

The ekey xLine

Fingerprint scanner for flush-mounting and surface installation

The ekey xLine consists of the following components:

- 1

ekey xLine fingerprint scanner + frame

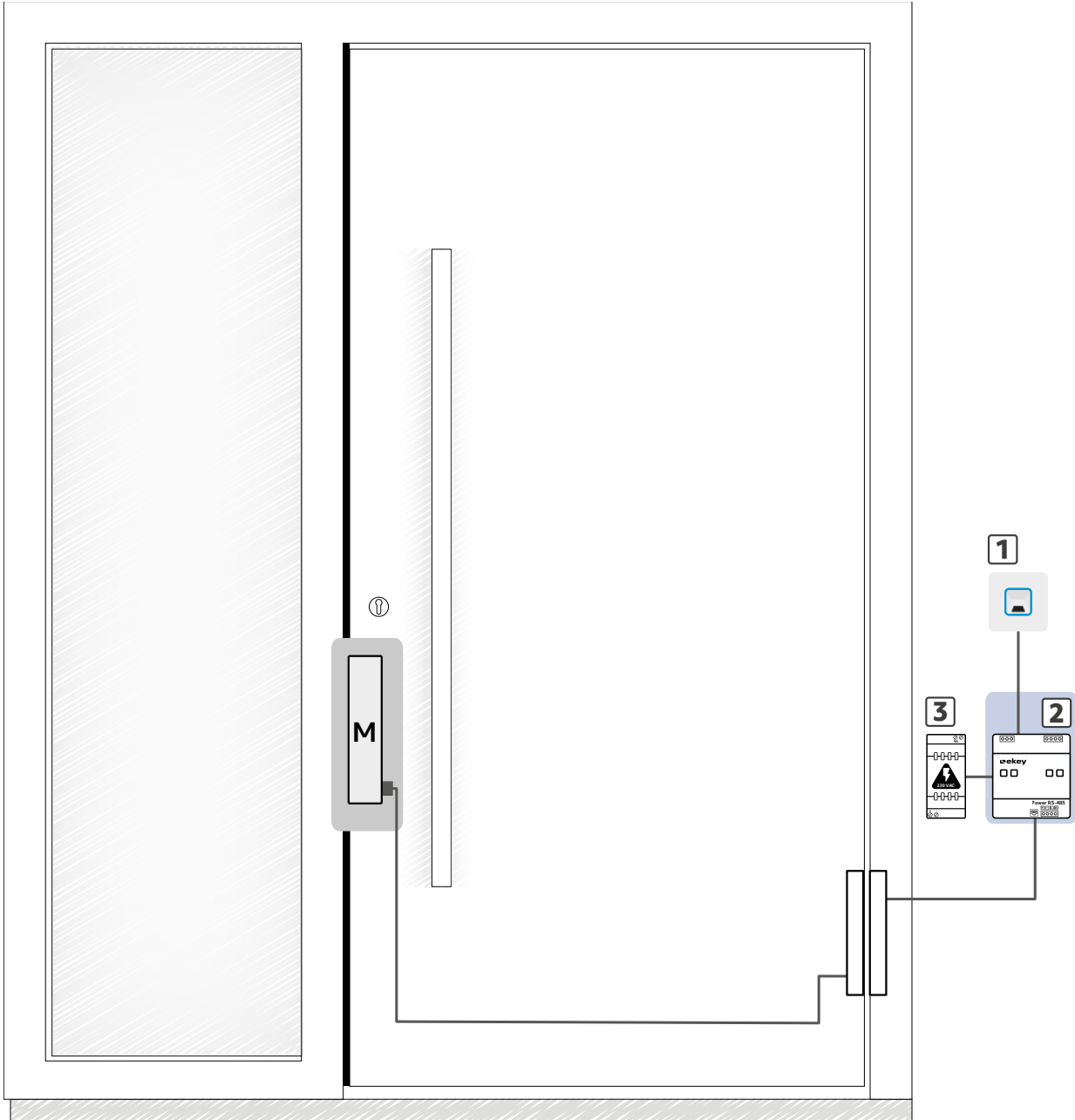
For the ekey xLine fingerprint scanner, the recommended mounting height is between 100 and 110 cm. This also ensures accessibility.
- 2

ekey control unit DRM
- 3

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 flush-mounting and surface installation

1 ekey xLine fingerprint scanner

The ekey xLine fingerprint scanner gives front and side entrance doors or garages smart functions, so that the intelligent use of a building begins at the entrance.

Technical data:

Supply voltage: 12–24 VDC
Communication: WLAN, BLE, RS-485
Mounting: in flush mount back box (68 mm) or ekey xLine wall-mounted housing
Recommended mounting height: 100 cm to 110 cm
IP code: IP54
Status display: 4-segment light ring
Sensor: area sensor
Temperature resistance: -25°C to +70°C



2 ekey control unit DRM

With its two relays, the ekey control unit DRM controls, for example, a motorized lock to open front and side entrance doors or the garage. In addition, the control unit has two inputs for external opening by third-party systems such as, for example, door stations and smart home systems.

Technical data:

Supply voltage: 12–24 VDC
Communication: WLAN, LAN, BLE, RS-485
Mounting: DIN rail, 4 HP
Dry contact relays: 2
Digital inputs: 2





1+2 ekey xLine fingerprint scanner sets

Flush-mounting installation

Part no.	Description
203701	ekey xLine fingerprint scanner set for flush-mounting installation, plastic frame in white
203702	ekey xLine fingerprint scanner set for flush-mounting installation, plastic frame in black
203703	ekey xLine fingerprint scanner set for flush-mounting installation, glass frame in white
203704	ekey xLine fingerprint scanner set for flush-mounting installation, glass frame in black
	The set includes the xLine fingerprint scanner, a matching xLine frame, and the control unit DRM. The light from the light ring creates a particularly beautiful effect in the glass frame.

Wall mounting



Part no.	Description
203705	ekey xLine fingerprint scanner set for wall mounting, made of plastic, in white
203706	ekey xLine fingerprint scanner set for wall mounting, made of plastic, in black
	The set includes the xLine fingerprint scanner, a matching xLine frame, the xLine wall-mounted housing (dimensions H x W x D: 84 x 84 x 39 mm), and the control unit DRM.

Accessories



Part no.	Description
203101	ekey xLine frame for xLine fingerprint scanner, single, made of plastic, in white
203103	ekey xLine frame for xLine fingerprint scanner, single, made of plastic, in black
203105	ekey xLine frame for xLine fingerprint scanner, single, made of glass, in white
203106	ekey xLine frame for xLine fingerprint scanner, single, made of glass, in black
	The ekey xLine frame is used to cover the xLine fingerprint scanner. Thanks to the locking mechanism, mounting and dismounting can be performed without tools. Thanks to the thin frame and modern design, the xLine fingerprint scanner blends in perfectly with its surroundings. The light from the light ring creates a particularly beautiful effect in the glass frame.
	Technical data: Material: plastic/glass Mounting: locking mechanism UV-resistant: yes

Part no.	Description
203304	Wall-mounted housing for ekey xLine fingerprint scanner in white
203305	Wall-mounted housing for ekey xLine fingerprint scanner in black
	With the wall-mounted housing, the ekey xLine fingerprint scanner can be mounted on the wall.
	Technical data: Material: plastic Mounting: wall-mounted Mounting type: with screws and screw anchors IP code: IP54 Dimensions H x W x D: 84 x 84 x 39 mm



3 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



Uninterruptible power supply (UPS)

Part no.	Description
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 Output voltage/current: 12 VDC/ 5 A
101593	UPS rail-mounted 230 VAC/24 VDC/3 A + rechargeable battery 4 Ah; 6 HP + 9 HP + 9 HP
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	3 parts: UPS (switched-mode power supply) and 2x rechargeable battery Output voltage/current: 24 VDC/ 3 A 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 data: 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 Temperature resistance from -10°C to +40°C



Notice

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

Documents

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



Wiring diagrams

www.ekey.net/en/download-center/?modell=xline-en&typ=wiring-diagrams



Mounting instructions

www.ekey.net/en/download-center/?modell=xline-en&typ=mounting-instructions



FAQ about the ekey bionyx system

www.ekey.net/en/bionyx-faq



Data sheets

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



Notes on activation

www.ekey.net/en/download-center/?modell=xline-en&typ=information-sheet



Videos

www.youtube.com/c/ekeybiometricsystems



ekey bionyx app

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



The ekey sLine

Fingerprint scanner for door stations

The ekey sLine consists of the following components:

- 1 ekey sLine fingerprint scanner**
The mounting height is flexible and mounting is possible between 110 and 155 cm, whereby a mounting height of 130 cm is recommended. This also ensures accessibility.
- 2 ekey control unit DRM**
- 3 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.

