iRX
Smart Home.

SIMPLE USE

WI-FI CONNECTION
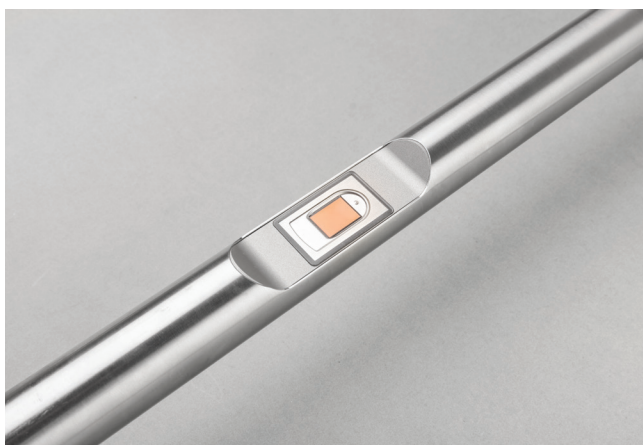
SAFE AND COMFORTABLE

FOR CONNECTED AND CONVENIENT LIVING

iRX Smart Home solutions presents the best smart access control system with proven safety, usage simplicity, and leading design for your home security.

ACCELERATING THE PACE OF INNOVATION

Through the years we were never the silent observers of migration from old window and door hardware solutions to the nowadays highly technological ones, tailored for smart homes and buildings. Experiences, engineering knowledge and valuable partnerships helped us respond to and anticipate market needs, adapt our methods or materials, and innovate. Development of high-quality new products that have left a mark on the industry and decades of experience have shaped our unique path.

iRX
Smart Home.

iNNOVATION Reliability Experience
Intelligence.

iRX biometric fingerprint reader is designed in cooperation with the main European provider of fingerprints readers for biometric access control devices on the market. It is mainly used for private use and small companies, where personal control over every access to your building is necessary. It is easy to assemble, with minimum installation costs.

Biometric reader can be installed in three different ways. One is installing it into the push bar, and the other two options allows us to built-in the biometric reader into the door sash or a wall.

WHY iRX SMART HOME

SMART HOME SOLUTIONS FOR HIGHEST LEVELS OF SECURITY

Bioreader offers a convenient access and highest level of security due to biometric recognition and intelligent data encryption. They eliminate any risk of stolen access codes or portable entry devices. A new range of iRX Smart Home access control systems in combination with Comfort lock provides residents with comfort, security and energy efficiency. With intuitive set up and easy assemblage, smart locks are, at its core, a combination of convenience and security. You can regulate doors with an app remotely and seamlessly, while having a total control on the access system and functionality.

INCREASE YOUR COMFORT AND SIMPLIFY YOUR LIFE WITH OUR SMART LOCK SYSTEM

Our iRX Smart Home solutions are complementing the door lock program, with the help of motorized door locks in combination with various accessories such as fingerprint reader, smart profile cylinder, and handles. iRX Smart Home components can greatly simplify daily entry into the home and at the same time provide a very high level of security. Smart living begins with the smart access control system.

ALWAYS DEVELOPING MORE

To ensure end users with highest levels of security and convenience, we and our business partners are constantly developing new features of our iRX Smart Home solutions.

MAIN FEATURES:

- Possible upgrade for standard range of Comfort CLC door locks.
- Fingerprint reader integrated in door, allows entry based on the finger scan.
- Smart profile cylinder with genuine fingerprint reader and unlock option via remote control.
- The optional touchpad allows entry by entering the code.
- In the event of a power cut a key can be used.

iRX BIOREADER
FINGERPRINT READER

BIOMETRIC READER

iRX Smart Home biometric fingerprint reader, is designed by main European provider of fingerprints readers for biometric access control devices on the market. It is mainly used for private use and small companies, where personal control over every access to your building is necessary. Easy to assemble, with minimum installation costs, Bioreader offers a convenient access and highest level of security due to biometric recognition and intelligent data encryption. They eliminate any risk of stolen access codes or portable entry devices. The fingerprint is simply held in front of the reader on the doorknob and upon identification the door unlocks itself.

Biometric reader can be installed in three different ways. One is installing it into the push bar, and the other two options allows us to built-in the biometric reader into the door sash or a wall.
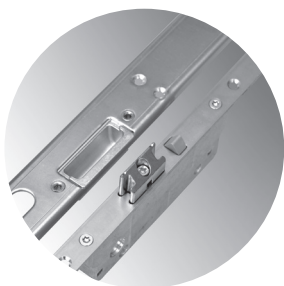
The new R7 product line combines two technologies - STAND ALONE and WI-FI in one device. The user can choose between operating the fingerprint reader with the keys on the control unit and operating via a smartphone application.

The main features of BIOMETRIC READER are:

- Possible upgrade for standard range of Comfort CLC door locks.
- Fingerprint reader allows entry based on the finger scan.
- The optional touchpad allows entry by entering the code.
- In the event of a power cut a key can be used.
- Capacitive fingerprint sensor using an ID3 algorithm for biometric data processing.

SET INCLUDES:

- Fingerprint reader,
- Electric motor,
- Door lock with one-piece striker,
- Control unit with cables,
- Power supply.

APP CONTROL	ANALOG CONTROL
Fingerprint Capacity: 166	Fingerprint Capacity: 166
Number of Admins: unlimited	Number of Admins: 3
Number of Relays: 1 or 2	Number of Relays: 1 or 2

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iRX BIOHANDLE

PULL HANDLE WITH BUILT-IN FINGERPRINT READER

HANDLES WITH BIOMETRIC READER

Handles with biometric readers are a result of a perfect combination of aesthetics and functionality, while at the same time ensure the end user with a high level of security. Fingerprint reader can be integrated in the front or in the back side of the handle. Handles with biometric readers are available in a rectangle and round shape and different colors.

The main features of HANDLES WITH BIOMETRIC READER are:

- Fingerprint reader allows entry based on the finger scan.
- The optional touchpad allows entry by entering the code.
- In the event of a power cut a key can be used.
- Capacitive fingerprint sensor using an ID3 algorithm for biometric data processing.

SET INCLUDES:

- Pull handle with built-in fingerprint reader,
- Electric motor,
- Door lock with one-piece striker,
- Control unit with cables,
- Power supply.

APP CONTROL

Fingerprint Capacity: 166

Number of Admins: unlimited

Number of Relays: 1 or 2

ANALOG CONTROL

Fingerprint Capacity: 166

Number of Admins: 3

Number of Relays: 1 or 2

iRX BIOCYLIDER

SMART CYLINDER WITH FINGERPRINT READER

BIOCYLINDER

Battery operated iRX Smart Home fingerprint cylinder enables you to lock and unlock your doors by means of fingerprints. The installation of this product is easy; simply change the existing key-lock cylinder for the iRX Smart Home fingerprint cylinder. There is absolutely no need to replace any of the existing doors. The length of the cylinder can be adjusted to fit a wide field of different doors; thus, it can be easily reused. The fingerprint is simply held in front of the reader on the doorknob and upon identification the door unlocks or locks itself. The cylinder can also be opened from up to 10 meters via Remote Control or the Wireless Switch.

The main features of BIOCYLINDER are:

- For private use and small companies.
- Easy to adjust – there is no need for replacing any of existing door parts.
- Remote opening up to 10 m via remote control or Wireless switch.
- MEMORY SIZE: 999 fingerprints,
- OPERATING TEMPERATURE: -40°C to 80°C,
- BATTERY: 3x AAA 1,5 V
- BATTERY LIFE: ca. 1 year
- PROTECTION CLASS: IP44
- DOORKNOBS: outside Ø 46 mm, inside Ø 36 mm
- LENGTH: adjustable 70–120 mm
- COLOR / MATERIAL: stainless steel

SET INCLUDES:

- Door lock with one-piece striker.
- Smart cylinder with fingerprint reader.

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Smart systems

Smart components for door locks
Detailed information

iRX BIOMETRICS

About

EASY TO USE

WI-FI CONNECTION

SAFE AND CONVENIENT

iRX biometrics offers one of the best biometric access control devices on the market. Devices are mainly used for private use and small companies.

iRX biometrics products are only CLC door lock compatible.

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iRX BIOMETRICS

Products

BAR HANDLES WITH FINGERPRINT READER:
- Rectangle shaped bar handle,
- Round shaped bar handle,
- Round shaped bar handle with 45° offset holders.

CONTROL UNITS
WITH CABLE TRANSFERS

TOUCHPADS AND
FINGERPRINT SCANNERS

DIFFERENT
CONNECTION CABLES

POWER
SUPPLYS

OTHER SMART ACCESSORIES:
- Electric motors,
- Smart cylinders with fingerprint scanners,
- Smart stands for exhibitions.

Some control units and bar handles are available in WI-FI versions which in comparison with standard version, offer additional functions such as; LARGER fingerprint capacity, LARGER list of admins, history of events, free pass mode etc.

SMART ACCESSORIES
Portfolio

(1) R7 RECTANGLE BAR HANDLE with FINGERPRINT SCANNER

L	W	H	P	X	PACK	MATERIAL
600	40	20	400	200	1	1133507
1000	40	20	800	240	1	1137127
1500	40	20	1400	540	1	1137128

(2) R7 ROUND BAR HANDLE 90° with FINGERPRINT SCANNER

∅	H	P	X	POS	PACK	MATERIAL
30	600	400	200	/	1	1137129
30	1000	800	240	/	1	1137130
30	1800	1400	540	/	1	1137131

(3) R7 ROUND BAR HANDLE 45° with FINGERPRINT SCANNER

∅	H	P	X	POS	PACK	MATERIAL
30	600	400	200	L	1	1137132
30	1000	800	240	L	1	1137133
30	1800	1400	540	L	1	1137134
30	600	400	200	R	1	1137135
30	1000	800	240	R	1	1137136
30	1800	1400	540	R	1	1137137

(4) R7 TOUCHPAD SB

ADMIN MEMORY	MEMORY	PACK	MATERIAL
1	100	1	1142834

(5) R7 FINGERPRINT SCANNER - built-in

ADMINISTRATORS	MEMORY	PACK	MATERIAL
3	166	1	1133501

(6) R7 CONTROL UNIT

Description		
CONTROL UNIT WITH CABLE TRANSFER	1	1133502

(7) CABLE TRANSFER

CABLE TRANSFER with CONNECTORS		1138399

(8) POWER SUPPLY

POWER SUPPLY DIN 12 V, 2 A		1134750

(9) ELECTRIC MOTOR

ELECTRIC MOTOR		1133509

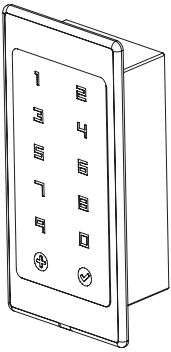**(10) CABLES**

Y YELLOW CABLE (Y = 10 cm + 2 x 10 cm)		1142831
YELLOW CABLE (350 cm)		1133504
RED CABLE (350 cm)		1133503

10 iRX
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1

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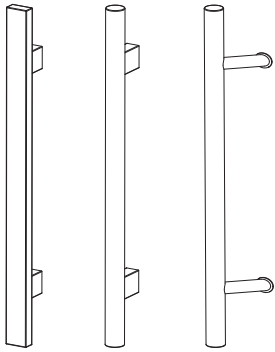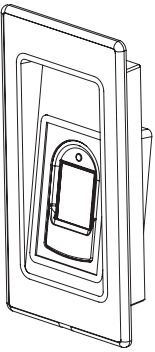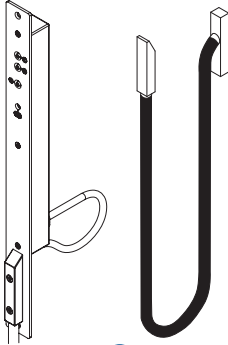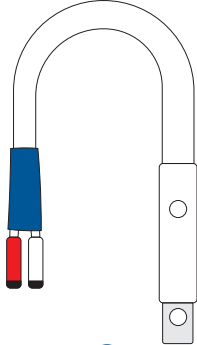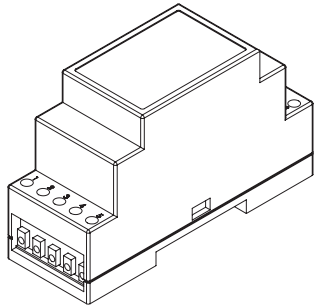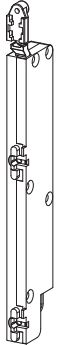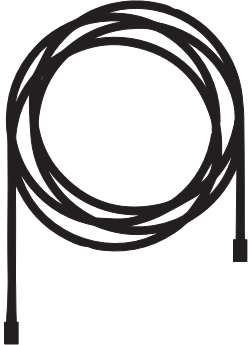
R7 BAR HANDLES with FINGERPRINT SCANNER
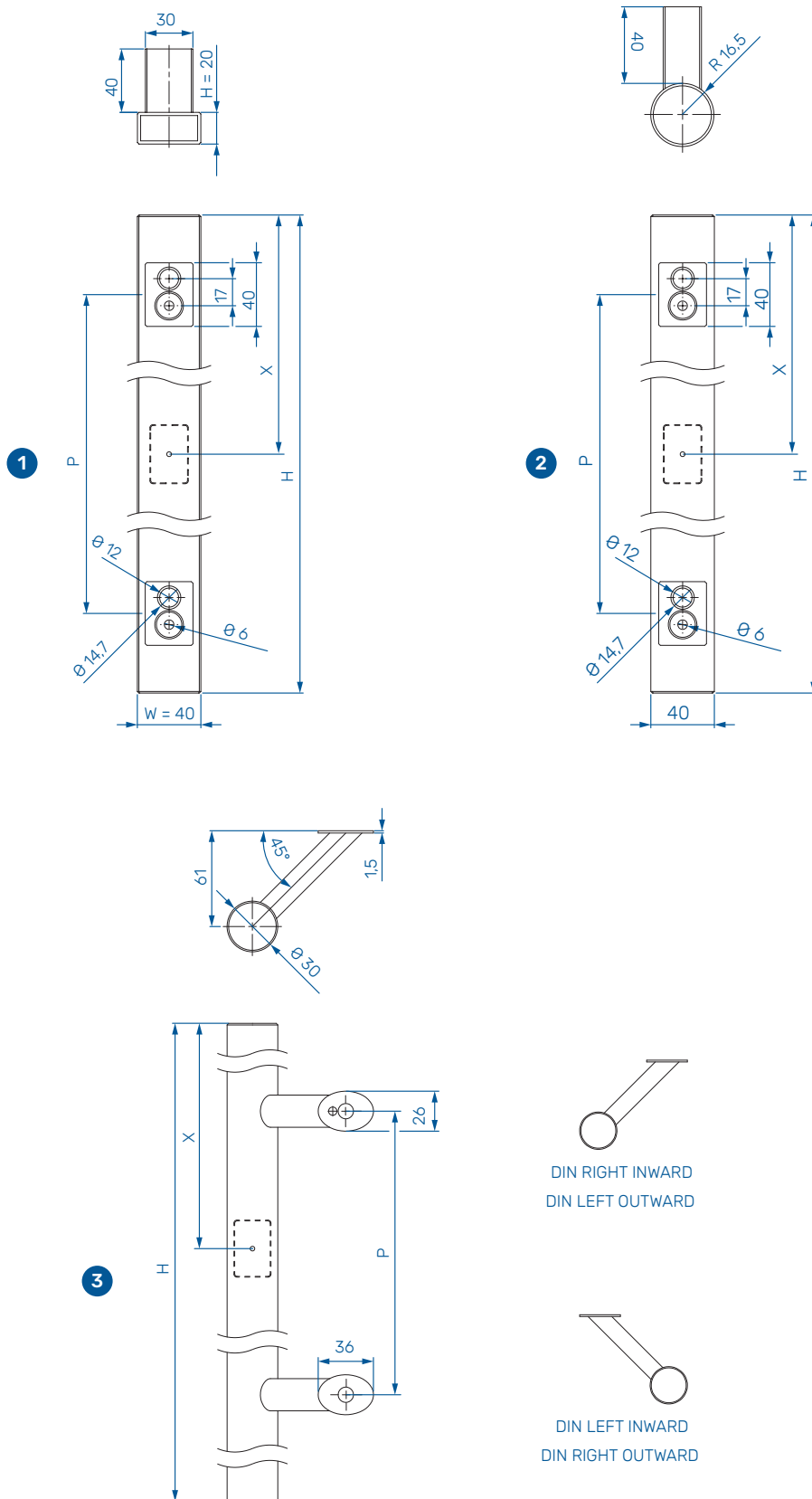
DIN RIGHT INWARD
DIN LEFT OUTWARD

DIN LEFT INWARD
DIN RIGHT OUTWARD

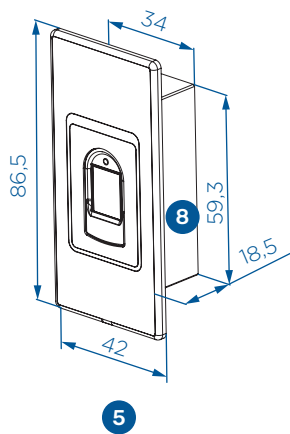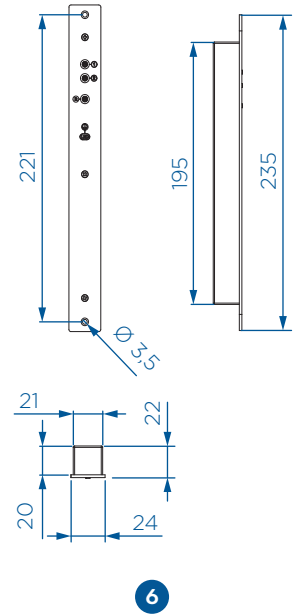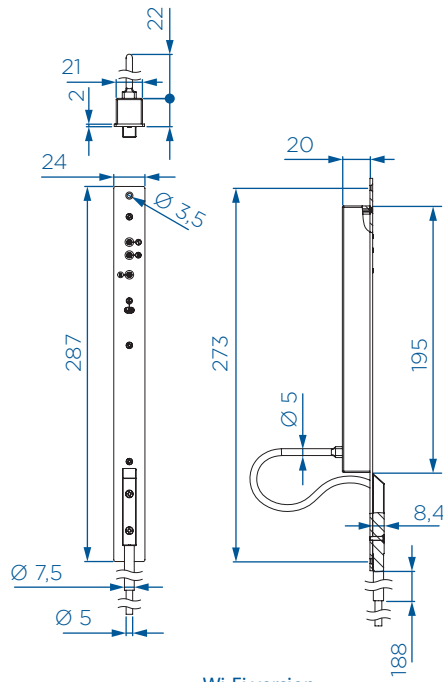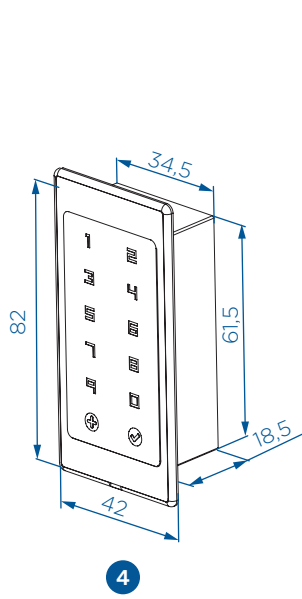## OTHER PARTS

4

6

Wi-Fi version

6

5

8

210

37

16

Assembly connecting part + door lock
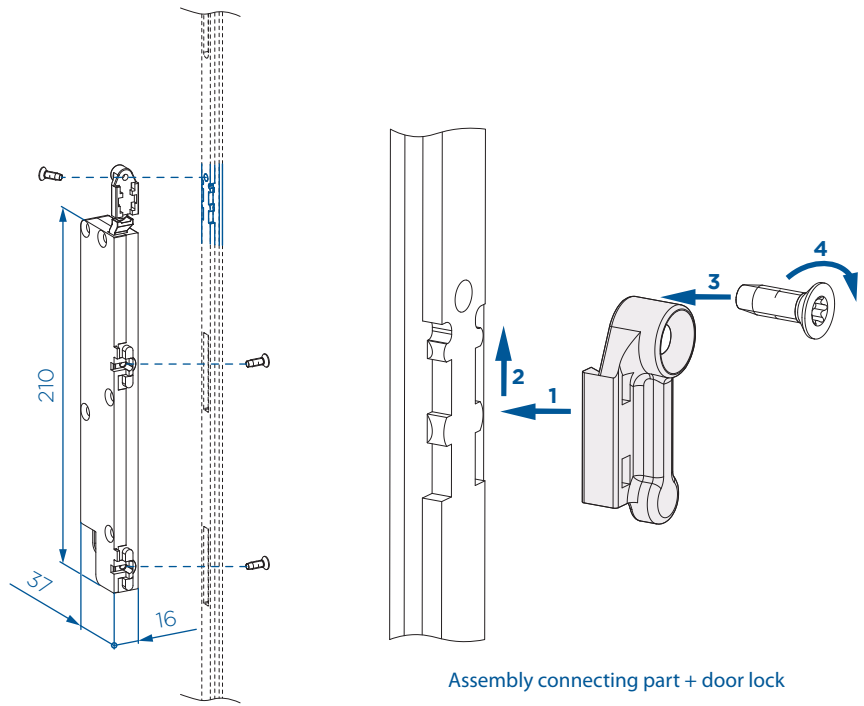
SMART ACCESSORIES
Connection diagrams

INSTALLATION IN DOOR LEAF CONNECTION DIAGRAM

Handle with Wi-Fi fingerprint reader

Electric motor

Standalone fingerprint scanner

OR

12 V DIN power supply

12 V

220 V

Wi-Fi control unit for ALU / PVC doors - cable transfer included

| 9 | Yellow cable - reader - 350 cm |
| | Red cable - el. motor - 350 cm |
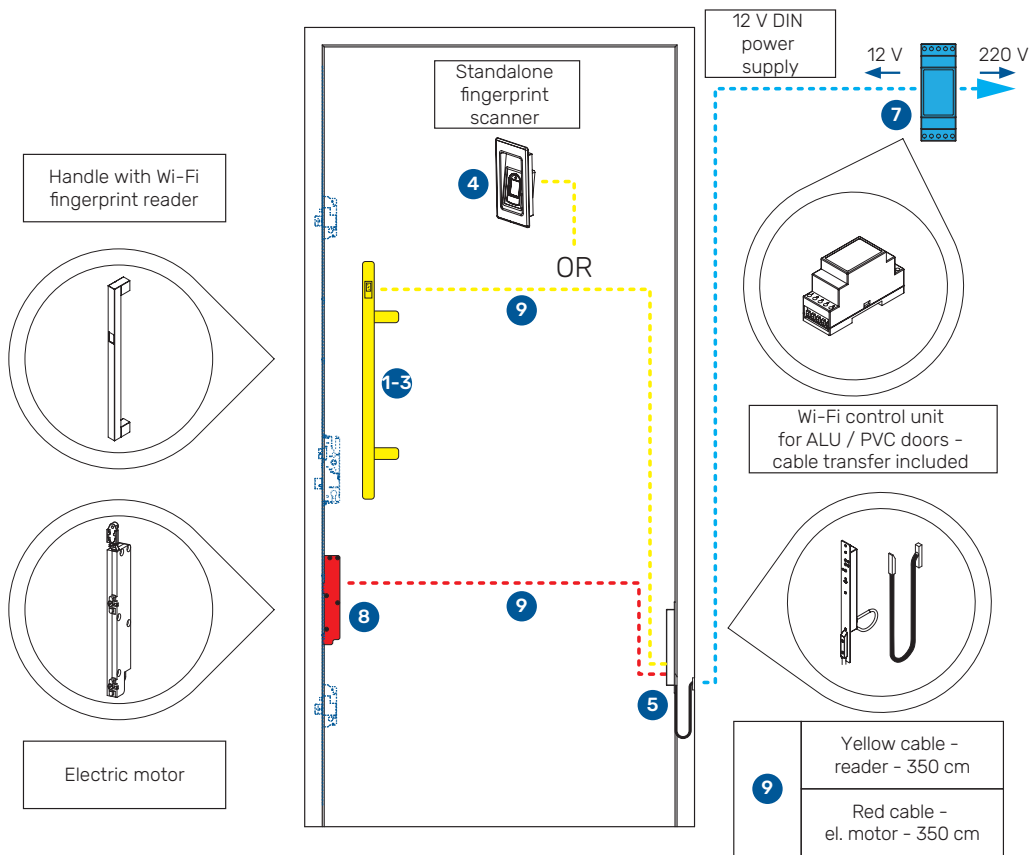
CONTROL UNIT CONNECTION DIAGRAM

4000

BLUE (GND -)
RED (+ 12 / 24 V)
YELLOW (SIGNAL)
BROWN (C)
GREEN (NO)
WHITE

POWER SUPPLY 12 / 24 V

INTERCOM

RELAY 2

FREE
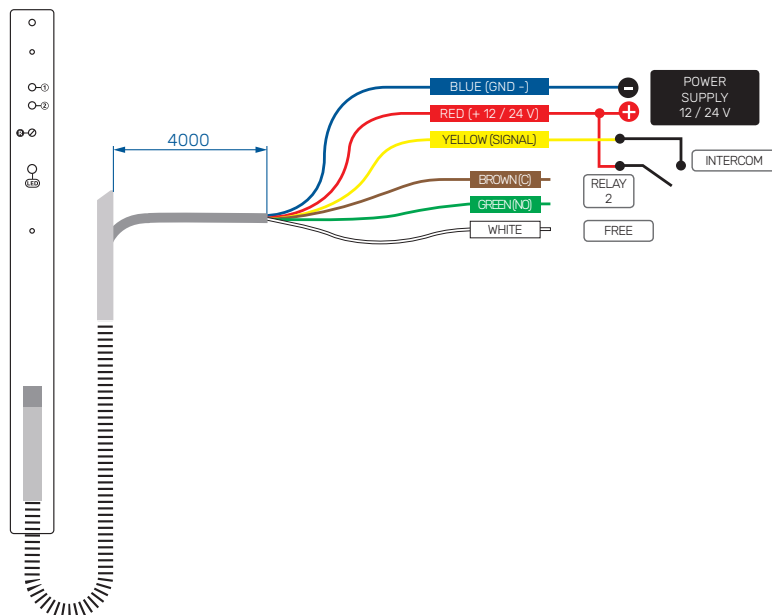
INTERCOM CONNECTION DIAGRAM

12 V DIN power supply

12 V

220 V

7

9 | Red cable – el. motor – 350 cm

8

9

6

Electric motor
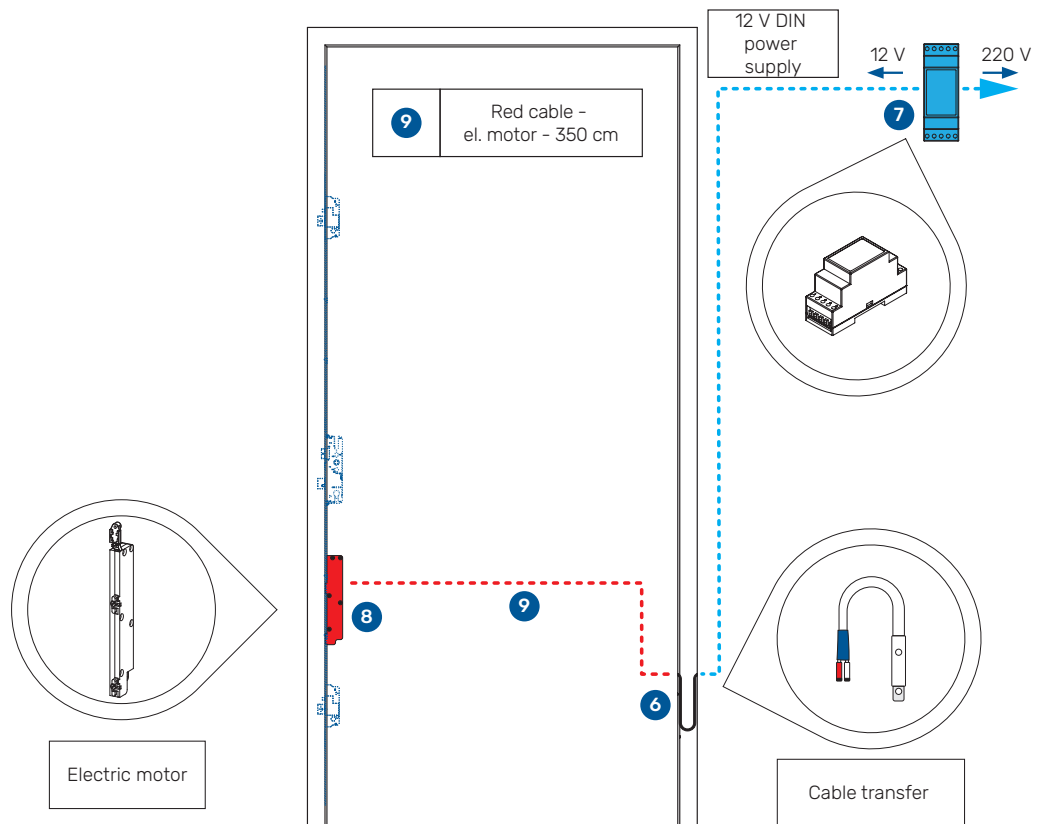
Cable transfer

CABLE TRANSFER CONNECTION DIAGRAM

RED	+ 12 / 24 V
BLUE	GND –
WHITE	SIG – INTERCOM
YELLOW	SIG – INTERCOM
GREEN	LED +
BROWN	LED GND –

400

80

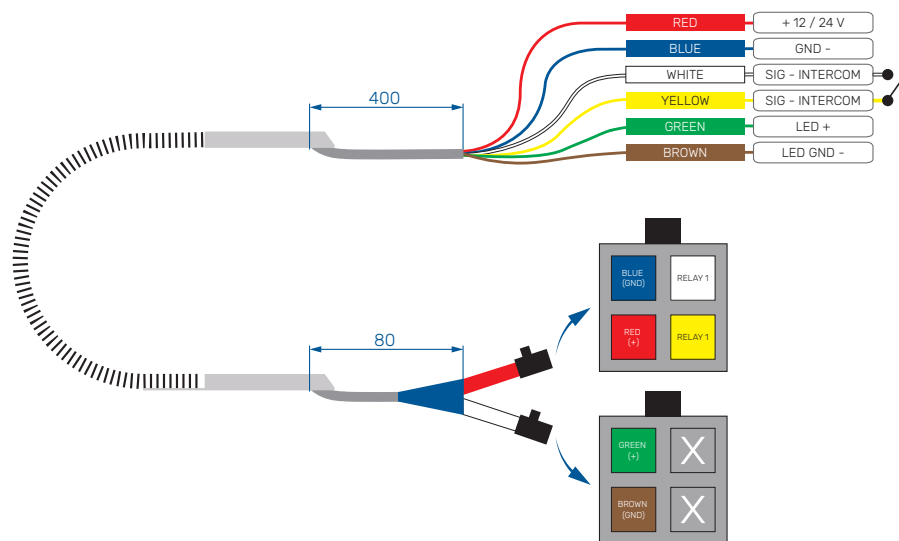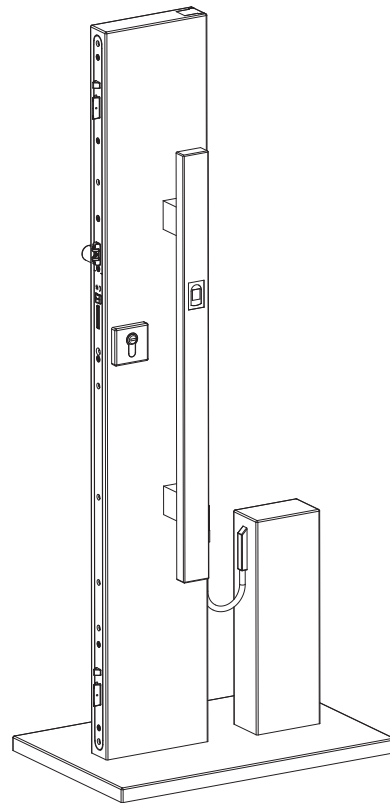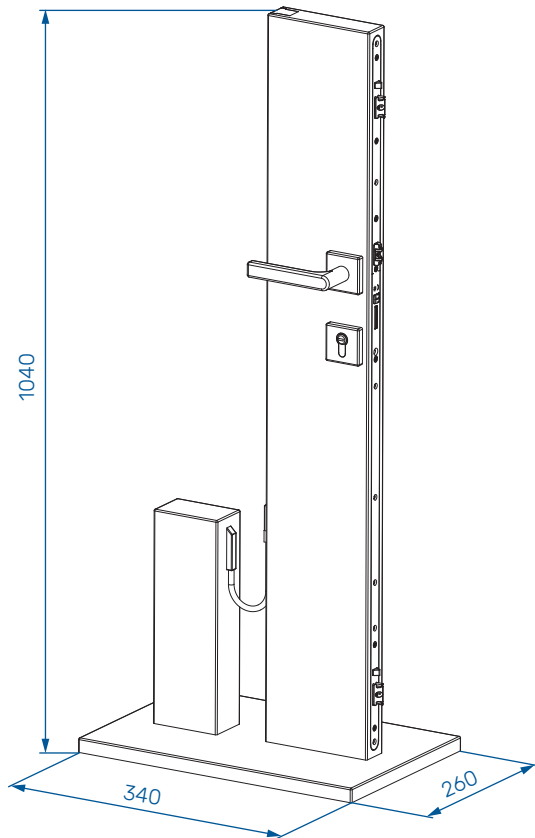| BLUE (GND) | RELAY 1 |
| RED (+) | RELAY 1 |

| GREEN (+) | X |
| BROWN (GND) | X |

EXHIBIT SMART STAND

Height of lock: 1000 mm

1 EXHIBIT SMART STAND SET [1]

LOCK	SMART	PACK	MATERIAL
CLC with DRF	yes	1	1136822

[1] SMART STAND'S MASS = 15 kg

1136822 – ARX EXHIBIT SMART STAND SET

1136821 – ARX SMART Wooden Stand

1136825 – ARX Door Lock CLC 2LB DRF

1133502 – ARX SMART Transfer unit

1133504 – ARX SMART Yellow cable

1134750 – ARX SMART Power supply

1133503 – ARX SMART Red cable

1131966 – ARX SMART El. Motor

1135313 – ARX Profile cylinder

1136734 – ARX Rosette

1133507 – ARX Handle with fingerprint scanner

1136732 – ARX Door handle

1135313 – ARX Profile cylinder

1136734 – ARX Rosette

SMART PROFILE CYLINDER

SMART cylinder with fingerprint scanner

SMART	PACK	MATERIAL
yes	1	1133428

* **MEMORY SIZE:** 999 fingerprints,
* **OPERATING TEMPERATURE:** -40°C to 80°C,
* **BATTERY:** 3x AAA 1,5 V,
* **BATTERY LIFE:** ca. 1 year,
* **PROTECTION CLASS:** IP44,
* **DOORKNOBS:** outside Ø 46 mm, inside Ø 36 mm,
* **LENGTH:** adjustable 70 - 120 mm,
* **COLOR / MATERIAL:** stainless steel,
* No need for replacing any of exsisting door parts,
* Remote opening up to 10 m via remote control or Wireless switch.

Battery operated iRX Smart Home fingerprint cylinder enables you to lock and unlock your doors by means of fingerprints. The installation of this product is easy; simply change the existing key-lock cylinder for the iRX Smart Home fingerprint cylinder. There is absolutely no need to replace any of existing doors. The lenght of the cylinder can be adjusted to fit a wide field of different doors, thus it can be easily reused. The fingerprint is simply held in front of the reader on the doorknob and upon identification the door unlocks or locks itself. The cylinder can also be opened from a distance of up to 10 meters via Remote Control or the Wireles Switch.

NOTES

iRX Smart Home

- INSTALLATION INSTRUCTIONS,
- INSTRUCTIONS FOR USE,
- PRODUCT PORTFOLIO PRESENTATION,
- NOVELTIES.

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iNNOVATION Reliability Experience

Intelligence.

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