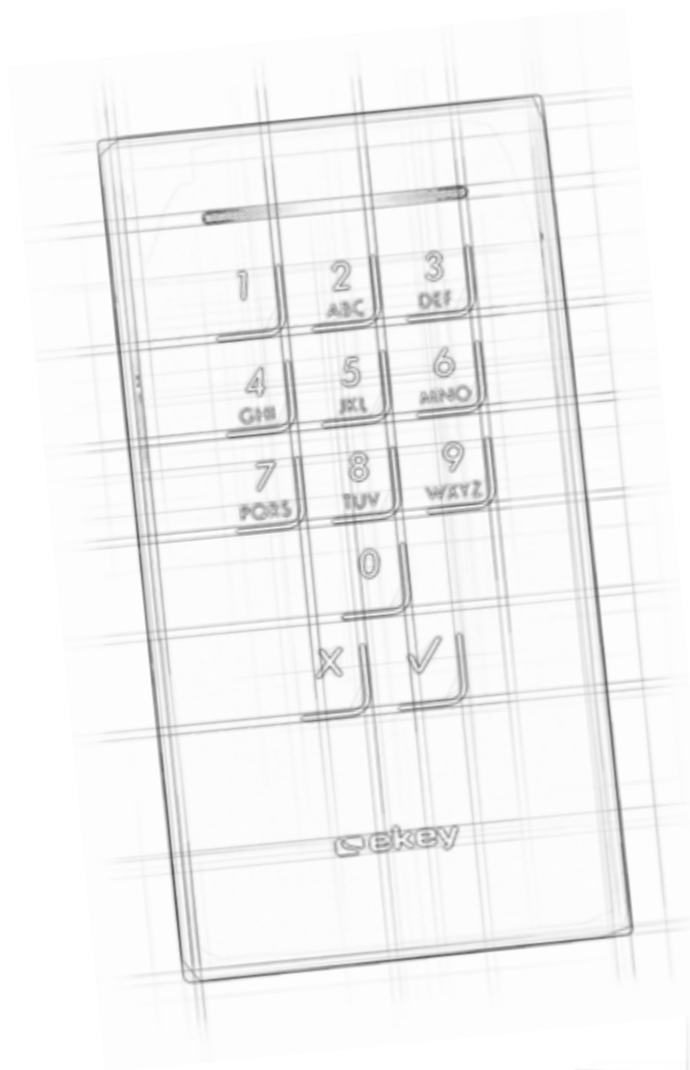
No more uncertainty! If you so wish, you automatically receive a notification on your smartphone as soon as the door has been unlocked. This is useful in many everyday situations, but especially with children. Thanks to the push notification, you can be sure that your child made it home safely from school.



Virtual assistant Amazon Alexa

You are expecting a visit from friends, but you have your hands full at the moment. You don't have to rush to the door when the doorbell rings. A short "Alexa, open the door!" is enough and your guests can enter the house. To do this, simply connect the ekey dLine to the Alexa virtual assistant from Amazon.





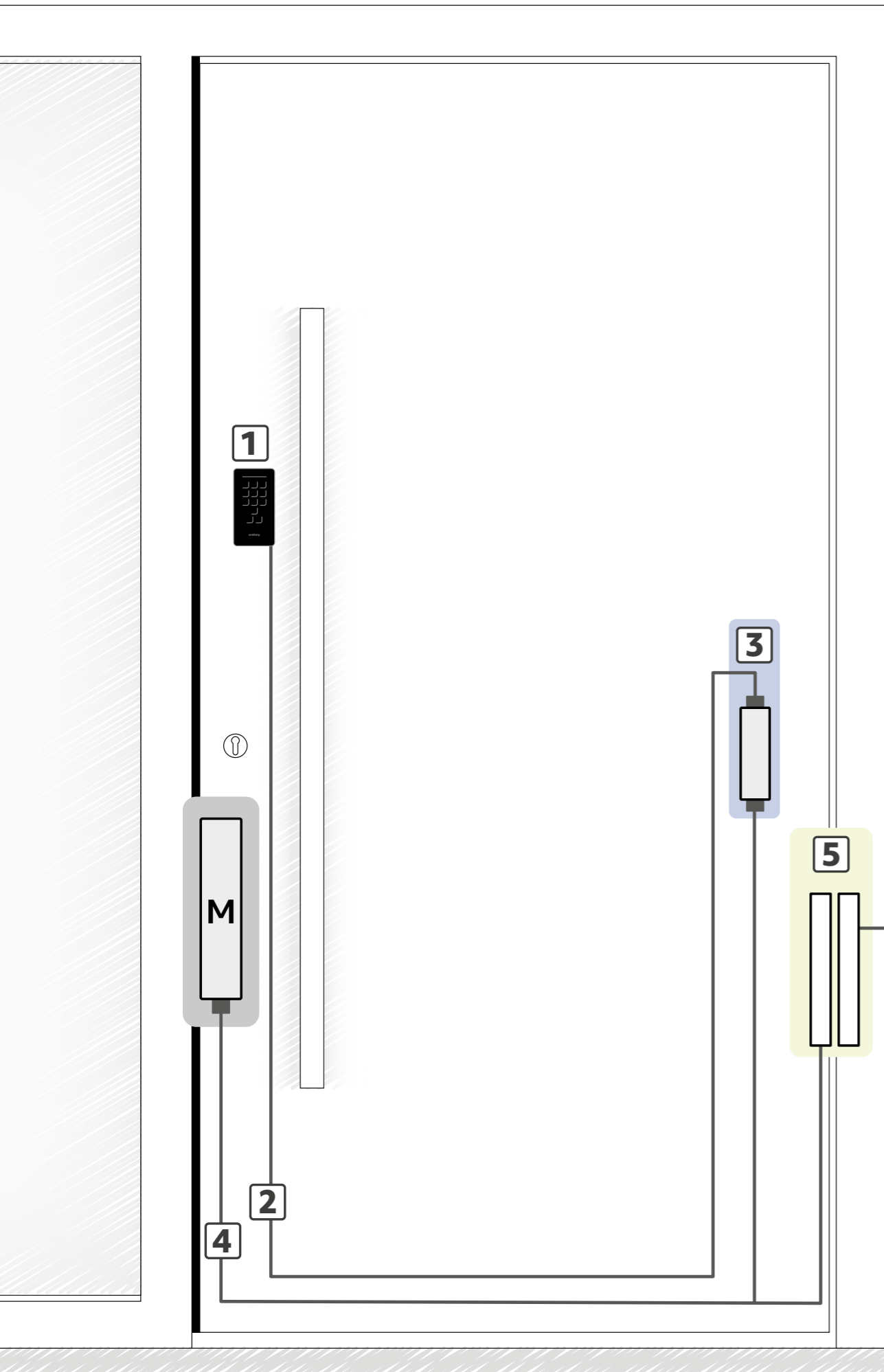
Code pad ekey keypad integra

The code pad ekey keypad integra rounds out the ekey range. The backlit, easy-to-use, capacitive glass keypad is available in anthracite, stainless-steel gray, or white and blends discreetly into the door leaf or frame.

Keys or cards can be forgotten, misplaced, or lost. The code pad has up to 99 different 4 to 8-digit programmable number sequences. This means that each user in the building gets their own access code and if someone is no longer permitted access to the building, their code can be deleted in seconds. The ekey keypad integra itself is equipped with intelligent software that transmits information to the control panel using encrypted communications.

At a glance:

- Backlit, capacitive glass keypad in three color variants
- Perfect integration into the design of doors
- Status information provided by 2 LEDs
- Plug-in cables enabling simple plug & play
- Compatible control panel micro; only one milling process and one cable required



The system

The code pad ekey keypad integra consists of the following components:

- 1** Code pad
- 2** Cable A
- 3** Control panel
- 4** Adapter cable
- 5** ekey cable transfer
Optional component: perfectly matched to the system; only required if no other cable transfer is used.
- 6** ekey power supply
Optional component: Only required if no other power supply is used.

On the following pages, you will find all components in the order overview.

Order overview

Code pad

1 Code pad



Part. no.	Description
101485	ekey home keypad integra
	The ekey home keypad integra is a code pad with a capacitive keypad for the input of access codes.
	Technical specifications: Console: capacitive keypad Dimensions H x W x D: 97.1 x 51.7 x 21.4 mm Power consumption: approx. 1 W Supply voltage: 10–24 VDC Temperature range: -25°C to 70°C IP code: IP54 (with design element) Display: 3 multicolor LEDs Up to 99 different 4- to 8-digit codes can be programmed simultaneously Tamper-proof, data is retained after a power failure Optical and acoustic feedback Modern backlighting (configurable) No design element included in the scope of delivery

Accessories



Part. no.	Description
101677	ekey design element keypad integra glass stainless-steel gray
101678	ekey design element keypad integra glass white
101679	ekey design element keypad integra glass anthracite
101680	ekey dismounting suction cup
	For removing the design element from the ekey keypad integra.

2 Cable A



Part. no.	Description
101564	ekey cable A 1.2 m/4 x 0.14 mm ² , RJ-45/CP35
100505	ekey cable A 2.0 m/4 x 0.14 mm ² , RJ-45/CP35
100560	ekey cable A 2.5 m/4 x 0.14 mm ² , RJ-45/CP35
100561	ekey cable A 3.0 m/4 x 0.14 mm ² , RJ-45/CP35
100556	ekey cable A 3.5 m/4 x 0.14 mm ² , RJ-45/CP35
100507	ekey cable A 4.0 m/4 x 0.14 mm ² , RJ-45/CP35
	The plug-in data and power supply cable connects the code pad integra to the control panel.

3 Control panel

Part. no.	Description
101644	ekey home control panel micro, 1 relay, without housing
101919	ekey home control panel micro, 1 relay
	Technical specifications: Dimensions H x W x D: 75 x 18 x 26 mm Supply voltage: 10–24 VDC 1 relay output (NO contact) 1 digital input for request-to-exit button Reset button on the control panel (Important: depending on the installation variant, the motorized lock or the cable transfer must be removed.) Plug-in connectors (CP35)



Accessories

Part. no.	Description
101881	ekey mounting plate control panel micro round-cut 20 mm
101882	ekey mounting plate control panel micro round-cut 24 mm
101883	ekey mounting plate control panel micro square-cut 20 mm
101884	ekey mounting plate control panel micro square-cut 24 mm
	Technical specifications: Dimensions H x W x D: 200 x 20 (24) x 2.7 mm ABS plastic, unilaterally grained, black



4 Cable transfer side adapter cables

Part. no.	Description
101648	ekey adapter micro GU-SECURY Automatic
101649	ekey adapter micro KFV Genius A, Roto Eneo A, FUHR multi-/autotronic
101650	ekey adapter micro Winkhaus blueMatic EAV
101651	ekey adapter micro KFV Genius B
101759	ekey adapter micro MACO Z-TA Comfort
101998	ekey adapter micro Glutz MINT
101999	ekey adapter micro MSL mFlipLock e-drive
102086	ekey adapter micro ISEO x1R Easy
	Motorized locks from common providers can be connected to the ekey control panel micro and the ekey cable transfer quickly and easily with these adapter cables.



Cable transfer specific

Part. no.	Description
101923	ekey cable set micro GU-SECURY Automatic effeff cable transfer
101924	ekey cable set micro KFV Genius A effeff cable transfer
101944	ekey adapter micro Winkhaus blueMatic EAV Winkhaus cable transfer
101983	ekey adapter micro GU-SECURY Automatic and GU-SECUREconnect 50

5 Cable transfer

8-core cable transfer



Part. no.	Description
100880	ekey cable transfer housing 48 cm/8-core on the door leaf side Technical specifications: Dimensions H x W x D: 511 x 24 x 17.5 mm Housing: on the door leaf side Max. opening angle: 180°
100883	ekey cable transfer without housing/8-core Technical specifications: Max. opening angle: 180°
100885	ekey cable transfer housing 30 cm/8-core on the door leaf side Material/surface: steel/chrome Type of cable: LiYY, 0.34 mm ² -Number of cores: 8 Cable length: 2.5 m on the frame side with an open end 0.8 m on the door leaf side with a plug for connecting to the control panel Technical specifications: Dimensions H x W x D: 24 x 333 x 17.5 mm Housing: on the door leaf side Max. opening angle: 100°

Accessories



Part. no.	Description
201411	ekey dLine cable transfer built-in fitting set, timber
201412	ekey dLine cable transfer replacement cable 10 m The standard ekey dLine cable transfer has a 2.5 m long data and power connection cable on the frame side. If this is too short, it can be exchanged for the 10-meter replacement cable.

6-core cable transfer



Part. no.	Description
101910	ekey cable transfer housing 18 cm/6-core on the door leaf side Technical specifications: Dimensions H x W x D: 230 x 20 x 26.5 mm Housing: on the door leaf side Max. opening angle: 180°
101561	ekey cable transfer without housing/6-core Material/surface: steel/chrome Type of cable: LiF9Y11Y, 0.34 mm ² -Number of cores: 6 Cable length: 2.0 m on the frame side with an open end 1.0 m on the door leaf side with a plug for connecting to the control panel Technical specifications: Max. opening angle: 180°

Accessories

Part. no.	Description
101586	ekey mounting plate cable transfer round-cut 16 mm, for timber door
101587	ekey mounting plate cable transfer square-cut 16 mm, for plastic or aluminum door Technical specifications: Dimensions H x W x D: 126 x 16 x 3 mm



Cable Bm

Part. no.	Description
101639	ekey cable Bm 0.3 m/6 x 0.34 mm ² , CP35/wire end sleeves
101640	ekey cable Bm 1.0 m/6 x 0.34 mm ² , CP35/wire end sleeves
101641	ekey cable Bm 2.0 m/6 x 0.34 mm ² , CP35/wire end sleeves
101642	ekey cable Bm 3.5 m/6 x 0.34 mm ² , CP35/wire end sleeves
101643	ekey cable Bm 0.3 m/6 x 0.34 mm ² , CP35/CP35 Only used with the ekey cable transfers for electrical locking systems which are activated outside the door leaf (e.g. electric strike).



Optional component

Only required when not using an adapter cable or ekey cable transfer.

Cable Bm – Lock specific

Part. no.	Description
101740	ekey cable Bm 0.3 m/4 x 0.25 mm ² , CP35/PAP WH For ekey control panel micro, Winkhaus motorized lock blueMotion/blueMatic, and Winkhaus cable transfer
101816	ekey cable Bm 0.2 m/4 x 0.25 mm ² , CP35/PAP MACO For ekey control panel micro and MACO Z-TA Comfort motorized lock, on the lock side
101987	ekey cable Bm 0.3 m/4 x 0.34 mm ² , CP35/wire end sleeve For ekey control panel micro and e.g. motorized lock KfV Genius A or FUHR multitronic/autotronic, on the lock side
102090	ekey special cable 0.10 m/3 x 0.34 mm ² , PAP/CP35 Special cable for adapter cable micro Winkhaus and Winkhaus tappet contact



6 Power supplies & UPS

Power supplies



Notice

Select the power supply based on the properties of the motorized lock.



Part. no.	Description
100205	ekey power supply DRM 230 VAC/12 VDC/2 A
100891	ekey power supply DRM 230 VAC/24 VDC/2 A
100204	ekey power supply outlet-mounted 230 VAC/12 VDC/2 A
101742	ekey power supply outlet-mounted 230 VAC/24 VDC/1.1 A

Uninterruptible power supply (UPS)

Part. no.	Description
101593	UPS rail-mounted 230 VAC/24 VDC/3 A + rechargeable battery 4 Ah; 6 HP + 9 HP + 9 HP 3 parts: UPS (switched-mode power supply) and 2x rechargeable battery
101559	UPS rail-mounted 230 VAC/12 VDC/5 A +rechargeable battery 4 Ah; 6 HP + 9 HP 2 parts: UPS (switched-mode power supply) and rechargeable battery The uninterruptible power supply secures the power supply of the ekey devices in the event of a power failure. The UPS replaces the power supply. Suitable for use in conjunction with a motorized lock. Technical specifications: Dimensions H x W x D: UPS: 94 x 108 x 95 mm (6 HP) Rechargeable battery: 93 x 157 x 66.5 mm (9 HP) Supply voltage: 100-240 VAC Output voltage/current: 12 VDC/ 5 A Temperature resistance from -10°C to +40°C

Documents

You can download all technical documents for the code pad ekey keypad integra by scanning the QR codes below or by clicking on the links.



Code pad ekey keypad integra

www.ekey.net/en/ekey-keypad-integra/



Mounting instructions

www.ekey.net/en/download-center/?suche=keypad&typ=mounting-instructions



Wiring diagrams

www.ekey.net/en/download-center/?suche=integra&typ=wiring-diagrams



Operating instructions

www.ekey.net/en/download-center/?suche=integra&typ=operating-instructions



Data sheets

www.ekey.net/en/data-sheets





Would you like to find out more about the ekey dLine?

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