Electrical installation solutions for buildings
Door entry system

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You may also visit our Door entry systems website:

Door entry system
ABB-Welcome - Family home kits

Dimensions: 315 x 184 x 295 mm

Door entry system

ABB-Welcome - Family home kits

Set	Description	Without Induction loop	With indution loop
Video kit	**Mini OS kit** – Mini video outdoor station, 1 pushbutton, aluminum – Basic 4.3" video hands-free indoor station – Mini system controller	**M20361** 	
Video kit	**Mini OS kit, with ID function** – Mini video outdoor station, 1 pushbutton, with ID card reader, aluminum – Basic 4.3" video hands-free indoor station, with induction loop – Mini system controller – Proximity key fob, ID card, white – Proximity key fob, ID card, black – ID sticker		**M20363**

Door entry system

ABB-Welcome - Family home kits

Set	Description	Without Induction loop	With indution loop
Video kit	**Video 2 family kit** – Mini video outdoor station, 2 push button, aluminum – 2× Basic 4.3" video hands-free indoor station, white – Mini system controller	**M20362** 	
Video kit	**Video 2 family kit** – Mini video outdoor station, 2 push button, with ID card reader, aluminum – 2× Basic 4.3" video hands-free indoor station, with indcution loop, white – Mini system controller – Proximity key fob, ID card, white – Proximity key fob, ID card, black – ID sticker		**M20364**
Video kit	**Video 1 family kit** – Mini video outdoor station, 1 push button, aluminum – 4.3" Colour video handset indoor station, white – Mini system controller	**M20371** 	
Video kit	**Video 1 family kit** – Mini video outdoor station, 1 pushbutton, aluminum – 4.3" Video hands-free indoor station – Mini system controller	**M20381** 	

Door entry system

ABB-Welcome - Outdoor stations

Outdoor station-aluminium

Mini outdoor station, one button / two buttons

- Compact size, surface mounted and flush mounted optional
- 1 button and 2 buttons optional, built-in ID card reader
- Clean design with integrated status display
- Light switch or calling guard programmable for the 2nd button
- Up to 2 locks connections
- Dustproof and waterproof as IP54, and vandal proof as IK07
- Product dimensions
  Mini video outdoor station (99mm width, SM): 168 x 99 x 26 mm
  Mini video outdoor station (105mm width, FM): 180 x 105 x 43 mm
  Pre-installation box: 174 x 98 x 45 mm

Article No.	Order No.	Description	Pack Qty
M21312P1-A		Mini video outdoor station (99mm width, SM), 1 pushbutton, with ID card reader, with surface-mounted box	1/16
M21312P2-A		Mini video outdoor station (99mm width, SM), 2 pushbuttons, with ID card reader, with surface-mounted box	1/16
M21311P1-A		Mini video outdoor station (99mm width, SM), 1 pushbutton, with surface-mounted box	1/16
M21311P2-A		Mini video outdoor station (99mm width, SM), 2 pushbuttons, with surface-mounted box	1/16
M21362P1-A		Mini video outdoor station (105mm width, FM), 1 pushbutton, with ID card reader with flush-mounted box	1/19
M21362P2-A		Mini video outdoor station (105mm width, FM), 2 pushbuttons, with ID card reader with flush-mounted box	1/19
41361F		Pre-installation box	1/19

Door entry system

ABB-Welcome - Outdoor stations

Video outdoor station with keypad

Description	Video outdoor station with A/V module, display module & keypad module	
Features	- LED indicater for real-time status:all established / system busy, communication possible and door unlocked. - Built-in infrared lighting ensures clear picture and comfortable to eyes at night and hidden surveillance from video indoor station. - Anti-fog design with built-in heater ensures clear image even in wet conditions. - One lock can be directly connected without independent power supply for the lock. - Additional terminal for second lock is available. - Easy to set default lock by one dip-switch - Lock release time and speaker volume are adjustable. - Integrated optic sensor for day / night mode. - Enable/disable outdoor station's acoustic feedback when pressing button - Support local power supply (20-30 V DC) - Support to release the default lock by pressing local exit button - Support to establish the call by enter room number or by searching name through display - Support to open the door by swiping ID or IC/DESFire card on display module - Support to open the door by entering correct password through keypad module - Wiegand output available, support 26 bits (default) and 34 bits - Surface mounting and flush mounting is optional	
Technical details	- Dimensions: 349 x 135 x 29 mm - Input (a, b): 20-30 V DC - Operating current: 24 V DC, 380 mA - Standby current: 24 V DC, 240 mA - Operating temperature: -40 °C…+55 °C - Image sensor: CMOS sensor 1/3.2" - Effective pixels : 1297 (H) x 977 (V) - Resolution: 550 TV lines - Detection angle: H 100°, V 70°, D 130° - Camera Standard :PAL/NTSC - Power supply for door opener (LOCK - GND): 18 V DC, 4 A impulse, max. 250 mA holding - Floating output for door opener (COM -NC - NO): 30 V AC/DC, 1 A - Wiegand output: 26 bits (default) and 34 bits - Dustproof and waterproof: IP54 - Vandal proof: IK07 - Single-wire/fine-wire clamps: 2 x 0.28 mm^2…2 x 0.75 mm^2	
Version	Aluminum, with IC card	Aluminum, with ID card
Article no. **Order no.**	M21382K-A 2TMA210010A0053	M21381K-A 2TMA210010A0051

Standalone keypad module

Available time: Q2,2020

Description	Standalone keypad module connects to ABB-Welcome door communication by 2-wire cable
Features	- Enables the opening of the door using a numerical code. - 1800 passwords can be taught in. - Enables control switch actuator with lights connected. - Standalone operation together with system controller (power supply) and switch actuator (security connection for the electrical door opener or light). - Programming directly on the module. - Mounting tool is enclosed. - Surface mounting and flush mounting is optional
Technical details	- Dimensions: 139 x 135 x 29 mm - Rating current: 24 V DC, 25 mA - Operating temperature: -40 °C…+55 °C - Dustproof and waterproof: IP54 - Vandal proof: IK07 - Single-wire/fine-wire clamps: 2 x 0.28 mm^2…2 x 0.75 mm^2
Version	Stainless steel
Article no. **Order no.**	M2700KP-S 2TMA200160X0005

Door entry system

ABB-Welcome - Outdoor stations

Standalone transponder module

Available time: Q2,2020

Description	Standalone transponder module connects to ABB-Welcome door communication by 2-wire cable
Features	- Enables the opening of the door using a key card. - 1800 users can be taught in. - Programming directly on the module or using PC management software (requires 2-wire adaptor M2308). - Standalone operation together with system controller (power supply) and switch actuator (security connection for the electrical door opener). - Mounting tool is enclosed. - Surface mounting and flush mounting is optional
Technical details	- Dimensions: 139 x 135 x 29 mm - Rating current: 24 V DC, 30 mA - Operating temperature: -40 °C…+55 °C - Dustproof and waterproof: IP54 - Vandal proof: IK07 - Single-wire/fine-wire clamps: 2 x 0.28 mm^2…2 x 0.75 mm^2
Version	Stainless steel
Article no. **Order no.**	M2700TP-S 2TMA200010X0001

Standalone fingerprint module

Available time: Q2,2020

Description	Standalone fingerprint module connects to ABB-Welcome door communication by 2-wire cable
Features	- Enables the opening of the door using a fingerprint scanner. - 64 users can be taught in. - Programming directly on the module or using PC management software (requires 2-wire adaptor M2308). - Standalone operation together with system controller (power supply) and switch actuator (security connection for the electrical door opener). - Mounting tool is enclosed. - Surface mounting and flush mounting is optional
Technical details	- Dimensions: 139 x 135 x 29 mm - Rating current: 24 V DC, 60 mA - Operating temperature: -40 °C…+55 °C - Dustproof and waterproof: IP54 - Vandal proof: IK07 - Single-wire/fine-wire clamps: 2 x 0.28 mm^2…2 x 0.75 mm^2
Version	Stainless steel
Article no. **Order no.**	M2700FP-S 2TMA200160X0007

Door entry system

ABB-Welcome - Outdoor station modules

Audio/video module

Description	Audio/video module is the heart of video outdoor station	
Features	- LED indicater for real-time status:all established / system busy, communication possible and door unlocked. - Built-in infrared lighting ensures clear picture and comfortable to eyes at night and hidden surveillance from video indoor station. - Anti-fog design with built-in heater ensures clear image even in wet conditions. - One lock can be directly connected without independent power supply for the lock. - Additional terminal for second lock is available. - Easy to set default lock by one dip-switch - Lock release time and speaker volume are adjustable. - Integrated optic sensor for day / night mode. - Enable/disable outdoor station's acoustic feedback when pressing button - Manage the working mode and functionality of pushbutton outdoor station - Support local power supply (20-30 V DC) - Support to release the default lock by pressing local exit button - Induction loop functionality is possible on Article M251382M when assembeing with stainless steel frame.	
Technical details	- Dimensions: 143 x 71 x 28 mm - Input (a, b): 20-30 V DC - Operating current: 24 V DC, 200 mA - Standby current: 24 V DC, 60 mA - Operating temperature: -40 °C...+55 °C - Image sensor: CMOS sensor 1/3.2" - Effective pixels : 1297 (H) x 977 (V) - Resolution: 550 TV lines - Detection angle: H 100°, V 70°, D 130° - Camera Standard :PAL/NTSC - Power supply for door opener (LOCK - GND): 18 V DC, 4 A impulse, max. 250 mA holding - Floating output for door opener (COM -NC - NO): 30 V AC/DC, 1 A - Single-wire/fine-wire clamps: 2 x 0.28 mm^2...2 x 0.75 mm^2	- Dimensions: 143 x 71 x 28 mm - Input (a, b): 20-30 V DC - Operating current: 24 V DC, 230 mA - Standby current: 24 V DC, 60 mA - Operating temperature: -40 °C...+55 °C - Image sensor: CMOS sensor 1/3.2" - Effective pixels : 1297 (H) x 977 (V) - Resolution: 550 TV lines - Detection angle: H 100°, V 70°, D 130° - Camera Standard: PAL/NTSC - Power supply for door opener (LOCK - GND): 18 V DC, 4 A impulse, max. 250 mA holding - Floating output for door opener (COM -NC - NO): 30 V AC/DC, 1 A - Single-wire/fine-wire clamps: 2 x 0.28 mm^2...2 x 0.75 mm^2
Version	Standard	with speech synthesis, T-loop
Article no. **Order no.**	M251381M 2TMA200160N0043	M251382M 2TMA200160N0044

Audio module

Description	Audio module is compulsory for audio outdoor station composition.
Features	- 3 LED indicators for operation status indications: call established / system busy, communication possible and door unlocked. - One lock can be directly connected without independent power supply for the lock. - Lock release time is adjustable. - Integrated optic sensor for day / night mode. - Enable/disable outdoor station's acoustic feedback when pressing button - Manage the working mode and functionality of pushbutton outdoor station
Technical details	- Dimensions: 97 x 71 x 28 mm - Input (a, b): 20-30 V DC - Operating current: 24 V DC, 120 mA - Standby current: 24 V DC, 8 mA - Operating temperature: -40 °C...+55 °C - Power supply for door opener (LOCK - GND): 18 V DC, 4 A impulse, max. 250 mA holding - Support to release the lock by pressing local exit button - Single-wire/fine-wire clamps: 2 x 0.28 mm^2...2 x 0.75 mm^2
Version	Aluminum
Article no. **Order no.**	M251381A-A 2TMA200160A0001

Door entry system

ABB-Welcome - Outdoor station modules

Module

Camera module

- Video color camera with large detection angle (H 86°, V 67°, D 104°) and manually mechanical adjustment (H ± 15° ,V ± 15°), built-in infrared lighting ensures clear picture and comfortable to eyes at night and hidden surveillance from video indoor station.
- Anti-fog design with built-in heater ensures clear image even in wet conditions.
- Optional to connect one additional analog camera for surveillance inside the video indoor station.
- Product dimensions: 72 x 97 x 41 mm.

Article No.	Order No.	Description	Pack Qty
M251021C		Camera module	1/12/12

(Only for Aluminum)

Audio module, no button

- Audio module is compulsory for any audio or video outdoor station composition.
- 3 LED indicators for operation status indications: call established / system busy, communication possible and door unlocked.
- One lock can be directly connected without independent power supply for the lock.
- Additional terminal for second lock is available.
- Lock release time and speaker volume are adjustable.
- No button.
- Integrated optic sensor for day / night mode.
- Product dimensions: 72 x 97 x 38 mm.

Article No.	Order No.	Description	Pack Qty
M251021A-A		Audio module, aluminum	1/12/12

(Only for Aluminum)

Audio module, 1-row pushbutton for 1/2 calls

- Audio module is compulsory for any audio or video outdoor station composition.
- 3 LED indicators for operation status indications: call established / system busy, communication possible and door unlocked.
- One lock can be directly connected without independent power supply for the lock.
- Additional terminal for second lock is available.
- Lock release time and speaker volume are adjustable.
- 1-row button.
- Different mode setting is possible such as 1 call or 2 calls in one row, call guard or switching light for the first or second button.
- Integrated optic sensor for day / night mode.
- Product dimension: 72 x 97 x 38 mm.

Article No.	Order No.	Description	Pack Qty
M251022A-A		Audio module, 1 row pushbutton, aluminum	1/12/12

Door entry system

ABB-Welcome - Outdoor station modules

(Only for Aluminum)

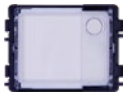
Audio module, 2-row pushbutton for 2/4 calls

- Audio module is compulsory for any audio or video outdoor station composition.
- 3 LED indicators for operation status indications: call established / system busy, communication possible and door unlocked.
- One lock can be directly connected without independent power supply for the lock.
- Additional terminal for second lock is available.
- Lock release time and speaker volume are adjustable.
- 2-row button.
- Different mode setting is possible such as 1 call or 2 calls in one row, call guard or switching light for the first or second button.
- Integrated optic sensor for day / night mode.
- Product dimensions: 72 x 97 x 38 mm.

Article No.	Order No.	Description	Pack Qty
M251023A-A		Audio module, 2 rows pushbuttons, aluminum	1/12/12

Door entry system

ABB-Welcome - Outdoor station modules



Round pushbutton

Description	1/2/3 pushbutton for visitor to press for calling		
Features	- Pushbutton could be programmed as you want (switch on lighting, call indoor station or guard unit) - Bright back-lit ensures clear nameplate at night time - Opening of the door by DESFire or NFC or IC card		
Technical details	- Dimensions: 97 x 72 x 25 mm - Rating current: 24 V DC, 10 mA - Operating temperature: -40 °C...+55 °C For NFC version - Rating current: 24 V DC, 40 mA		
Version	1	2	3
Article no. **Order no.**	51381RP1 2TMA130160N0003	51381RP2 2TMA130160N0004	51381RP3 2TMA130160N0005
Version	with NFC/IC -1	with NFC/IC -2	with NFC/IC -3
Article no. **Order no.**	51382RP1 2TMA130160N0006	51382RP2 2TMA130160N0007	51382RP3 2TMA130160N0008

Bar pushbutton

Description	3/6 or 4/8 pushbutton for visitor to press for calling	
Features	- Pushbutton could be programmed as one column or double columns - Bright back-lit ensures clear nameplate at night time	
Technical details	- Dimensions: 97 x 72 x 25 mm - Rating current: 24 V DC, 8 mA - Operating temperature: -40 °C...+55 °C	
Version	3 (Bar button)	4 (Bar button)
Article no. **Order no.**	51381SP3 2TMA130160N0001	51381SP4 2TMA130160N0002

Door entry system

ABB-Welcome - Outdoor station modules

Keypad with 1abc input

Description	Digital inputing module for keypad outdoor station		
Features	- Enables the opening of the door using a numerical code - 3,000 passwords can be taught in - Customized passwords are allowed - Backlight automatically on for visibility at night - Call guard unit is available		
Technical details	- Dimensions: 97 x 72 x 25 mm - Rating current: 24 V DC, 20 mA - Operating temperature: -40 °C...+55 °C		
Version	Stainless steel	White	Aluminum
Article no. **Order no.**	51381K-S 2TMA130160X0001	51381K-W 2TMA130010W0014	51381K-A 2TMA210160A0009

Display

Description	Display module ensure the customized message, code, and legible number always can be readed.	
Features	- Physical address / logical address calling type - Opening of the door by DESFire or NFC or IC card. - Wiegand output available - Up to 5000 pcs cards can be registered	
Technical details	- Dimensions: 97 x 72 x 25 mm - Rating current: 24 V DC, 160 mA - Operating temperature: -40 °C...+55 °C	
Version	IC/DES fire card	ID Card
Article no. **Order no.**	51382CR 2TMA130160N0009	51381CR 2TMA130160N0010

Door entry system

ABB-Welcome - Outdoor station modules

Camera module

- For the integration into letter boxes and bell systems of different manufacturers.
- The cutout must be created by the manufacturer.
- Extended audio module assembly with video function.
- Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots.
- Installed heating to keep the lens free of condensation.
- Vertical/horizontal detection angle: 86°/67°
- Setting angle horizontal/vertical: +/-15°, mechanically adjustable
- Product dimensions: 62 mm x 98 mm x 35 mm

Article No.	Order No.	Description	Pack Qty
83501-101-500-01		Camera module	1/12/12

Audio integration unit

- For the integration into letter boxes and bell systems of different manufacturers.
- Makes audio communication possible.
- Built-in relay for operating the door opener.
- 8 inputs for connecting the doorbell push-switches.
- Adjustable volume.
- With interface for the connection of built-in keypad extensions.
- With interface for the connection of the camera module.
- Product dimensions: 68 mm x 126 mm x 31 mm

Article No.	Order No.	Description	Pack Qty
83110-500-01		Audio integration unit	1/10/8

Extension unit

- Extends the built-in audio module assembly by a further 12 binary inputs.
- For the integration into letter boxes and bell systems of different manufacturers.
- With interface for the connection of additional built-in keypad extensions.
- The built-in audio module can be extended to a maximum of 99 inputs for doorbell push-switches with the aid of the built-in keypad extension.
- Product dimensions: 68 mm x 50 mm x 24 mm

Article No.	Order No.	Description	Pack Qty
83111-500-01		Extension unit	1/10/8

Door entry system

ABB-Welcome - Outdoor station modules

Info module

Description	Info module is used to hold the address of the building or the resident directory and assembled in outdoor station
Features	- Stamped labelling foil is enclosed. - Backlight ensures clear visibility at night
Technical details	- Dimensions: 97 x 72 x 25 mm - Rating current: 24 V DC, 8 mA -Operating temperature: -40 °C…+55 °C
Version	
Article no. **Order no.**	51381DN 2TMA200160N0039

Dummy module

Description	Dummy module is one blank module, support to put 3rd-party module inside, also support to future function module replacement
Features	- Maximum space inside: 54.5 x 9.4 x 74 mm
Technical details	- Dimensions: 97 x 72 x 25 mm
Version	
Article no. **Order no.**	51381DM 2TMA200160N0040

Fingerprint module

Available time: Q2,2020

Description	Fingerprint module is one access control module of video/audio outdoor station		
Features	- Enables the opening of the door using a fingerprint scanner - 64 users can be taught in - For installing into an ABB-Welcome video/audio outdoor station - Programming directly on the module or using PC management software (requires 2-wire adaptor M2308)		
Technical details	- Dimensions: 97 x 72 x 28 mm - Rating current: 24 V DC, 40 mA - Operating temperature: -40 °C…+55 °C		
Version	Stainless steel	Aluminum	White
Article no. **Order no.**	51381FP-S 2TMA200160X0003	51381FP-A 2TMA200160A0025	51381FP-W 2TMA200160W0004

Door entry system

ABB-Welcome - Installation material

Flush-mounted box, 1 module, size 1/1

Description	Mounting of outdoor station into the wall	
Features	- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 139 x 150 x 36 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41381F-B 2TMA130160B0001	41381F-H 2TMA130160H0001

Flush-mounted box, 2 modules, size 1/2

Description	Mounting of outdoor station into the wall	
Features	- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 139 x 150 x 36 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41382F-B 2TMA130160B0002	41382F-H 2TMA130160H0002

Flush-mounted box, 3 modules, size 1/3

Description	Mounting of outdoor station into the wall	
Features	- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 275 x 133 x 52 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41383F-B 2TMA130160B0003	41383F-H 2TMA130160H0003

Flush-mounted box, 4 modules,size 1/4

Description	Mounting of outdoor station into the wall	
Features	- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 347 x 133 x 52 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41384F-B 2TMA130160B0004	41384F-H 2TMA130160H0004

Door entry system

ABB-Welcome - Installation material

Flush-mounted box, 5 modules, size 1/5

Description	Mounting of outdoor station into the wall	
Features	- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 419 x 133 x 52 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41385F-B 2TMA130160B0005	41385F-H 2TMA130160H0005

Flush-mounted box, 6 modules, size 2/3

Description	Mounting of outdoor station into the wall	
Features	- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 275 x 233 x 52 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41386F-B 2TMA130160B0006	41386F-H 2TMA130160H0006

Surface-mounted box, 1 module, size 1/1

Description	Mounting of outdoor station on the wall	
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 137 x 133 x 32 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41381S-B 2TMA130160B0009	41381S-H 2TMA130160H0009

Door entry system

ABB-Welcome - Installation material

Surface-mounted box, 2 modules, size 1/2

Description	Mounting of outdoor station on the wall	
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 203 x 133 x 32 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41382S-B 2TMA130160B0010	41382S-H 2TMA130160H0010

Surface-mounted box, 3 modules, size 1/3

Description	Mounting of outdoor station on the wall	
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 275 x 133 x 32 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41383S-B 2TMA130160B0011	41383S-H 2TMA130160H0011

Surface-mounted box, 4 modules, size 1/4

Description	Mounting of outdoor station on the wall	
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 347 x 133 x 52 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41384S-B 2TMA130160B0012	41384S-H 2TMA130160H0012

Surface-mounted box, 5 modules, size 1/5

Description	Mounting of outdoor station on the wall	
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 419 x 133 x 32 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41385S-B 2TMA130160B0013	41385S-H 2TMA130160H0013

Surface-mounted box, 6 modules,size 2/3

Description	Mounting of outdoor station on the wall	
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 275 x 233 x 32 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41386S-B 2TMA130160B0014	41386S-H 2TMA130160H0014

Door entry system

ABB-Welcome - Installation material

Flush mounted box for 4.3" video hands-free indoor station

- Metal box for flush mounted 4.3" video hands-free indoor stations.
- Product dimensions: 145 x 125 x 27 mm.

Article No.	Order No.	Description	Pack Qty
42311F		Metal flush mounted box	1/60

Flush-mounted box and Pre installation box

Description	Flush-mounted box and Pre installation box for 7 inch video indoor staion
Features	- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back. - The product is packed with accessories to ensure qualified installation.
Technical details	
Version	
Article no. **Order no.**	42361F 2TMA130160B0132

Pre-installation box, 1 module, size 1/1

Description	Serves for the mounting of outdoor station into the wall for higher stability.
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.
Technical details	- Dimensions: 133 x 124 x 65 mm
Version	Anthracite
Article no. **Order no.**	41381PB 2TMA130160B0017

Pre-installation box, 2 modules, size 1/2

Description	Serves for the mounting of outdoor station into the wall for higher stability.
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.
Technical details	- Dimensions: 199 x 124 x 65 mm
Version	Anthracite
Article no. **Order no.**	41382PB 2TMA130160B0018

Pre-installation box, 3 modules, size 1/3

Description	Serves for the mounting of outdoor station into the wall for higher stability.
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.
Technical details	- Dimensions: 270 x 124 x 65 mm
Version	Anthracite
Article no. **Order no.**	41383PB 2TMA130160B0019

Door entry system

ABB-Welcome - Installation material

Pre-installation box, 4 modules, size 1/4

Description	Serves for the mounting of outdoor station into the wall for higher stability.
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.
Technical details	- Dimensions: 347 x 124 x 65 mm
Version	Anthracite
Article no. **Order no.**	41384PB 2TMA130160B0020

Pre-installation box, 5 modules, size 1/5

Description	Serves for the mounting of outdoor station into the wall for higher stability.
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.
Technical details	- Dimensions: 415 x 124 x 65 mm
Version	Anthracite
Article no. **Order no.**	41385PB 2TMA130160B0021

Pre-installation box, 6 modules, size 2/3

Description	Serves for the mounting of outdoor station into the wall for higher stability.
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.
Technical details	- Dimensions: 332 x 271 x 224 mm
Version	Anthracite
Article no. **Order no.**	41386PB 2TMA130160B0022

Surface mounted box for IP touch 7" panel

Description	Mounting of IP touch 7'' panel on the wall	
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 197 x 148 x 13 mm	
Version	White	Black
Article no. **Order no.**	42361S-W 2TMA130160W0017	42361S-B 2TMA130160B0080

Rain hood, size 1/x, For SM

Description	Rain hood for rust and water petection
Features	-The aluminum rain hood is designed to adapt both surface mounting
Technical details	- Dimensions: 176 x 98 x 143 mm
Version	For surface mounted
Article no. **Order no.**	41383RH 2TMA130160A0009

Rain hood, size 2/x, Aluminium

Description	Rain hood for rust and water petection
Features	- The aluminum rain hood is designed to adapt both surface mounting
Technical details	- Dimensions: 263 x 98 x 143 mm
Version	For surface mounted
Article no. **Order no.**	41384RH 2TMA130160A0010

Door entry system

ABB-Welcome - Installation material

Rain hood, size 1/x, Aluminium

Description	Rain hood for rust and water petection
Features	-The aluminum rain hood is designed to adapt both surface mounting and flush mounting.
Technical details	- Dimensions: 98 x 143 x 68 mm
Version	For flush mounted installation
Article no. **Order no.**	41381RH 2TMA130160A0001

Rain hood, size 2/x, Aluminium

Description	Rain hood for rust and water petection
Features	-The aluminum rain hood is designed to adapt both surface mounting and flush mounting.
Technical details	- Dimensions: 98 x 243 x 68 mm
Version	For flush mounted installation
Article no. **Order no.**	41382RH 2TMA130160A0002

Rain hood, size 3/x, Aluminium

Description	Rain hood for rust and water petection
Features	-The aluminum rain hood is designed to adapt both surface mounting and flush mounting.
Technical details	- Dimensions: 202 x 98 x 416 mm
Version	For surface mounted
Article no. **Order no.**	41385RH 2TMA130160A0017

Video outdoor station frame, size 1/3

Description	Installation materials that used for outdoor station		
Features	- The invisible screw design is aesthetically pleasing		
Technical details	- Dimensions: 273 x 135 x 18 mm		
Version	White	Stainless steel	Aluminum
Article no. **Order no.**	41383CF-W 2TMA130160W0002	41383CF-S 2TMA130160X0004	41383CF-A 2TMA200160A0003

Video outdoor station frame, size 1/4

Description	Installation materials that used for outdoor station		
Features	- The invisible screw design is aesthetically pleasing		
Technical details	- Dimensions: 349 x 135 x 18 mm		
Version	White	Stainless steel	Aluminum
Article no. **Order no.**	41384CF-W 2TMA130160W0003	41384CF-S 2TMA130160X0005	41383CF-A 2TMA200160A0003

Video outdoor station frame, size 1/5

Description	Installation materials that used for outdoor station		
Features	- The invisible screw design is aesthetically pleasing		
Technical details	- Dimensions: 349 x 135 x 18 mm		
Version	White	Stainless steel	Aluminum
Article no. **Order no.**	41385CF-W 2TMA130160W0004	41385CF-S 2TMA130160X0006	41383CF-A 2TMA200160A0003

Door entry system

ABB-Welcome - Installation material

Video outdoor station frame, size 2/3

Description	Installation materials that used for outdoor station	
Features	- The invisible screw design is aesthetically pleasing	
Technical details	- Dimensions: 277 x 235 x 18 mm	
Version	Stainless steel	Aluminum
Article no. **Order no.**	41386CF-S 2TMA130160X0007	41386CF-A 2TMA200160A0009

Audio outdoor station frame, size 1/2

Description	Installation materials that used for outdoor station
Features	- The invisible screw design is aesthetically pleasing
Technical details	- Dimensions: 205 x 135 x 20 mm
Version	Aluminum
Article no. **Order no.**	41392CF-A 2TMA200160A0011

Audio outdoor station frame (extended panel), size 1/3

Description	Installation materials that used for outdoor station	
Features	- The invisible screw design is aesthetically pleasing - It is possible to combine with other size 1/3 frame to extend multi-column frame installation to support more modules	
Technical details	- Dimensions: 277 x 135 x 18 mm	
Version	Stainless steel	Aluminum
Article no. **Order no.**	41393CF-S 2TMA130160X0060	41393CF-A 2TMA200160A0013

Audio outdoor station frame (extended panel), size 1/4

Description	Installation materials that used for outdoor station	
Features	- The invisible screw design is aesthetically pleasing - It is possible to combine with other size 1/4 frame to extend multi-column frame installation to support more modules	
Technical details	- Dimensions: 349 x 135 x 18 mm	
Version	Stainless steel	Aluminum
Article no. **Order no.**	41394CF-S 2TMA130160X0064	41394CF-A 2TMA200160A0015

Audio outdoor station frame, size 1/5

Description	Installation materials that used for outdoor station	
Features	- The invisible screw design is aesthetically pleasing - It is possible to combine with other size1/5 frame to extend multi-column frame installation to support more modules	
Technical details	- Dimensions: 421 x 135 x 20 mm	
Version	Aluminum	
Article no. **Order no.**	41395CF-A 2TMA200160A0017	

Audio outdoor station frame, size 2/3

Description	Installation materials that used for outdoor station
Features	- The invisible screw design is aesthetically pleasing
Technical details	- Dimensions: 277 x 235 x 20 mm
Version	Aluminum
Article no. **Order no.**	41396CF-A 2TMA200160A0019

Door entry system

ABB-Welcome - Replacement parts

Outdoor station End-strip

Description	End strip for outdoor station cover frame.		
Features	- Easy to instaill and replace		
Technical details	Dimensions: 71 x 135 x 19 mm	Dimensions: 71 x 135 x 19 mm	Dimensions: 71 x 135 x 19 mm
Version	size 1/x, Stainless steel	size 1/x, White	size 1/x, Aluminum
Article no. **Order no.**	51381EP-S 2TMA130160X0002	51381EP-W 2TMA130160W0001	51381EP-A 2TMA200160A0021
Technical details	Dimensions: 123 x 235 x 19 mm	Dimensions: 123 x 235 x 19 mm	Dimensions: 71 x 135 x 19 mm
Version	size 2/x, Stainless steel	size 2/x, Aluminum	
Article no. **Order no.**	51382EP-S 2TMA130160X0003	51382EP-A 2TMA200160A0023	

Door entry system

ABB-Welcome - Accessories

Labelling sheet, A4

- Quality labelling sheet for nameplate.
- Easy to be printed and cut.
- Waterproof.
- Size 2/5, 210 x 297 mm.

Article No.	Order No.	Description	Pack Qty
51021L		Labelling sheet for nameplate, A4	
51022L		Labelling sheet for 1/3 height, A4	
51023L		Labelling sheet for 1/4 height, A4	
51024L		Labelling sheet for round pushbutton module, A4	

ID card

- 125 KHz.
- ISO18000-2.

Article No.	Order No.	Description	Pack Qty
51021F-L		Proximity key fob, ID card	
51021B		Proximity badge, ID card	

IC card

- 13.56 MHz.
- ISO14443A.

Article No.	Order No.	Description	Pack Qty
51022F-Y		Proximity key fob, IC card, yellow	
51022F-R		Proximity key fob, IC card, red	
51022F-L		Proximity key fob, IC card, blue	

Door entry system

ABB-Welcome - Accessories

Cushion set for surface-mounted installation

Description	Spare part for surface mounting when the installation cable lay on the wall
Features	- Easy to installation
Technical details	Dimensions: 15 x 10 x 5 mm
Version	
Article no. **Order no.**	52311C 2TMA210160W0001

Joining fixture

Description	Joining fixture used when more than one flush mounted box needs to be connected together.
Features	- Easy to integrate mounting boxes together
Technical details	Dimensions: 83 x 120 x 80 mm
Version	
Article no. **Order no.**	51381J 2TMA130160B0124

Mounting tool

Description	The mounting tool use to dismoute the outdoor station.
Features	- Easy to installation and removal end strip
Technical details	Dimensions: 14 x 165 x 26 mm
Version	135mm panel
Article no. **Order no.**	51381MT 2TMA130160B0025

Label holder for round pushbutton module

- Label holder for the round pushbutton module, with stamped labelling
- Contains one support frame and two extension support frames.

Article No.	Order No.	Description	Pack Qty
83161-500-01		Label holder for round pushbutton	1/18

New Proximity key fob

- Product dimensions: 201 x 131 x 70 mm.

Article No.	Order No.	Description	Pack Qty
51023F-W		New Proximity key fob, ID card, white	
51023F-B		New Proximity key fob, ID card, black	
51024F-W		New Proximity key fob, IC card, white	
51024F-B		New Proximity key fob, IC card, black	

New ID sticker

- Product dimensions: 25 x 25x 0.6 mm.

Article No.	Order No.	Description	Pack Qty
51021S		New ID sticker	
51022S		New IC sticker	

Proximity badge, IC card

- Product dimensions: 40 x 31 x 5 mm.

Article No.	Order No.	Description	Pack Qty
83173-500-01		Proximity badge, IC card	

Door entry system

ABB-Welcome - Indoor stations

7" video hands-free indoor station

The 7” panel is the new member of ABB-Welcome indoor world. It has touch screen with glass surface material. 7.8 mm thickness after flush mounted makes this new panel more fashion than ever. It can be surface-mounted, flush-mounted, desktop installation to fit all your needs. The new panel has 5 keys to control main video door entry functions: accept the call, door release, programmable button, mute, surveillance. In-build LED shows the missed call, auto-unlock status, and mute status.

Features:

- Display and record the video image from outdoor station or external cameras
- Different bell sounds are adjustable for door and floor ringing
- Five different bell sounds are available and also you can play your favorite ringtone from SD card Leave message to family members or visitors when out of home
- “Doctor” function for automatic unlock
- Internal call to other users living in the apartment or neighbors
- Call concierge if guard unit is ready in the system Send SOS alarm to guard unit

Technical data:

- Display feature: 7" capacitive touchscreen
- Display resolution: 1024 x 600
- Installation: surface-mounted, flush-mounted and desktop installation
- Bus voltage: 20-30 V DC
- Standby current: ‘.’o 15 mA@ 24 V DC
- Operating current: ‘.’o 300 mA@ 24 V DC
- Operating temperature: -10 °C - +55 °C; 14 °F - 131 °F
- Single-wire clamps: 2x 0.28 mm² 2x 0.75 mm²
- Product dimensions: 198.5 x 162.3 x 17 mm

Article No.	Order No.	Description	Pack Qty
M22381-W		7" hands-free video indoor station, touch version, white	1/16
M22381-B		7" hands-free video indoor station, touch version, black	1/16

4.3" video hands-free indoor station

- 4.3" color display with on screen display.
- 6 touch film buttons for communication unlocking, mute, programmable button (can be set as intercom, call guard unit, etc.), surveillance and setting.
- 2 photos of the visitor will be automatically stored in the picture memory for door calls during resident‘s absence.
- Holds up-to 50 photos
- Call transfer among different apartments and guard unit is available.
- Doctor function for automatic unlock.
- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, doorbell, intercom or guard unit.
- Broadcast by simply holding and pressing the communication button.
- Surface mounting, flush mounting (flush-mounted box 42311F is needed) and desktop mounting (desktop bracket 42311D is needed), and cavity wall set (51021CS needed)
- The detailed user manual can be downloaded through scanning the QR code on the screen.
- Product dimensions: 137 x 155 x 24 mm.

Article No.	Order No.	Description	Pack Qty
M22311-W		4.3" video hands-free indoor station, white	1/28
M22311-B		4.3" video hands-free indoor station, black	1/28

Door entry system

ABB-Welcome - Indoor stations

4.3" video hands-free indoor station with induction loop

- Electromagnetic signals will be emitted by a special inductive loop for auditory indication of any incoming calls. Functionable for users with hearing aids.
- 4.3" color display with on screen display.
- 6 touch film buttons for communication, unlocking, mute, programmable button (can be set as intercom, call guard unit, etc.), surveillance and setting.
- 2 photos of the visitor will be automatically stored in memory for door calls during resident‘s absence.
- Holds up to 50 photos.
- Call transfer among different apartments and guard unit is available.
- Doctor function for automatic unlock.
- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, door bell, intercom or guard unit.
- Broadcast by simply pressing and holding the communication button.
- Surface mounting, flush mounting (flush mounted box 42311F is needed), desktop mounting (desktop bracket 42311D is needed) and cavity wall set (51021CS needed).
- The detailed user manual can be downloaded through scanning the QR code on the screen.
- Product dimensions: 137 x 155 x 24 mm.

Article No.	Order No.	Description	Pack Qty
M22313-W		4.3" hands-free video indoor station, induction loop, white	1/28

Video indoor station 4.3", DES+APP, WiFi

New 2-wire video indoor station with integrated WiFi to connect mobile APP without additional system devices. Minimalistic & intuitive user interface makes the operation simply enough. 6 touch buttons are easy for operation and one side button to adjust volume, ringtone, brightness and others. You can also accept the call, open the door lock, make a surveillance, and firmware updating and additional activations from the Welcome APP.

Features:

- Intuitive GUI on 4.3” IPS screen (resolution: 480 x 272)
- Intuitive button layout, separate “call” & “unlock” button, to avoid mis-operation on small size panel
- Slim thickness with 18mm
- Surface-mounted installation with one metal bracket
- Network/WiFi connection & parameters of panel can be configured through Welcome APP following wizard design
- APP pairing process is easy enough to scan QR code for first mobile devices, and click “pair” button for additional mobile devices with same MyBuildings account login
- Up to 8 mobile devices can be paired with one panel through same MyBuildings account
- Cyber security and data privacy
- Remote firmware update through Welcome APP

Article No.	Order No.	Description	Pack Qty
M22401-W	2TMA220050W0022	Video indoor station 4.3", DES+APP, WiFi	
M22403-W	2TMA220050W0024	Video indoor station 4.3", DES+APP, WiFi, T-loop	

Door entry system

ABB-Welcome - Indoor stations

4.3" video handset indoor station, color display

- Slim indoor station with handset (depth of 45 inches).
- 4.3" color display with on screen display.
- 6 touch film buttons for communication, unlocking, mute, programmable button (can be set as intercom, call guard unit, etc.), surveillance and setting.
- 2 photos of the visitor will be automatically stored in memory for door calls during resident‘s absence.
- Holds up to 25 photos.
- Call transfer among different apartments and guard unit is available.
- Doctor function for automatic unlock.
- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, door bell, intercom or guard unit.
- Surface mounting and desktop mounting (desktop bracket 42311D is needed).
- The detailed user manual can be downloaded through scanning the QR code on the screen.
- Product dimensions: 144 x 198 x 45 mm.

Article No.	Order No.	Description	Pack Qty
M22302-W		4.3" handset color video indoor station, white	1/15

4.3" video handset indoor station, color display with induction loop

- Electromagnetic signals will be emitted by a special inductive loop for auditory indication of any incoming calls. Function for users with hearing aids.
- Slim indoor station with handset (depth of 45 inches).
- 4.3" color display with on screen display.
- 6 touch film buttons for communication, unlocking, mute, programmable button (can be set as intercom, call guard unit, etc.), surveillance and setting.
- 2 photos of the visitor will be automatically stored in the memory for door calls during resident‘s absence.
- Holds up to 25 photos.
- Call transfer among different apartments and guard unit is available.
- Doctor function for automatic unlock.
- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, door bell, intercom or guard unit.
- Surface mounting and desktop mounting (desktop bracket 42311D is needed).
- The detailed user manual can be downloaded through scanning the QR code on the screen.
- Product dimensions: 144 x 198 x 45 mm.

Article No.	Order No.	Description	Pack Qty
M22303-W		4.3" handset color video indoor station with induction loop, white	1/ 15

Door entry system

ABB-Welcome - Indoor stations

Basic 4.3" video hands-free indoor station

- 4.3‘‘ color display with on screen display.
- 6 touch film buttons for communication unlocking, mute, programmble button (can be set as intercom, call guard unit, etc.), surveillance and setting.
- Doctor function for automatic unlock.
- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, doorbell, intercom or guard unit. The ringtone can be fixed or cycled
- The detailed user manual can be downloaded through scanning the QR code on the screen.
- Surface mounting and desktop mounting (desktop bracket 42311D is needed).
- Product dimensions: 154 x 134 x 23 mm.

Article No.	Order No.	Description	Pack Qty
M22341-W		Basic 4.3" video hands-free indoor station, white	1/24

Basic 4.3" video hands-free indoor station with induction loop

- Electromagnetic signals will be emitted by a special inductive loop for auditory indication of any incoming calls. Functionable for users with hearing aids.
- 4.3" color display with on screen display.
- 6 touch film buttons for communication, unlocking, mute, programmable button (can be set as intercom, call guard unit, etc.), surveillance and setting.
- 2 photos of the visitor will be automatically stored in memory for door calls during resident‘s absence.
- Holds up to 50 photos.
- Doctor function for automatic unlock.
- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, doorbell, intercom or guard unit. The ringtone can be fixed or cycled
- The detailed user manual can be downloaded through scanning the QR code on the screen.
- Surface mounting and desktop mounting (desktop bracket 42311D is needed).
- Product dimensions: 154 x 134 x 23 mm.

Article No.	Order No.	Description	Pack Qty
M22343-W		Basic 4.3" video hands-free indoor station, with induction loop, white	1/24

Door entry system

ABB-Welcome - Indoor stations

Audio handset indoor station, 3 buttons

- 1 easy pushbutton for unlock, and 2 additional buttons for self setting functions, e.g. intercom, door status check, second lock release or even calling the security guard, etc.
- Max-mid-mute volume adjuster on the side.
- 2 LEDs to indicate different working status.
- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, door bell, intercom or guard unit.
- The activating or deactivating of automatic unlock can be made by simply pressing the unlock button for 10 seconds.
- Surface mounted.
- Product dimensions: 198 x 81 x 43 mm.

Article No.	Order No.	Description	Pack Qty
M22002-W		Audio handset indoor station, 3 buttons, white	1/25

Audio handset indoor station, 3 buttons with induction loop

- 1 easy pushbutton for unlock, and 2 additional buttons for self setting functions, e.g. intercom door status check, second lock release or even calling the security guard, etc.
- Max-mid-mute volume adjuster on the side.
- 2 LEDs to indicate different working status.
- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, door bell, intercom or guard unit.
- The activating or deactivating of automatic unlock can be made by simply pressing the unlock button for 10 seconds.
- Electromagnetic signals will be emitted by a special inductive loop to provide hearing assistance to hearing aid users.
- Product dimensions: 198 x 81 x 43 mm.

Article No.	Order No.	Description	Pack Qty
M22003-W		Audio handset indoor station, 3 buttons with induction loop, white	1/25

Audio handset indoor station, 6 buttons

- 1 easy pushbutton for unlock, and 2 additional buttons for self setting functions, e.g. intercom door status check, second lock release or even calling the security guard, etc.
- Max-mid-mute volume adjuster on the side.
- 2 LEDs to indicate different working status.
- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, door bell, intercom or guard unit.
- The activating or deactivating of automatic unlock can be made by simply pressing the unlock button for 10 seconds.
- Electromagnetic signals will be emitted by a special inductive loop to provide hearing assistance to hearing aid users.
- Product dimensions: 198 x 81 x 43 mm.

Article No.	Order No.	Description	Pack Qty
M22001-W		Audio handset indoor station, 6 buttons, white	1/25

Door entry system

ABB-Welcome - Indoor stations

Audio hands-free indoor station, 4 buttons

- Light button can be customized as room-to-room intercom, call guard unit.
- Different bell tones for door-call and floor-call
- Choice of five different bell sounds
- Simple surface-mounting
- The ringtone can be fixed or cycled
- Floor-call function, a connected button functions as a floor-call button: all indoor stations with the same address trigger a floor call
- Diamentions: 175 x 81 x 22 mm.

Article No.	Order No.	Description	Pack Qty
83210 AP-624-500-01		Audio handsfree, white	1/26
83210 AP-681-500-01		Audio handsfree, black	1/26
83210 AP-683-500-01		Audio handsfree, silver	1/26

Door entry system

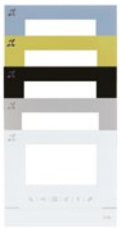
ABB-Welcome - Accessories

Accessories

Changeable front cover for 4.3" video hands-free indoor station

- 5 face covers in different colors are available, which are easily changeable for 4.3" video hands-free indoor station to meet personal aesthetic preference.

Article No.	Order No.	Description	Pack Qty
52311FC-W		Front cover for 4.3" video hands-free, white	1/36
52311FC-S		Front cover for 4.3" video hands-free, silver	1/36
52311FC-B		Front cover for 4.3" video hands-free, black	1/36
52311FC-G		Front cover for 4.3" video hands-free, golden	1/36
52311FC-L		Front cover for 4.3" video hands-free, light blue	1/36



Changeable front cover for 4.3" video hands-free indoor station with induction loop

- 5 face covers in different colors are available, which are easily changeable for 4.3" video hands-free indoor station with induction loop to meet personal aesthetic preference.

Article No.	Order No.	Description	Pack Qty
52313FC-W		Front cover for 4.3" video hands-free with induction loop, white	1/36
52313FC-S		Front cover for 4.3" video hands-free with induction loop, silver	1/36
52313FC-B		Front cover for 4.3" video hands-free with induction loop, black	1/36
52313FC-G		Front cover for 4.3" video hands-free with induction loop, golden	1/36
52313FC-L		Front cover for 4.3" video hands-free with induction loop, light blue	1/36

Desktop bracket

- Full metal design with brushed finish base, suitable for 7" all touch, 4.3" hands-free video indoor station, 4.3" handset video indoor station and guard unit.
- Product dimensions: 125 x 107 x 134 mm.

Article No.	Order No.	Description	Pack Qty
42311D		Metal desktop bracket	1/ 12

Door entry system

ABB-Welcome - Accessories

Handset with induction loop

- Suitable for audio handset indoor station with induction loop and 4.3" video handset indoor station with induction loop.
- Product dimensions: 144 x 53 x 23 mm.

Article No.	Order No.	Description	Pack Qty
52303HS-W		Handset with induction loop (spare part)	1/9

Jumper

- Jumper set for audio / video handset indoor stations is used to set the address, master / slave indoor station and RC on / off of indoor stations.
- Product dimensions: 120 x 80 x 10 mm.

Article No.	Order No.	Description	Pack Qty
52001J		Jumper set for audio handset indoor station	1/10
52301J		Jumper set for 4.3" video handset indoor station	1/10

Cavity wall set

- For cavity wall mounting of the flush-mounted wall boxes.
- Product dimensions: 120 x 80 x 10 mm.

Article No.	Order No.	Description	Pack Qty
51021CS		Cavity wall set for outdoor station and 4.3" video handsfree	1/18

Door entry system

ABB-Welcome - System devices

System controller

- As the “brain” of the individual system, it manages the communication between the outdoor station and the indoor station.
- Two working modes : “all on” and “one on”.
- If in “all on” mode, and the apartment contains more than 1 video indoor station, all the screens in the apartment will be on while only one is on if in “one on” mode.
- It can also serve as auxiliary BUS power supply when connected to gateway in certain mode.
- 1 LED for normal working condition indication.
- Overheat, short-circuit and lightening protection.
- Product dimensions: 90 x 144 x 65 mm.

Article No.	Order No.	Description	Pack Qty
M2300		System controller, 1.2A output, MDRC 8U	1/10

Mini system controller

- As the “brain” of the individual system, it manages the communications between the outdoor station and the indoor station.
- Two working modes: “all on” and “one on”.
- If in “all on” mode, and the apartment contains more than 1 video indoor station, all the screens in the apartment will be on while only one is on if in “one on” mode.
- It can also serve as auxiliary BUS power supply when connected to gateway in certain mode.
- 1 LED for normal working condition indication.
- Overheat, short-circuit and lightening protection.
- Product dimensions: 90 x 72 x 65 mm.

Article No.	Order No.	Description	Pack Qty
M2301		Mini system controller, 0.65A output, MDRC 4U	1/10

Gateway

- It offers 5 different modes which can be set by dip switch: apartment gateway, floor gateway, building gateway, auxiliary BUS power supply interface and line amplifier.
- Product dimensions: 90 x 72 x 65 mm.

Article No.	Order No.	Description	Pack Qty
M2302		Gateway, MDRC 4U	1/10

Video outdoor distributor

- Used for buildings with more than 1 outdoor station.
- 2-way inputs are connected to different outdoor stations.
- Product dimensions: 90 x 36 x 65 mm.

Article No.	Order No.	Description	Pack Qty
83325/2-500-01		Video outdoor distributor, MDRC 2U	1/20

Door entry system

ABB-Welcome - System devices

Guard unit

- 4.3" touch screen and 6 touch film buttons can ensure the communication with calls from outdoor station, indoor station or other guard unit (if any).
- It can be manually or automatically set into intercept mode to increase security level for all users or only certain individuals.
- Surveillance can be done through the camera of outdoor stations or integrated analog camera.
- Missed calls and alarm messages stored in the memory can be reviewed.
- It can be surface mounted on the wall or desktop mounted (desktop bracket 42311D is needed).
- Product dimensions: 144 x 198 x 45 mm.

Article No.	Order No.	Description	Pack Qty
M2303		Guard Unit	1/15

Video distributor

- This compact device supports 4-way outputs connected to different apartments or different high-rise buildings.
- Flush-mounted into box or surface mounted through the hole in the middle, or DIN rail mounted via DIN adaptor(Article no. 53001DR)
- Product dimensions: 45 x 45 x 26 mm.

Article No.	Order No.	Description	Pack Qty
M2304		Video distributor, FM	1/18

Switch actuator

- This compact device has 3 working modes: extend door bell, door opener and time relay.
- Local pushbutton can be connected as control input.
- The switching duration of unlock or switching on lightings is adjustable.
- Flush-mounted or DIN rail mounted via DIN adaptor(Article no. 53001DR)
- Product dimensions: 51 x 51 x 29 mm.

Article No.	Order No.	Description	Pack Qty
M2305		Switch actuator, FM	1/18

BNC connector

- Used to connect the external camera to the camera interface or outdoor station’s camera module.
- The connector accepts a BNC plug connection directly.
- Product dimensions: 42 x 15 x 14 mm.

Article No.	Order No.	Description	Pack Qty
55001BC		BNC connector	1/10

Door entry system

ABB-Welcome - System devices

Camera interface

- Supports up to 4 analog 3rd party cameras for one device.
- Supports camera connection to the existing video/audio outdoor station.
- Supports transfer of image from guard unit to the indoor station.
- Supports the camera for viewing the area of the floor (for example with the connection from indoor station to this interface, where it connects to the analog camera.
- Supports input and output of video signal of outdoor station to 3rd party VDR during the call, which can be viewed from the video indoor station).
- Supports installation in DIN, surface mounted.
- Product dimensions: 77 x 61 x 25 mm.

Article No.	Order No.	Description	Pack Qty
83327-500-01		4-way analog camera interface	1/18

DIN rail adaptor

- One DIN rail adaptor fit for all the flush mounted devices: video distributor, switch actuator, and camera interface
- Adjustable and consistent looking cover can be taken out if needed.
- Product dimensions: 90 x 72 x 65 mm.

Article No.	Order No.	Description	Pack Qty
53001DR		DIN rail adaptor	1/10

IP Gateway & ABB-Welcome App

- The installation of the ABB-Welcome App enables to use smartphones and tablets (iOS and Android) as virtual video indoor station.
- Both WIFI and remote access under 3G/4G through internet service provider.
- IP Gateway acts as a PC interface to program the telephone gateway more efficiently. New features:
- Enables the integration with ABB Comfort touch as indoor station.
- Supports to monitor multi-cameras connected with camera interface
- Supports intercom calls, including home to home & room to room call by ABB-Welcome App
- Supports to communicate with guard unit by ABB-Welcome App
- Supports to control relay actuator, and one actuator can be activated during the call if necessary by ABB-Welcome App
- Supports to control two locks during the call by ABB-Welcome App
- Supports to make a SOS call if there is emergency by ABB-Welcome App
- Notification function of App is always available: while App is open in the foreground, background or even closed totally.
- Product dimensions: 90 x 180 x 65 mm.

Article No.	Order No.	Description	Pack Qty
83342-500-01		IP Gateway, MDRC 10U	1/24

Telephone Gateway

- PSTN Telephone integrated as audio indoor station.
- Unlock the door, switch the light, communication can be done through normal telephone.
- Any mobile device can be set as extended indoor station.
- Efficient programming through PC by IP Gateway.
- Product dimensions: 90 x 72 x 65 mm.

Article No.	Order No.	Description	Pack Qty
83350-101-500-01		Telephone Gateway	1/10

Door entry system

ABB-Welcome - System devices

Lift control module

- Enhance security to allow authorized visitor/resident to ONLY go to the designated floor while unauthorized visitor can not activate any floor button in the lift.
- Efficient programming through PC by dedicated commissioning software.
- Each module supports up to 16 floors, total up to 16 modules can be cascaded.
  Size of relay mode: 216 x 110 x 45 mm; size of M adaptor: 90 x 72 x 65 mm.

Article No.	Order No.	Description	Pack Qty
M2307		Lift control relay module	1/30
M2306		M adaptor (two functions: PC adaptor and lift control module)	1/10

NEW

2-wire adaptor

- supports to connect PC with management software into 2-wire DES system
- PC management software supports centralized management of user card no. /user names/
  logic addresses, registration/deletion/change.
- Supports the building system without floor system
- PC management software records system logs, e,g unlock log, SOS log.
- PC management software supports to configure lift control modules.
- 2-wire adaptor dimensions: 90 x 180 x 65 mm

Article No.	Order No.	Description	Pack Qty
M2308		2-wire adaptor, MDRC 10U	1/24

NEW

External camera

- Analogue camera solutions for the camera interface from the ABB-Welcome range
- Three types are optional for different application, normal camera/dome camera/mini dome camera
- Image Sensor: 1/3” 1.3MP SONY Exmor CMOS.
- Effective Pixels: 1305(H)×1049(V).
- Resolution: 700TVL
- Horizontal detection angle: 30 °- 90° (manually adjustable for video camera & dome camera); 75°(fixed for mini dome camera)
- S/N Ratio: ≥50 dB
- Min. illumination (Day): 0.1 Lux @ F2.0
- Min. illumination (Night): 0 Lux @ F2.0
- Video signal: 1 x CVBS, 1Vpp, 75 Ohm (BNC)
- White Balance: AWB, 1 800 K – 10 800 K
- Lens: 2.8-12 mm (manually adjustable for video camera & dome camera); 3.6 mm (fixed for mini dome camera)
- IR Range: 50 m (video camera), 40 m (dome camera), 30 m (mini dome camera)
- Input Voltage: DC 12 V +/- 10 %
- Dustproof and waterproof as IP 66
- Product dimensions:
  Video camera: 286 x 86 x 77 mm
  Dome camera: 130 x 119 x 104 mm
  Mini dome camera: 105 x 94 x 83 mm

Article No.	Order No.	Description	Pack Qty
83550/1-500-01		Video camera	1/4
83550/2-500-01		Dome camera	1/12
83550/3-500-01		Mini dome camera	1/12

Door entry system

ABB-Welcome IP - Video outdoor stations

Video outdoor station, touch 5", white

Description	Video outdoor station with 5 inch touch screen, integrated with transponder and keypad serves as end device for the communication with IP touch panel, guard unit or property management.
Features	- HD video streaming (720P) with 130 degree angle - Super anti-fog coating and in-built heater - LED indicater for real-time status - Intuitive operable touchscreen & Virtual keypad integrated - Advertising or Developer promotion display area - Name list / logo / physical address / logical address calling type - Wiegand output available - Opening of the door by DESFire or NFC
Technical details	- Flush mounting and surface mounting - Dustproof and waterproof as IP54 - Dimensions: 349 x 135 x 29 mm
Version	Touch 5"
Article no. **Order no.**	H81381T-W 2TMA130010W0013

Video outdoor station, touch 5", stainless steel

Description	Video outdoor station with 5 inch touch screen, integrated with transponder and keypad serves as end device for the communication with IP touch panel, guard unit or property management.
Features	- HD video streaming (720P) with 130 degree angle - Super anti-fog coating and in-built heater - LED indicater for real-time status - Intuitive operable touchscreen & Virtual keypad integrated - Advertising or Developer promotion display area - Name list / logo / physical address / logical address calling type - Wiegand output available - Opening of the door by DESFire or NFC or IC card. - Brushed stainless steel surface
Technical details	- Flush mounting and surface mounting - Dustproof and waterproof as IP54, vandal proof as IK07 - Dimensions: 349 x 135 x 29 mm
Version	Touch 5"
Article no. **Order no.**	H81381T-S 2TMA130010X0009

Door entry system

ABB-Welcome IP - Video outdoor stations

Video pushbutton outdoor station, white

Description	Video outdoor station with transponder and pushbutton(s) serves as end device for the communication with IP touch panel, guard unit or property management.		
Features	- HD video streaming(720P) with 130 degree angle - Super anti-fog coating and in-built heater - LED indicater for real-time status - Bar and around pushbutton for optional - Pushbutton could be programmed as you want (switch on lighting, call indoor station or guard unit) - Bright back-lit ensures clear nameplate at night time - Opening of the door by DESFire or NFC or IC card. - Brushed stainless steel surface		
Technical details	- Flush mounting and surface mounting - Dustproof and waterproof as IP54, vandal proof as IK07 - Dimensions: 277 x 135 x 29 mm		
Version	1 pushbutton	2 pushbutton	3 pushbutton
Article no. **Order no.**	H81381P1-W 2TMA130010W0021	H81381P2-W 2TMA130010W0025	H81381P3-W 2TMA130010W0029

Video pushbutton outdoor station, stainless steel

Description	Video outdoor station with transponder and pushbutton(s) serves as end device for the communication with IP touch panel, guard unit or property management.		
Features	- HD video streaming(720P) with 130 degree angle - Super anti-fog coating and in-built heater - LED indicater for real-time status - Bar and around pushbutton for optional - Pushbutton could be programmed as you want (switch on lighting, call indoor station or guard unit) - Bright back-lit ensures clear nameplate at night time - Opening of the door by DESFire or NFC or IC card. - Brushed stainless steel surface		
Technical details	- Flush mounting and surface mounting - Dustproof and waterproof as IP54, vandal proof as IK07 - Dimensions: 277 x 135 x 29 mm		
Version	1 pushbutton	2 pushbutton	3 pushbutton
Article no. **Order no.**	H81381P1-S 2TMA130010X0001	H81381P2-S 2TMA130010X0002	H81381P3-S 2TMA130010X0003

Door entry system

ABB-Welcome IP - Video outdoor stations

Video keypad outdoor station, white

Description	Video outdoor station with display, transponder and keypad serves as end device for the communication with IP touch panel, guard unit or property management.	
Features	- HD video streaming (720P) with 130 degree angle - Super anti-fog coating and in-built heater - LED indicater for real-time status - Module design makes installation as easy as 1-2-3 - Physical address / logical address calling type - Wiegand output available - Opening of the door by DESFire or NFC or IC card. - Brushed stainless steel surface	
Technical details	- Flush mounting and surface mounting - Dustproof and waterproof as IP54, vandal proof as IK07 - Dimensions: 349 x 135 x 29 mm	
Version	With ID	With IC
Article no. **Order no.**	H81381K-W 2TMA130010W0033	H81382K-W 2TMA130010W0037

Video keypad outdoor station, stainless steel

Description	Video outdoor station with display, transponder and keypad serves as end device for the communication with IP touch panel, guard unit or property management.	
Features	- HD video streaming (720P) with 130 degree angle - Super anti-fog coating and in-built heater - LED indicater for real-time status - Module design makes installation as easy as 1-2-3 - Physical address / logical address calling type - Wiegand output available - Opening of the door by DESFire or NFC or IC card. - Brushed stainless steel surface	
Technical details	- Flush mounting and surface mounting - Dustproof and waterproof as IP54, vandal proof as IK07 - Dimensions: 349 x 135 x 29 mm	
Version	With ID	With IC
Article no. **Order no.**	H81383K-S 2TMA130010X0037	H81384K-S 2TMA130010X0038

Mini outdoor station, Aluminum alloy

Features	- Compact size, surface mounted and flush mounted optional - 1 button and 2 buttons optional - Clean design with integrated status display - Light switch or calling guard programmable for the 2nd button - Up to 2 locks connections - Dustproof and waterproof as IP54, and vandal proof as IK07			
Technical details	Dimensions: 168 x 99 x 26 mm		Dimensions: 180 x 105 x 43 mm	
Version	1 button, ID, SM	2 buttons, ID, SM	1 button, ID,FM	2 buttons, ID, FM
Article no. **Order no.**	H81313P1-A 2TMA130010A0001	H81313P2-A 2TMA130010A0004	H81363P1-A 2TMA130010A0007	H81363P2-A 2TMA130010A0010

2nd confirmed outdoor station, Aluminum alloy

Features	- 1 button - Clean design with integrated status display - Light switch or calling guard programmable for the 2nd button - Up to 2 locks connections - Dustproof and waterproof as IP54, and vandal proof as IK07
Technical details	Dimensions: 180 x 105 x 43 mm
Version	1 button, FM
Article no. **Order no.**	H81364P1-A 2TMA130010A0013

Door entry system

ABB-Welcome IP - Video indoor stations

IP touch 7, white

Description	The stylish multifunctional IP touch panel fits elegantly into any interior. Thanks to its intuitive design, the IP touch panel will display everything that is happening in front of your door. In addition, the panel can be a centralized screen for other ABB sub-system, like CCTV, access control and home automation.			
Features	- Intuitive GUI on sliding screen (1024 x 600) - Clean & consistent design with invisible mic & speaker hole - Slim thickness with 7.8 mm when flush mounted - Color,material, End trip & mounting type selectable - Extension to App without additional system device - Central control panel to DES,Smart lock,Surveillance,Basic alarm, Home automation (KNX & F@H),Environmental health,Energy management - API & Web-browser enable easy 3rd party integration - Cyber security and data privacy, - Easy installation in all kind of walls - Easy commissioning by QR code scaning or central PC management software - PoE and local power supply optional, - Remote fireware update			
Technical details	- Flush mounting and surface mounting - Dustproof and waterproof as IP30 - Dimensions: 199 x 150 x 17 mm (LAN+WiFi) 199 x 150 x 30 mm (LAN+LAN)			
Version	support DES+KNX+f@h, LAN + WiFi, DC&PoE, full glass, SM&FM, white	support DES+KNX+f@h, LAN + LAN, DC&PoE, full glass, FM, white	with cyber security boot & storage, support DES+KNX+ f@h+APP, LAN + WiFi, DC&PoE, with T-loop, end strip, SM&FM, white	with cyber security boot & storage, support DES+KNX+ f@h+APP, LAN + LAN, DC&PoE, with T-loop, end strip, FM, white
Article no. **Order no.**	H8236-8WG 2TMA130050W0063	H8236-9WG 2TMA130050W0064	H8236-4W 2TMA130050W0065	H8236-5W 2TMA130050W0067

IP touch 7, black

Description	The stylish multifunctional IP touch panel fits elegantly into any interior. Thanks to its intuitive design, the IP touch panel will display everything that is happening in front of your door. In addition, the panel can be a centralized screen for other ABB sub-system, like CCTV, access control and home automation.			
Features	- Intuitive GUI on sliding screen(1024 x 600) - Clean & consistent design with invisible mic & speaker hole - Slim thickness with 7.8 mm when flush mounted - Color,material, End trip & mounting type selectable - Extension to App without additional system device - Central control panel to DES,Smart lock,Surveillance,Basic alarm, Home automation (KNX & F@H),Environmental health,Energy management - API & Web-browser enable easy 3rd party integration - Cyber security and data privacy, - Easy installation in all kind of walls - Easy commissioning by QR code scaning or central PC management software - PoE and local power supply optional, - Remote fireware update			
Technical details	- Flush mounting and surface mounting - Dustproof and waterproof as IP30 - Dimensions: 199 x 150 x 17 mm (LAN+WiFi) 199 x 150 x 30 mm (LAN+LAN)			
Version	support DES+KNX+f@h, LAN + WiFi, DC&PoE, full glass, SM&FM, black	support DES+KNX+f@h, LAN + LAN, DC&PoE, full glass, FM, black	with cyber security boot & storage, support DES+KNX+ f@h+APP, LAN + WiFi, DC&PoE, with T-loop, end strip, SM&FM, black	with cyber security boot & storage, support DES+KNX+ f@h+APP, LAN + LAN, DC&PoE, with T-loop, end strip, FM, black
Article no. **Order no.**	H8236-8BG 2TMA130050B0063	H8236-9BG 2TMA130050B0064	H8236-4B 2TMA130050B0065	H8236-5B 2TMA130050B0067

Door entry system

ABB-Welcome IP - Video indoor stations

IP touch 10, White

Description	The stylish multifunctional IP touch panel fits elegantly into any interior. Thanks to its intuitive design, the IP touch panel will display everything that is happening in front of your door. In addition, the panel can be a centralized screen for other ABB sub-system, like video surveillance, access control and home automation			
Features	- Intuitive GUI on sliding screen (1024 x 600) - Clean & consistent design with invisible mic & speaker hole - Slim thickness with 7.8 mm when flush mounted - Color,material, End trip & mounting type selectable - Extension to App without additional system device - Central control panel to DES, Surveillance, Home automation (KNX & F@H) - API & Web-browser enable easy 3rd party integration - Cyber security and data privacy - Easy installation in all kind of walls - PoE and local power supply			
Technical details	- Flush mounting and surface mounting - Dustproof and waterproof as IP30 - Dimensions: 251 x 185 x 17 mm (LAN+WiFi) 251 x 185 x 31 mm (LAN+LAN)			
Version	LAN + LAN interface, with induction loop, with PoE	LAN + WiFi interface, with induction loop, with PoE	Full glass panel LAN + LAN interface, with induction loop, with PoE	Full glass panell LAN + WiFi interface, with induction loop, with PoE
Article no. **Order no.**	H8237-5W 2TMA130050W0055	H8237-4W 2TMA130050W0054	H8237-9WG 2TMA130051W0005	H8237-8WG 2TMA130051W0004

IP touch 10, Black

Description	The stylish multifunctional IP touch panel fits elegantly into any interior. Thanks to its intuitive design, the IP touch panel will display everything that is happening in front of your door. In addition, the panel can be a centralized screen for other ABB sub-system, like video surveillance, access control and home automation			
Features	- Intuitive GUI on sliding screen (1024 x 600) - Clean & consistent design with invisible mic & speaker hole - Slim thickness with 7.8 mm when flush mounted - Color,material, End trip & mounting type selectable - Extension to App without additional system device - Central control panel to DES, Surveillance, Home automation (KNX & F@H) - API & Web-browser enable easy 3rd party integration - Cyber security and data privacy - Easy installation in all kind of walls - PoE and local power supply			
Technical details	- Flush mounting and surface mounting - Dustproof and waterproof as IP30 - Dimensions: 251 x 185 x 17 mm (LAN+WiFi) 251 x 185 x 31 mm (LAN+LAN)			
Version	Stainless steel LAN + LAN interface, with induction loop, with PoE	Stainless steel LAN + WiFi interface, with induction loop, with PoE	Full glass panel LAN + LAN interface, with induction loop, with PoE	Full glass panell LAN + WiFi interface, with induction loop, with PoE
Article no. **Order no.**	H8237-5B 2TMA130050B0055	H8237-4B 2TMA130050B0054	H8237-9BG 2TMA130051B0005	H8237-8GB 2TMA130051B0004

Door entry system

ABB-Welcome IP - System devices

Guard unit

Description	The guard unit with desk-top design provides access to various services using the intuitive icon menu on the touch screen. Communication is possible with IP touch panel, outdoor station and other guard unit.
Features	- Support to establish surveillance to outdoor station or IP camera. - Intercept to increase the security and service. - Support to release all doors or dedicated doors in case of emergency - Receive the alarm and panic call (SOS) from IP touch panel.
Technical details	- Dimensions: 265 x 165 x 117 mm
Article no. **Order no.**	H8303 2TMA130160W0018

Interface module for LAN + RS485 + 11 alarm zones

Description	Interface module use to extend LAN port, RS485 port, and alarm zones
Features	- LAN port for private and public network - channels relay output 1 channel 485 output 12 V DC, 200 mA output
Technical details	- Dimensions: 82 x 60 x 17 mm
Article no. **Order no.**	52361EX 2TMA130160B0136

IP actuator (LAN port)

Description	Connecting electrical door opener or hall light directly
Features	- Easy to adjust the switching duration of unlock or the switching of light
Technical details	- Dimensions: 90 x 72 x 65 mm
Version	Gery
Article no. **Order no.**	H8304 2TMA130160H0051

24VDC mini Power adpator

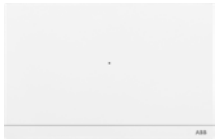
Description	Power adpator supplies the power for IP touch panel and Wip AP
Features	- Provide stable power supply input
Technical details	Dimensions: 44 x 72 x 60 mm
Version	Chinese standard
Article no. **Order no.**	53012PS 2TMA130160W0024

Power supply, 27 V DC, 95 W

Description	Power adpator suppliers the power for system devices.
Features	- Support over voltage, over current, over-heat and short-circuit protection
Technical details	- Dimensions: 178 x 90 x 65 mm
Article no. **Order no.**	YSM01-PS 2TMA130160H0085

Door entry system

ABB-Welcome IP - System devices



Smart Access Point

Description	A central management device of Welcome IP system, it can couple as sub-system, and also manage interworking of multiple sub-system of same type. Commissioning and remote control is executed via web interface. No additional commissioning software is required. Connection to the network via WLAN client mode or via CAT cable to manage all your access, configure all your devices, record your logs, etc.
Features	- Easy to commissioning - Access rights, who, where, when… - Enhanced security with record event log and receive notification and alert - Manage all connected devices - Interaction between different systems - Manage welcome App - Event management and building-wide messaging - Integrated chimey, easy for retrofit - In-build BLE, the best choice for standalone AC system
Technical details	- Dimension: 204 mm × 132 mm × 32 mm - Network parameter: • Operating mode: LAN/Wireless access point • Wireless transmission band: IEEE 802.11 a/b/g/n 2.4 GHz/5.8 GHz • Safety standard: WPA-PSK, WPA2-PSK, WPA, WPA2, IEEE 802.1x • Network connection standard: 10 / 100 Mbps, auto MDI/MDI-X - Radio interface: IEEE 802.15.4 2.4GHz radio - Power supply: • 24VDC, together with ABB power adaptor • PoE(Power over Ethernet) - Environment: • Temperature: -10 °C to +45 °C • Protection type: IP30 • Vandal proof: IK07 • Humidity: 0 to 95%, non-condensing
Version	Pro
Article no. **Order no.**	D04011 2TMA400260W0002

Door entry system

ABB-Welcome IP - Installation material

Flush-mounted box, 1 module, size 1/1

Description	Mounting of outdoor station into the wall	
Features	- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 139 x 150 x 36 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41381F-B 2TMA130160B0001	41381F-H 2TMA130160H0001

Flush-mounted box, 2 modules, size 1/2

Description	Mounting of outdoor station into the wall	
Features	- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 139 x 150 x 36 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41382F-B 2TMA130160B0002	41382F-H 2TMA130160H0002

Flush-mounted box, 3 modules, size 1/3

Description	Mounting of outdoor station into the wall	
Features	- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 275 x 133 x 52 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41383F-B 2TMA130160B0003	41383F-H 2TMA130160H0003

Flush-mounted box, 4 modules,size 1/4

Description	Mounting of outdoor station into the wall	
Features	- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 347 x 133 x 52 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41384F-B 2TMA130160B0004	41384F-H 2TMA130160H0004

Door entry system

ABB-Welcome IP - Installation material

Flush-mounted box, 5 modules, size 1/5

Description	Mounting of outdoor station into the wall	
Features	- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 419 x 133 x 52 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41385F-B 2TMA130160B0005	41385F-H 2TMA130160H0005

Flush-mounted box, 6 modules, size 2/3

Description	Mounting of outdoor station into the wall	
Features	- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 275 x 233 x 52 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41386F-B 2TMA130160B0006	41386F-H 2TMA130160H0006

Surface-mounted box, 1 module, size 1/1

Description	Mounting of outdoor station on the wall	
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 137 x 133 x 32 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41381S-B 2TMA130160B0009	41381S-H 2TMA130160H0009

Door entry system

ABB-Welcome IP - Installation material

Surface-mounted box, 2 modules, size 1/2

Description	Mounting of outdoor station on the wall	
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 203 x 133 x 32 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41382S-B 2TMA130160B0010	41382S-H 2TMA130160H0010

Surface-mounted box, 3 modules, size 1/3

Description	Mounting of outdoor station on the wall	
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 275 x 133 x 32 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41383S-B 2TMA130160B0011	41383S-H 2TMA130160H0011

Surface-mounted box, 4 modules, size 1/4

Description	Mounting of outdoor station on the wall	
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 347 x 133 x 52 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41384S-B 2TMA130160B0012	41384S-H 2TMA130160H0012

Surface-mounted box, 5 modules, size 1/5

Description	Mounting of outdoor station on the wall	
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 419 x 133 x 32 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41385S-B 2TMA130160B0013	41385S-H 2TMA130160H0013

Surface-mounted box, 6 modules,size 2/3

Description	Mounting of outdoor station on the wall	
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 275 x 233 x 32 mm	
Version	Anthracite	Grey
Article no. **Order no.**	41386S-B 2TMA130160B0014	41386S-H 2TMA130160H0014

Door entry system

ABB-Welcome IP - Installation material

Flush-mounted box & pre-installation box for IP touch 7&10

Description	Flush-mounted box and Pre installation box for 7&10 inch video indoor staion
Features	- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back. - The product is packed with accessories to ensure qualified installation.
Technical details	- Dimensions: 194 x 145 x 55 mm, 2 boxes together
Version	
Article no. **Order no.**	42361F 2TMA130160B0132

Pre-installation box, 1 module, size 1/1

Description	Serves for the mounting of outdoor station into the wall for higher stability.
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.
Technical details	- Dimensions: 133 x 124 x 65 mm
Version	Anthracite
Article no. **Order no.**	41381PB 2TMA130160B0017

Pre-installation box, 2 modules, size 1/2

Description	Serves for the mounting of outdoor station into the wall for higher stability.
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.
Technical details	- Dimensions: 199 x 124 x 65 mm
Version	Anthracite
Article no. **Order no.**	41382PB 2TMA130160B0018

Pre-installation box, 3 modules, size 1/3

Description	Serves for the mounting of outdoor station into the wall for higher stability.
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.
Technical details	- Dimensions: 270 x 124 x 65 mm
Version	Anthracite
Article no. **Order no.**	41383PB 2TMA130160B0019

Pre-installation box, 4 modules, size 1/4

Description	Serves for the mounting of outdoor station into the wall for higher stability.
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.
Technical details	- Dimensions: 347 x 124 x 65 mm
Version	Anthracite
Article no. **Order no.**	41384PB 2TMA130160B0020

Door entry system

ABB-Welcome IP - Installation material

Pre-installation box, 5 modules, size 1/5

Description	Serves for the mounting of outdoor station into the wall for higher stability.
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.
Technical details	- Dimensions: 415 x 124 x 65 mm
Version	Anthracite
Article no. **Order no.**	41385PB 2TMA130160B0021

Pre-installation box, 6 modules, size 2/3

Description	Serves for the mounting of outdoor station into the wall for higher stability.
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.
Technical details	- Dimensions: 332 x 271 x 224 mm
Version	Anthracite
Article no. **Order no.**	41386PB 2TMA130160B0022

Surface mounted box for IP touch 7" panel

Description	Mounting of IP touch 7'' panel on the wall	
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 197 x 148 x 13 mm	
Version	White	Black
Article no. **Order no.**	42361S-W 2TMA130160W0017	42361S-B 2TMA130160B0080

Surface mounted box for IP touch 10"

Description	Mounting of IP Touch on the wall	
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 251 x 184 x 14 mm	
Version	White	Black
Article no. **Order no.**	42371S-W 2TMA130161W0001	42371S-B 2TMA130161B0001

Rain hood, size 1/x, For SM

Description	Rain hood for rust and water petection
Features	-The aluminum rain hood is designed to adapt both surface mounting
Technical details	- Dimensions: 176 x 98 x 143 mm
Version	For surface mounted
Article no. **Order no.**	41383RH 2TMA130160A0009

Rain hood, size 2/x, Aluminium

Description	Rain hood for rust and water petection
Features	- The aluminum rain hood is designed to adapt both surface mounting
Technical details	- Dimensions: 263 x 98 x 143 mm
Version	For surface mounted
Article no. **Order no.**	41384RH 2TMA130160A0010

Door entry system

ABB-Welcome IP - Installation material

Rain hood, size 1/x, Aluminium

Description	Rain hood for rust and water petection
Features	-The aluminum rain hood is designed to adapt both surface mounting and flush mounting.
Technical details	- Dimensions: 98 x 143 x 68 mm
Version	For flush mounted installation
Article no. **Order no.**	41381RH 2TMA130160A0001

Rain hood, size 2/x, Aluminium

Description	Rain hood for rust and water petection
Features	-The aluminum rain hood is designed to adapt both surface mounting and flush mounting.
Technical details	- Dimensions: 98 x 243 x 68 mm
Version	For flush mounted installation
Article no. **Order no.**	41382RH 2TMA130160A0002

Rain hood, size 3/x, Aluminium

Description	Rain hood for rust and water petection
Features	-The aluminum rain hood is designed to adapt both surface mounting and flush mounting.
Technical details	- Dimensions: 202 x 98 x 416 mm
Version	For surface mounted
Article no. **Order no.**	41385RH 2TMA130160A0017

Video outdoor station frame, size 1/3

Description	Installation materials that used for outdoor station		
Features	- The invisible screw design is aesthetically pleasing		
Technical details	- Dimensions: 273 x 135 x 18 mm		
Version	White	Stainless steel	Aluminum
Article no. **Order no.**	41383CF-W 2TMA130160W0002	41383CF-S 2TMA130160X0004	41383CF-A 2TMA200160A0003

Video outdoor station frame, size 1/4

Description	Installation materials that used for outdoor station		
Features	- The invisible screw design is aesthetically pleasing		
Technical details	- Dimensions: 349 x 135 x 18 mm		
Version	White	Stainless steel	Aluminum
Article no. **Order no.**	41384CF-W 2TMA130160W0003	41384CF-S 2TMA130160X0005	41384CF-A 2TMA200160A0005

Video outdoor station frame, size 1/5

Description	Installation materials that used for outdoor station		
Features	- The invisible screw design is aesthetically pleasing		
Technical details	- Dimensions: 349 x 135 x 18 mm		
Version	White	Stainless steel	Aluminum
Article no. **Order no.**	41385CF-W 2TMA130160W0004	41385CF-S 2TMA130160X0006	41385CF-A 2TMA200160A0007

Door entry system

ABB-Welcome IP - Installation material

Video outdoor station frame, size 2/3

Description	Installation materials that used for outdoor station	
Features	- The invisible screw design is aesthetically pleasing	
Technical details	- Dimensions: 277 x 235 x 18 mm	
Version	Stainless steel	Aluminum
Article no. **Order no.**	41386CF-S 2TMA130160X0007	41386CF-A 2TMA200160A0009

Audio outdoor station frame, size 1/2

Description	Installation materials that used for outdoor station
Features	- The invisible screw design is aesthetically pleasing
Technical details	- Dimensions: 205 x 135 x 20 mm
Version	Aluminum
Article no. **Order no.**	41392CF-A 2TMA200160A0011

Audio outdoor station frame (extended panel), size 1/3

Description	Installation materials that used for outdoor station	
Features	- The invisible screw design is aesthetically pleasing - It is possible to combine with other size 1/3 frame to extend multi-column frame installation to support more modules	
Technical details	- Dimensions: 277 x 135 x 18 mm	
Version	Stainless steel	Aluminum
Article no. **Order no.**	41393CF-S 2TMA130160X0060	41393CF-A 2TMA200160A0013

Audio outdoor station frame (extended panel), size 1/4

Description	Installation materials that used for outdoor station	
Features	- The invisible screw design is aesthetically pleasing - It is possible to combine with other size 1/4 frame to extend multi-column frame installation to support more modules	
Technical details	- Dimensions: 349 x 135 x 18 mm	
Version	Stainless steel	Aluminum
Article no. **Order no.**	41394CF-S 2TMA130160X0064	41394CF-A 2TMA200160A0015

Audio outdoor station frame, size 1/5

Description	Installation materials that used for outdoor station
Features	- The invisible screw design is aesthetically pleasing - It is possible to combine with other size1/5 frame to extend multi-column frame installation to support more modules
Technical details	- Dimensions: 421 x 135 x 20 mm
Version	Aluminum
Article no. **Order no.**	41395CF-A 2TMA200160A0017

Audio outdoor station frame, size 2/3

Description	Installation materials that used for outdoor station
Features	- The invisible screw design is aesthetically pleasing
Technical details	- Dimensions: 277 x 235 x 20 mm
Version	Aluminum
Article no. **Order no.**	41396CF-A 2TMA200160A0019

Door entry system

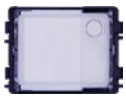
ABB-Welcome IP - Outdoor station modules

A/V module with 720P camera, LAN cable

Description	Audio & video module as the heart of outdoor station.
Features	- HD video streaming (720P) with 130 degree angle - Super anti-fog coating and in-built heater - LED indicater for real-time status - Suitable for the disabled
Technical details	- Dimensions: 143 x 96 x 28 mm
Article no. **Order no.**	H851381M-S 2TMA130160B0081

Big display module

Description	Integrated with transponder and keypad serves as big touch screen for daily operation for residential owners and visitors.
Features	- Intuitive operable touchscreen & Virtual keypad integrated - Advertising or Developer promotion display area - Name list / logo / physical address / logical address calling type - Opening of the door by DESFire or NFC or IC card. - Wiegand output available
Technical details	Dimensions: 143 x 96 x 23 mm
Version	(5 inch) (IC/Desfire)
Article no. **Order no.**	H851381DP 2TMA130160B0082



Round pushbutton

Description	1/2/3 pushbutton for visitor to press for calling		
Features	- Pushbutton could be programmed as you want (switch on lighting, call indoor station or guard unit) - Bright back-lit ensures clear nameplate at night time - Opening of the door by DESFire or NFC or IC card		
Technical details	- Dimensions: 97 x 72 x 25 mm - Rating current: 24 V DC, 10 mA - Operating temperature: -40 °C…+55 °C For NFC version - Rating current: 24 V DC, 40 mA		
Version	1	2	3
Article no. **Order no.**	51381RP1 2TMA130160N0003	51381RP2 2TMA130160N0004	51381RP3 2TMA130160N0005
Version	with NFC/IC -1	with NFC/IC -2	with NFC/IC -3
Article no. **Order no.**	51382RP1 2TMA130160N0006	51382RP2 2TMA130160N0007	51382RP3 2TMA130160N0008

Bar pushbutton

Description	3/6 or 4/8 pushbutton for visitor to press for calling	
Features	- Pushbutton could be programmed as one column or double columns - Bright back-lit ensures clear nameplate at night time	
Technical details	- Dimensions: 97 x 72 x 25 mm - Rating current: 24 V DC, 8 mA - Operating temperature: -40 °C…+55 °C	
Version	3 (Bar button)	4 (Bar button)
Article no. **Order no.**	51381SP3 2TMA130160N0001	51381SP4 2TMA130160N0002

Door entry system

ABB-Welcome IP - Outdoor station modules

Keypad with 1abc input

Description	Digital inputing module for keypad outdoor station		
Features	- Enables the opening of the door using a numerical code - 3,000 passwords can be taught in - Customized passwords are allowed - Backlight automatically on for visibility at night - Call guard unit is available		
Technical details	- Dimensions: 97 x 72 x 25 mm - Rating current: 24 V DC, 20 mA - Operating temperature: -40 °C...+55 °C		
Version	Stainless steel	White	Aluminum
Article no. **Order no.**	51381K-S 2TMA130160X0001	51381K-W 2TMA130010W0014	51381K-A 2TMA210160A0009

Display

Description	Display module ensure the customized message, code, and legible number always can be readed.	
Features	- Physical address / logical address calling type - Opening of the door by DESFire or NFC or IC card. - Wiegand output available - Up to 5000 pcs cards can be registered	
Technical details	- Dimensions: 97 x 72 x 25 mm - Rating current: 24 V DC, 160 mA - Operating temperature: -40 °C...+55 °C	
Version	IC/DES fire card	ID Card
Article no. **Order no.**	51382CR 2TMA130160N0009	51381CR 2TMA130160N0010

Door entry system

ABB-Welcome IP - Outdoor station modules

Info module

Description	Info module is used to hold the address of the building or the resident directory and assembled in outdoor station
Features	- Stamped labelling foil is enclosed. - Backlight ensures clear visibility at night
Technical details	- Dimensions: 97 x 72 x 25 mm - Rating current: 24 V DC, 8 mA -Operating temperature: -40 °C…+55 °C
Version	
Article no. **Order no.**	51381DN 2TMA200160N0039

Dummy module

Description	Dummy module is one blank module, support to put 3rd-party module inside, also support to future function module replacement
Features	- Maximum space inside: 54.5 x 9.4 x 74 mm
Technical details	- Dimensions: 97 x 72 x 25 mm
Version	
Article no. **Order no.**	51381DM 2TMA200160N0040

Fingerprint module

Available time: Q2, 2021

Description	Fingerprint module is one access control module of video/audio outdoor station		
Features	- Enables the opening of the door using a fingerprint scanner - 64 users can be taught in - For installing into an ABB-Welcome IP video/audio outdoor station - Programming directly on the module or using PC management software (requires 2-wire adaptor M2308)		
Technical details	- Dimensions: 97 x 72 x 28 mm - Rating current: 24 V DC, 40 mA - Operating temperature: -40 °C…+55 °C		
Version	Stainless steel	Aluminum	White
Article no. **Order no.**	51381FP-S 2TMA200160X0003	51381FP-A 2TMA200160A0025	51381FP-W 2TMA200160W0004

Door entry system

ABB-Welcome IP - Accessories

Cushion set for surface-mounted installation

Description	Spare part for surface mounting when the installation cable lay on the wall
Features	- Easy to installation
Technical details	Dimensions: 15 x 10 x 5 mm
Version	
Article no. **Order no.**	52311C 2TMA210160W0001

Joining fixture

Description	Joining fixture used when more than one flush mounted box needs to be connected together.
Features	- Easy to integrate mounting boxes together
Technical details	Dimensions: 83 x 120 x 80 mm
Version	
Article no. **Order no.**	51381J 2TMA130160B0124

Mounting tool

Description	The mounting tool use to dismoute the outdoor station.	
Features	- Easy to installation and removal end strip	
Technical details	Dimensions: 14 x 165 x 26 mm	Dimensions: 14 x 165 x 26 mm
Version	135mm panel	125mm panel
Article no. **Order no.**	51381MT 2TMA130160B0025	51351MT 2TMA130160B0120

IP touch 7", accessories, end strip

Description	End strip for IP touch 7 inch panel		
Features	- Easy to install and replace - Different colors to meet your needs		
Technical details	Dimensions: 198.51 x 16.2 x 7.4 mm		
Version	Silver	Gold	Anthracite
Article no. **Order no.**	52361EP-S 2TMA130160S0001	52361EP-G 2TMA130160G0001	52361EP-H 2TMA130160H0052

IP touch 10, accessories, end strip

Description	End strip for IP touch 10 inch panel		
Features	- Easy to install and replace - Different colors to meet your needs		
Technical details	Dimensions: 198.51 x 16.2 x 7.4 mm		
Version	Silver	Gold	Grey
Article no. **Order no.**	52371EP-S 2TMA130161S0001	52371EP-G 2TMA130161G0001	52371EP-H 2TMA130161H0001

Door entry system

ABB-Welcome IP - Replacement parts

Outdoor station End-strip

Description	End strip for outdoor station cover frame.		
Features	- Easy to instaill and replace		
Technical details	Dimensions: 71 x 135 x 19 mm	Dimensions: 71 x 135 x 19 mm	Dimensions: 71 x 135 x 19 mm
Version	size 1/x, Stainless steel	size 1/x, White	size 1/x, Aluminum
Article no. **Order no.**	51381EP-S 2TMA130160X0002	51381EP-W 2TMA130160W0001	51381EP-A 2TMA200160A0021
Technical details	Dimensions: 123 x 235 x 19 mm	Dimensions: 123 x 235 x 19 mm	Dimensions: 71 x 135 x 19 mm
Version	size 2/x, Stainless steel	size 2/x, Aluminum	
Article no. **Order no.**	51382EP-S 2TMA130160X0003	51382EP-A 2TMA200160A0023	

Access Control

ABB-AccessControl - Cylinders

Cylinder - European half profile

Description	The cylinder is suitable for any interior or weather-proofed exterior door, making it a very versatile solution. As there is no wiring whatsoever, mounting and replacement is completed in next to no time, whether you are installing a cylinder for the first time or retrofitting. The cylinder can be operated offline, in a local networked configuration or online through internet.
Features	- Simple installation and easy retrofit to traditional mechanical cylinder - Different portfolios to meet different user scenarios - Simple and intuitive design - Highly security on mechanical protection and data transfer - Easy and feasible configuration and daily management
Technical details	Supported RFID standards - MIFARE (DESFire EV1) Radio interface: - IEEE 802.15.4 2.4GHz radio Power supply/service life - Battery: 4x LR1 Alkali - Battery life at 20 °C: up to 130.000 or up to 3 years Environment - Temperature: -35 °C to 55 °C - Protection type: up to IP66 - Humidity: 0 to 95%, non-condensing Certification symbol - CE,UL,CCC,FCC,IP66,RCM,EAC,WEEE

Version European profile half cylinder

Article no.	Order no.	Technical data	Article no.	Order no.	Technical data
D01EU300003NF1-04	2CKA008300A1174	30/00	D01EU304003NF1-04	2CKA008300A1201	30/40
D01EU350003NF1-04	2CKA008300A1175	35/00	D01EU354003NF1-04	2CKA008300A1202	35/40
D01EU400003NF1-04	2CKA008300A1176	40/00	D01EU404003NF1-04	2CKA008300A1203	40/40
D01EU450003NF1-04	2CKA008300A1177	45/00	D01EU454003NF1-04	2CKA008300A1204	45/40
D01EU500003NF1-04	2CKA008300A1178	50/00	D01EU504003NF1-04	2CKA008300A1205	50/40
D01EU550003NF1-04	2CKA008300A1179	55/00	D01EU554003NF1-04	2CKA008300A1206	55/40
D01EU600003NF1-04	2CKA008300A1180	60/00	D01EU604003NF1-04	2CKA008300A1207	60/40
D01EU650003NF1-04	2CKA008300A1181	65/00	D01EU654003NF1-04	2CKA008300A1208	65/40
D01EU700003NF1-04	2CKA008300A1182	70/00	D01EU704003NF1-04	2CKA008300A1209	70/40
D01EU303003NF1-04	2CKA008300A1183	30/30	D01EU304503NF1-04	2CKA008300A1210	30/45
D01EU353003NF1-04	2CKA008300A1184	35/30	D01EU354503NF1-04	2CKA008300A1211	35/45
D01EU403003NF1-04	2CKA008300A1185	40/30	D01EU404503NF1-04	2CKA008300A1212	40/45
D01EU453003NF1-04	2CKA008300A1186	45/30	D01EU454503NF1-04	2CKA008300A1213	45/45
D01EU503003NF1-04	2CKA008300A1187	50/30	D01EU504503NF1-04	2CKA008300A1214	50/45
D01EU553003NF1-04	2CKA008300A1188	55/30	D01EU554503NF1-04	2CKA008300A1215	55/45
D01EU603003NF1-04	2CKA008300A1189	60/30	D01EU604503NF1-04	2CKA008300A1216	60/45
D01EU653003NF1-04	2CKA008300A1190	65/30	D01EU654503NF1-04	2CKA008300A1217	65/45
D01EU703003NF1-04	2CKA008300A1191	70/30	D01EU704503NF1-04	2CKA008300A1218	70/45
D01EU303503NF1-04	2CKA008300A1192	30/35	D01EU305003NF1-04	2CKA008300A1219	30/50
D01EU353503NF1-04	2CKA008300A1193	35/35	D01EU355003NF1-04	2CKA008300A1220	35/50
D01EU403503NF1-04	2CKA008300A1194	40/35	D01EU405003NF1-04	2CKA008300A1221	40/50
D01EU453503NF1-04	2CKA008300A1195	45/35	D01EU455003NF1-04	2CKA008300A1222	45/50
D01EU503503NF1-04	2CKA008300A1196	50/35	D01EU505003NF1-04	2CKA008300A1223	50/50
D01EU553503NF1-04	2CKA008300A1197	55/35	D01EU555003NF1-04	2CKA008300A1224	55/50
D01EU603503NF1-04	2CKA008300A1198	60/35	D01EU605003NF1-04	2CKA008300A1225	60/50
D01EU653503NF1-04	2CKA008300A1199	65/35	D01EU655003NF1-04	2CKA008300A1226	65/50
D01EU703503NF1-04	2CKA008300A1200	70/35	D01EU705003NF1-04	2CKA008300A1227	70/50

Access Control

ABB-AccessControl - Cylinders

Cylinder - European full profile

Description	The cylinder is suitable for any interior or weather-proofed exterior door, making it a very versatile solution. As there is no wiring whatsoever, mounting and replacement is completed in next to no time, whether you are installing a cylinder for the first time or retrofitting. The cylinder can be operated offline, in a local networked configuration or online through internet.
Features	- Simple installation and easy retrofit to traditional mechanical cylinder - Different portfolios to meet different user scenarios - Simple and intuitive design - Highly security on mechanical protection and data transfer - Easy and feasible configuration and daily management
Technical details	Supported RFID standards - MIFARE (DESFire EV1) Radio interface: - IEEE 802.15.4 2.4GHz radio Power supply/service life - Battery: 4x LR1 Alkali - Battery life at 20 °C: up to 130.000 or up to 3 years Environment - Temperature: -35 °C to 55 °C - Protection type: up to IP66 - Humidity: 0 to 95%, non-condensing Certification symbol - CE,UL,CCC,FCC,IP66,RCM,EAC,WEEE

Version European cylinder with thumbturn

Article no.	Order no.	Tech-nical data	Article no.	Order no.	Tech-nical data
D01EU303003TF1-04	2CKA008300A1228	30/30	D01EU505503TF1-04	2CKA008300A1269	50/55
D01EU303503TF1-04	2CKA008300A1229	30/35	D01EU506003TF1-04	2CKA008300A1270	50/60
D01EU304003TF1-04	2CKA008300A1230	30/40	D01EU506503TF1-04	2CKA008300A1271	50/65
D01EU304503TF1-04	2CKA008300A1231	30/45	D01EU507003TF1-04	2CKA008300A1272	50/70
D01EU305003TF1-04	2CKA008300A1232	30/50	D01EU553003TF1-04	2CKA008300A1273	55/30
D01EU305503TF1-04	2CKA008300A1233	30/55	D01EU553503TF1-04	2CKA008300A1274	55/35
D01EU306003TF1-04	2CKA008300A1234	30/60	D01EU554003TF1-04	2CKA008300A1275	55/40
D01EU306503TF1-04	2CKA008300A1235	30/65	D01EU554503TF1-04	2CKA008300A1276	55/45
D01EU307003TF1-04	2CKA008300A1236	30/70	D01EU555003TF1-04	2CKA008300A1277	55/50
D01EU353003TF1-04	2CKA008300A1237	35/30	D01EU555503TF1-04	2CKA008300A1278	55/55
D01EU353503TF1-04	2CKA008300A1238	35/35	D01EU556003TF1-04	2CKA008300A1279	55/60
D01EU354003TF1-04	2CKA008300A1239	35/40	D01EU556503TF1-04	2CKA008300A1280	55/65
D01EU354503TF1-04	2CKA008300A1240	35/45	D01EU557003TF1-04	2CKA008300A1281	55/70
D01EU355003TF1-04	2CKA008300A1241	35/50	D01EU603003TF1-04	2CKA008300A1282	60/30
D01EU355503TF1-04	2CKA008300A1242	35/55	D01EU603503TF1-04	2CKA008300A1283	60/35
D01EU356003TF1-04	2CKA008300A1243	35/60	D01EU604003TF1-04	2CKA008300A1284	60/40
D01EU356503TF1-04	2CKA008300A1244	35/65	D01EU604503TF1-04	2CKA008300A1285	60/45
D01EU357003TF1-04	2CKA008300A1245	35/70	D01EU605003TF1-04	2CKA008300A1286	60/50
D01EU403003TF1-04	2CKA008300A1246	40/30	D01EU605503TF1-04	2CKA008300A1287	60/55
D01EU403503TF1-04	2CKA008300A1247	40/35	D01EU606003TF1-04	2CKA008300A1288	60/60
D01EU404003TF1-04	2CKA008300A1248	40/40	D01EU606503TF1-04	2CKA008300A1289	60/65
D01EU404503TF1-04	2CKA008300A1249	40/45	D01EU607003TF1-04	2CKA008300A1290	60/70
D01EU405003TF1-04	2CKA008300A1250	40/50	D01EU653003TF1-04	2CKA008300A1291	65/30
D01EU405503TF1-04	2CKA008300A1251	40/55	D01EU653503TF1-04	2CKA008300A1292	65/35
D01EU406003TF1-04	2CKA008300A1252	40/60	D01EU654003TF1-04	2CKA008300A1293	65/40
D01EU406503TF1-04	2CKA008300A1253	40/65	D01EU654503TF1-04	2CKA008300A1294	65/45
D01EU407003TF1-04	2CKA008300A1254	40/70	D01EU655003TF1-04	2CKA008300A1295	65/50
D01EU453003TF1-04	2CKA008300A1255	45/30	D01EU655503TF1-04	2CKA008300A1296	65/55
D01EU453503TF1-04	2CKA008300A1256	45/35	D01EU656003TF1-04	2CKA008300A1297	65/60
D01EU454003TF1-04	2CKA008300A1257	45/40	D01EU656503TF1-04	2CKA008300A1298	65/65

Access Control

ABB-AccessControl - Cylinders

Version European cylinder with thumbturn					
Article no.	**Order no.**	**Tech-nical data**	**Article no.**	**Order no.**	**Tech-nical data**
D01EU454503TF1-04	2CKA008300A1258	45/45	D01EU657003TF1-04	2CKA008300A1299	65/70
D01EU455003TF1-04	2CKA008300A1259	45/50	D01EU703003TF1-04	2CKA008300A1300	70/30
D01EU455503TF1-04	2CKA008300A1260	45/55	D01EU703503TF1-04	2CKA008300A1301	70/35
D01EU456003TF1-04	2CKA008300A1261	45/60	D01EU704003TF1-04	2CKA008300A1302	70/40
D01EU456503TF1-04	2CKA008300A1262	45/65	D01EU704503TF1-04	2CKA008300A1303	70/45
D01EU457003TF1-04	2CKA008300A1263	45/70	D01EU705003TF1-04	2CKA008300A1304	70/50
D01EU503003TF1-04	2CKA008300A1264	50/30	D01EU705503TF1-04	2CKA008300A1305	70/55
D01EU503503TF1-04	2CKA008300A1265	50/35	D01EU706003TF1-04	2CKA008300A1306	70/60
D01EU504003TF1-04	2CKA008300A1266	50/40	D01EU706503TF1-04	2CKA008300A1307	70/65
D01EU504503TF1-04	2CKA008300A1267	50/45	D01EU707003TF1-04	2CKA008300A1308	70/70
D01EU505003TF1-04	2CKA008300A1268	50/50			

Access Control

ABB-AccessControl - Cylinders

Cylinder - Swiss half profile

Description	The cylinder is suitable for any interior or weather-proofed exterior door, making it a very versatile solution. As there is no wiring whatsoever, mounting and replacement is completed in next to no time, whether you are installing a cylinder for the first time or retrofitting. The cylinder can be operated offline, in a local networked configuration or online through internet.
Features	- Simple installation and easy retrofit to traditional mechanical cylinder - Different portfolios to meet different user scenarios - Simple and intuitive design - Highly security on mechanical protection and data transfer - Easy and feasible configuration and daily management
Technical details	Supported RFID standards - MIFARE (DESFire EV1) Radio interface: - IEEE 802.15.4 2.4GHz radio Power supply/service life - Battery: 4x LR1 Alkali - Battery life at 20 °C: up to 130.000 or up to 3 years Environment - Temperature: -35 °C to 55 °C - Protection type: up to IP66 - Humidity: 0 to 95%, non-condensing Certification symbol - CE,UL,CCC,FCC,IP66,RCM,EAC,WEEE

Version Swiss round profile half cylinder

Article no.	Order no.	Tech-nical data	Article no.	Order no.	Tech-nical data
D01CH300003NF1-04	2CKA008300A1309	30/00	D01CH304003NF1-04	2CKA008300A1336	30/40
D01CH350003NF1-04	2CKA008300A1310	35/00	D01CH354003NF1-04	2CKA008300A1337	35/40
D01CH400003NF1-04	2CKA008300A1311	40/00	D01CH404003NF1-04	2CKA008300A1338	40/40
D01CH450003NF1-04	2CKA008300A1312	45/00	D01CH454003NF1-04	2CKA008300A1339	45/40
D01CH500003NF1-04	2CKA008300A1313	50/00	D01CH504003NF1-04	2CKA008300A1340	50/40
D01CH550003NF1-04	2CKA008300A1314	55/00	D01CH554003NF1-04	2CKA008300A1341	55/40
D01CH600003NF1-04	2CKA008300A1315	60/00	D01CH604003NF1-04	2CKA008300A1342	60/40
D01CH650003NF1-04	2CKA008300A1316	65/00	D01CH654003NF1-04	2CKA008300A1343	65/40
D01CH700003NF1-04	2CKA008300A1317	70/00	D01CH704003NF1-04	2CKA008300A1344	70/40
D01CH303003NF1-04	2CKA008300A1318	30/30	D01CH304503NF1-04	2CKA008300A1345	30/45
D01CH353003NF1-04	2CKA008300A1319	35/30	D01CH354503NF1-04	2CKA008300A1346	35/45
D01CH403003NF1-04	2CKA008300A1320	40/30	D01CH404503NF1-04	2CKA008300A1347	40/45
D01CH453003NF1-04	2CKA008300A1321	45/30	D01CH454503NF1-04	2CKA008300A1348	45/45
D01CH503003NF1-04	2CKA008300A1322	50/30	D01CH504503NF1-04	2CKA008300A1349	50/45
D01CH553003NF1-04	2CKA008300A1323	55/30	D01CH554503NF1-04	2CKA008300A1350	55/45
D01CH603003NF1-04	2CKA008300A1324	60/30	D01CH604503NF1-04	2CKA008300A1351	60/45
D01CH653003NF1-04	2CKA008300A1325	65/30	D01CH654503NF1-04	2CKA008300A1352	65/45
D01CH703003NF1-04	2CKA008300A1326	70/30	D01CH704503NF1-04	2CKA008300A1353	70/45
D01CH303503NF1-04	2CKA008300A1327	30/35	D01CH305003NF1-04	2CKA008300A1354	30/50
D01CH353503NF1-04	2CKA008300A1328	35/35	D01CH355003NF1-04	2CKA008300A1355	35/50
D01CH403503NF1-04	2CKA008300A1329	40/35	D01CH405003NF1-04	2CKA008300A1356	40/50
D01CH453503NF1-04	2CKA008300A1330	45/35	D01CH455003NF1-04	2CKA008300A1357	45/50
D01CH503503NF1-04	2CKA008300A1331	50/35	D01CH505003NF1-04	2CKA008300A1358	50/50
D01CH553503NF1-04	2CKA008300A1332	55/35	D01CH555003NF1-04	2CKA008300A1359	55/50
D01CH603503NF1-04	2CKA008300A1333	60/35	D01CH605003NF1-04	2CKA008300A1360	60/50
D01CH653503NF1-04	2CKA008300A1334	65/35	D01CH655003NF1-04	2CKA008300A1361	65/50
D01CH703503NF1-04	2CKA008300A1335	70/35	D01CH705003NF1-04	2CKA008300A1362	70/50

Access Control

ABB-AccessControl - Cylinders

Cylinder - Swiss full profile

Description	The cylinder is suitable for any interior or weather-proofed exterior door, making it a very versatile solution. As there is no wiring whatsoever, mounting and replacement is completed in next to no time, whether you are installing a cylinder for the first time or retrofitting. The cylinder can be operated offline, in a local networked configuration or online through internet.
Features	- Simple installation and easy retrofit to traditional mechanical cylinder - Different portfolios to meet different user scenarios - Simple and intuitive design - Highly security on mechanical protection and data transfer - Easy and feasible configuration and daily management
Technical details	Supported RFID standards - MIFARE (DESFire EV1) Radio interface: - IEEE 802.15.4 2.4GHz radio Power supply/service life - Battery: 4x LR1 Alkali - Battery life at 20 °C: up to 130.000 or up to 3 years Environment - Temperature: -35 °C to 55 °C - Protection type: up to IP66 - Humidity: 0 to 95%, non-condensing Certification symbol - CE,UL,CCC,FCC,IP66,RCM,EAC,WEEE

Version Swiss round profile cylinder with thumbturn

Article no.	Order no.	Tech-nical data	Article no.	Order no.	Tech-nical data
D01CH303003TF1-04	2CKA008300A1363	30/30	D01CH505503TF1-04	2CKA008300A1404	50/55
D01CH303503TF1-04	2CKA008300A1364	30/35	D01CH506003TF1-04	2CKA008300A1405	50/60
D01CH304003TF1-04	2CKA008300A1365	30/40	D01CH506503TF1-04	2CKA008300A1406	50/65
D01CH304503TF1-04	2CKA008300A1366	30/45	D01CH507003TF1-04	2CKA008300A1407	50/70
D01CH305003TF1-04	2CKA008300A1367	30/50	D01CH553003TF1-04	2CKA008300A1408	55/30
D01CH305503TF1-04	2CKA008300A1368	30/55	D01CH553503TF1-04	2CKA008300A1409	55/35
D01CH306003TF1-04	2CKA008300A1369	30/60	D01CH554003TF1-04	2CKA008300A1410	55/40
D01CH306503TF1-04	2CKA008300A1370	30/65	D01CH554503TF1-04	2CKA008300A1411	55/45
D01CH307003TF1-04	2CKA008300A1371	30/70	D01CH555003TF1-04	2CKA008300A1412	55/50
D01CH353003TF1-04	2CKA008300A1372	35/30	D01CH555503TF1-04	2CKA008300A1413	55/55
D01CH353503TF1-04	2CKA008300A1373	35/35	D01CH556003TF1-04	2CKA008300A1414	55/60
D01CH354003TF1-04	2CKA008300A1374	35/40	D01CH556503TF1-04	2CKA008300A1415	55/65
D01CH354503TF1-04	2CKA008300A1375	35/45	D01CH557003TF1-04	2CKA008300A1416	55/70
D01CH355003TF1-04	2CKA008300A1376	35/50	D01CH603003TF1-04	2CKA008300A1417	60/30
D01CH355503TF1-04	2CKA008300A1377	35/55	D01CH603503TF1-04	2CKA008300A1418	60/35
D01CH356003TF1-04	2CKA008300A1378	35/60	D01CH604003TF1-04	2CKA008300A1419	60/40
D01CH356503TF1-04	2CKA008300A1379	35/65	D01CH604503TF1-04	2CKA008300A1420	60/45
D01CH357003TF1-04	2CKA008300A1380	35/70	D01CH605003TF1-04	2CKA008300A1421	60/50
D01CH403003TF1-04	2CKA008300A1381	40/30	D01CH605503TF1-04	2CKA008300A1422	60/55
D01CH403503TF1-04	2CKA008300A1382	40/35	D01CH606003TF1-04	2CKA008300A1423	60/60
D01CH404003TF1-04	2CKA008300A1383	40/40	D01CH606503TF1-04	2CKA008300A1424	60/65
D01CH404503TF1-04	2CKA008300A1384	40/45	D01CH607003TF1-04	2CKA008300A1425	60/70
D01CH405003TF1-04	2CKA008300A1385	40/50	D01CH653003TF1-04	2CKA008300A1426	65/30
D01CH405503TF1-04	2CKA008300A1386	40/55	D01CH653503TF1-04	2CKA008300A1427	65/35
D01CH406003TF1-04	2CKA008300A1387	40/60	D01CH654003TF1-04	2CKA008300A1428	65/40
D01CH406503TF1-04	2CKA008300A1388	40/65	D01CH654503TF1-04	2CKA008300A1429	65/45
D01CH407003TF1-04	2CKA008300A1389	40/70	D01CH655003TF1-04	2CKA008300A1430	65/50
D01CH453003TF1-04	2CKA008300A1390	45/30	D01CH655503TF1-04	2CKA008300A1431	65/55
D01CH453503TF1-04	2CKA008300A1391	45/35	D01CH656003TF1-04	2CKA008300A1432	65/60
D01CH454003TF1-04	2CKA008300A1392	45/40	D01CH656503TF1-04	2CKA008300A1433	65/65

Access Control

ABB-AccessControl - Cylinders

Version Swiss round profile cylinder with thumbturn					
Article no.	**Order no.**	**Tech-nical data**	**Article no.**	**Order no.**	**Tech-nical data**
D01CH454503TF1-04	2CKA008300A1393	45/45	D01CH657003TF1-04	2CKA008300A1434	65/70
D01CH455003TF1-04	2CKA008300A1394	45/50	D01CH703003TF1-04	2CKA008300A1435	70/30
D01CH455503TF1-04	2CKA008300A1395	45/55	D01CH703503TF1-04	2CKA008300A1436	70/35
D01CH456003TF1-04	2CKA008300A1396	45/60	D01CH704003TF1-04	2CKA008300A1437	70/40
D01CH456503TF1-04	2CKA008300A1397	45/65	D01CH704503TF1-04	2CKA008300A1438	70/45
D01CH457003TF1-04	2CKA008300A1398	45/70	D01CH705003TF1-04	2CKA008300A1439	70/50
D01CH503003TF1-04	2CKA008300A1399	50/30	D01CH705503TF1-04	2CKA008300A1440	70/55
D01CH503503TF1-04	2CKA008300A1400	50/35	D01CH706003TF1-04	2CKA008300A1441	70/60
D01CH504003TF1-04	2CKA008300A1401	50/40	D01CH706503TF1-04	2CKA008300A1442	70/65
D01CH504503TF1-04	2CKA008300A1402	50/45	D01CH707003TF1-04	2CKA008300A1443	70/70
D01CH505003TF1-04	2CKA008300A1403	50/50			

Access Control

ABB-AccessControl - Cylinders

Cylinder - ANSI mortice profile

Description	The cylinder is suitable for any interior or weather-proofed exterior door, making it a very versatile solution. As there is no wiring whatsoever, mounting and replacement is completed in next to no time, whether you are installing a cylinder for the first time or retrofitting. The cylinder can be operated offline, in a local networked configuration or online through internet.
Features	- Simple installation and easy retrofit to traditional mechanical cylinder - Different portfolios to meet different user scenarios - Simple and intuitive design - Highly security on mechanical protection and data transfer - Easy and feasible configuration and daily management
Technical details	Supported RFID standards - MIFARE (DESFire EV1) Radio interface: - IEEE 802.15.4 2.4GHz radio Power supply/service life - Battery: 4x LR1 Alkali - Battery life at 20 °C: up to 130.000 or up to 3 years Environment - Temperature: -35 °C to 55 °C - Protection type: up to IP66 - Humidity: 0 to 95%, non-condensing Certification symbol - CE,UL,CCC,FCC,IP66,RCM,EAC,WEEE

Version US mortise profile cylinder

Order no.	Article no.	Technical data
2CKA008300A0986	D01MO320005NF1-04	32/00 MO
2CKA008300A0987	D01MO350005NF1-04	36/00 MO
2CKA008300A0988	D01MO380005NF1-04	38/00 MO
2CKA008300A0989	D01MO410005NF1-04	41/00 MO
2CKA008300A0990	D01MO440005NF1-04	44/00 MO
2CKA008300A0991	D01MO500005NF1-04	50/00 MO

Access Control

ABB-AccessControl - Cylinders

Cylinder - Scandinavian profile

Description	The cylinder is suitable for any interior or weather-proofed exterior door, making it a very versatile solution. As there is no wiring whatsoever, mounting and replacement is completed in next to no time, whether you are installing a cylinder for the first time or retrofitting. The cylinder can be operated offline, in a local networked configuration or online through internet.
Features	- Simple installation and easy retrofit to traditional mechanical cylinder - Different portfolios to meet different user scenarios - Simple and intuitive design - Highly security on mechanical protection and data transfer - Easy and feasible configuration and daily management
Technical details	Supported RFID standards - MIFARE (DESFire EV1) Radio interface: - IEEE 802.15.4 2.4GHz radio Power supply/service life - Battery: 4x LR1 Alkali - Battery life at 20 °C: up to 130.000 or up to 3 years Environment - Temperature: -35 °C to 55 °C - Protection type: up to IP66 - Humidity: 0 to 95%, non-condensing Certification symbol - CE,UL,CCC,FCC,IP66,RCM,EAC,WEEE

Version Scandinavian profile half cylinder		
Order no.	**Article no.**	**Technical data**
2CKA008300A0846	D01SC300005NF1-04	30/00

Access Control

ABB-AccessControl - Cylinders

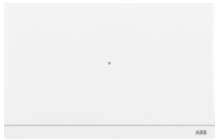
Cylinder - ANSI rim profile

Description	The cylinder is suitable for any interior or weather-proofed exterior door, making it a very versatile solution. As there is no wiring whatsoever, mounting and replacement is completed in next to no time, whether you are installing a cylinder for the first time or retrofitting. The cylinder can be operated offline, in a local networked configuration or online through internet.
Features	Simple installation and easy retrofit to traditional mechanical cylinder Different portfolios to meet different user scenarios Simple and intuitive design Highly security on mechanical protection and data transfer Easy and feasible configuration and daily management
Technical details	Supported RFID standards - MIFARE (DESFire EV1) Radio interface: - IEEE 802.15.4 2.4GHz radio Power supply/service life - Battery: 4x LR1 Alkali - Battery life at 20 °C: up to 130.000 or up to 3 years Environment - Temperature: -35 °C to 55 °C - Protection type: up to IP66 - Humidity: 0 to 95%, non-condensing Certification symbol - CE,UL,CCC,FCC,IP66,RCM,EAC,WEEE

Version US RIM profile cylinder		
Order no.	**Article no.**	**Technical data**
2CKA008300A0983	D01US000008NF1-04	00/00

Access Control

ABB-AccessControl - System devices



Smart Access Point

Description	A central management device of Welcome IP system, it can couple as sub-system, and also manage interworking of multiple sub-system of same type. Commissioning and remote control is executed via web interface. No additional commissioning software is required. Connection to the network via WLAN client mode or via CAT cable to manage all your access, configure all your devices, record your logs, etc.
Features	- Easy to commissioning - Access rights, who, where, when… - Enhanced security with record event log and receive notification and alert - Manage all connected devices - Interaction between different systems - Manage welcome App - Event management and building-wide messaging - Integrated chimey, easy for retrofit - In-build BLE, the best choice for standalone AC system
Technical details	- Dimension: 204 mm × 132 mm × 32 mm - Network parameter: • Operating mode: LAN/Wireless access point • Wireless transmission band: IEEE 802.11 a/b/g/n 2.4 GHz/5.8 GHz • Safety standard: WPA-PSK, WPA2-PSK, WPA, WPA2, IEEE 802.1x • Network connection standard: 10 / 100 Mbps, auto MDI/MDI-X - Radio interface: IEEE 802.15.4 2.4GHz radio - Power supply: • 24VDC, together with ABB power adaptor • PoE(Power over Ethernet) - Environment: • Temperature: -10 °C to +45 °C • Protection type: IP30 • Vandal proof: IK07 • Humidity: 0 to 95%, non-condensing
Version	Pro
Article no. **Order no.**	D04011 2TMA400260W0002

RF repeater

Description	RF repeater is for indoor applications, wireless extension of radio range by integrated antenna. No network knowledge is required for the wireless network. The RF repeater is available in the elegant housings and can be combined with all VDE boxes, and also can be surface-mounted on the wall.
Features	- Scale up system topology easily - Easy and fast configuration - Different power solution to meet different requests - Firmware update remotely
Technical details	- Dimension: 90 x 90 x 28 mm - Radio interface: IEEE 802.15.4 2.4GHz radio - Power supply: 24 V DC, together with ABB power adaptor - Environment: • Temperature: -10 °C to +45 °C • Protection type: IP30 • Vandal proof: IK07 • Humidity: 0 to 95%, non-condensing
Version	White
Article no. **Order no.**	D04021 2TMA400260W0003

Access Control

ABB-AccessControl - Accessories

RF/IP Gateway

Description	RF/IP Gateway is an easy solution to connect the cylinders to IP platform, so it is one important device to extend the AC solution from residential to commercial, support more than 16 doors, even there is long distance between each door.
Features	- Scale up wireless access control system topology easily • One RF/IP gateway can support another 16 cylinders • Maximum 64 gateways can be connected - Easy and fast configuration • Bluetooth wireless installation with cylinders • Graphical visual configuration through SmartAP web-based interface, pair and link the locks simply and fast - Different power solution to meet different requests • PoE solution • 24VDC plug-in power solution - Firmware update remotely through SmartAP and APP
Technical details	- Dimension: 107 x 109 x 30 - Radio interface: IEEE 802.15.4 2.4GHz radio - Power supply: 24 V DC - Environment: - Temperature: -10 °C to +45 °C - Protection type: IP30 - Vandal proof: IK07 - Humidity: 0 to 95%, non-condensing
Version	White
Article no. **Order no.**	D04031 2TMA400260W0013

Tag

Description	The tag is based on RFID chip technology. Available in electronic cylinders and ABB outdoor readers. With a special encryption to ensure secure controlled access.		
Features	- 13.56 MHz contactless RFID identification, DESfireEV1 (256, 2K, 4K, 8K bytes) - Compatible in all ABB devices - Multi-color design - Modern design with ID-number layout - Waterproof		
Technical details	- 13.56MHz, Mifare DESfireEV1 chip		
Version	White	Grey	Black
Article no. **Order no.**	D081WH-04 2CKA008300A1001	D081GY-04 2CKA008300A1002	D081BK-04 2CKA008300A1004

Maintenance tool

Description	A professional tool to dismantle / fasten the knob, to install in new door, or replace battery	
Technical details	- 13.56MHz, Mifare DESfireEV1 chip	
Article no. **Order no.**	D080MT-04 2CKA008300A1006	D080MC-04 2CKA008300A1007