

Short form catalogue

# Building automation Door communication & access control



Power and productivity for a better world™

## Building automation Door communication & access control



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- 12 Indoor audio station with handset, aluminium silver
- 13 Indoor audio station with handset, anthracite matt



## Possibilities with installation modules for letterbox systems.

- Max. 4 video door systems with max. 99
  doorbell buttons
- Max. 99 private apartments
- A maximum of 4 indoor stations are possible in each apartment, inependant of audio or video

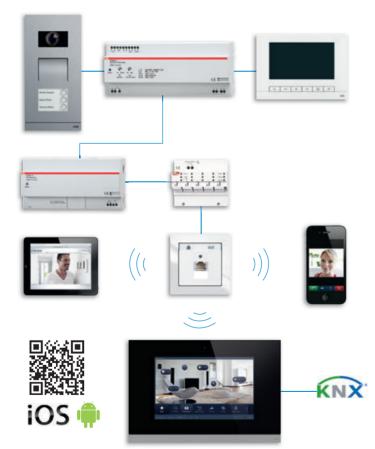
Two sub lines as well as the incoming and forwarding stub line can be connected per video distributor.





01 Keypad extension

- 02 Camera module
- 03 Audio assembly with microphone and loadspeaker
- 04 Switch actuator, flush mounted



### Mobile door communication.

As supplement to the permanently installed indoor stations, up to four additional participants can be connected to the ABB-Welcome system via the IP gateway. These devices can be smartphones, tablet PCs or a Busch-ComfortTouch®. The devices can be mixed.

There is only one system controller irrespective of whether audio or video systems are set up. Starting from a specific number of participants, additional power supplies are necessary. Detailed information on the system setup is available in the ABB-Welcome system manual (0001-0-1292). The system controller already has connections for the door opener and for one outdoor light. Both are switched via the indoor station.

| Description  | Part No  | Product Hierarchy<br>900004 Order Cod |
|--|--|---------------------------------------|
| <b>Outdoor video stations stainless s</b><br>Front plate made of 3 mm stainless steel, surface is<br>Video camera with automatic day/night switchover a<br>infrared LEDs to illuminate the night shots.<br>Communication unit and key module are backlit.<br>Stamped labelling foil is enclosed.<br>Mounting tool is enclosed.<br>For flush-mounted installation with 83402 U-681-51<br>For surface-mounted installation with 83402 U-681-51<br>Vertical/horizontal detection angle: 86°/67°<br>Setting angle horizontal/vertical: +/-15°, mechanic<br>Protection class (Device): -25 °C to 55 °C<br>Dimensions: (L x W x D): 277 mm x 135 mm x 43 m | brushed<br>nd<br>00.<br>-500.<br>ally adjustable |                                       |
| 1 gang <sup>1)</sup>   | 83121/1-660-500                                  | 8300-0-0101                           |
| 2 gang <sup>1)</sup>   | 83121/2-660-500                                  | 8300-0-0102                           |
| 3 gang <sup>1)</sup>   | 83121/3-660-500                                  | 8300-0-0103                           |
| 4 gang <sup>1)</sup>   | 83122/4-660-500                                  | 8300-0-0288                           |
| 6 gang1)   | 83122/6-660-500                                  | 8300-0-0289                           |
| 8 gang1)   | 83124/8-660-500                                  | 8300-0-0290                           |
| 12 gang <sup>1)</sup>  | 83124/12-660-500                                 | 8300-0-0291                           |

### Outdoor audio stations stainless steel

Front plate made of 3 mm stainless steel, surface is brushed Communication unit and key module are backlit. Stamped labelling foil is enclosed. Mounting tool is enclosed. For flush-mounted installation with 83401 U-681-500. For surface-mounted installation with 83401 AP-681-500. Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 205 mm x 135 mm x 29 mm

| 2 gang <sup>1)</sup>  | 83101/1-660-500  | 8300-0-0096 |
|-----------------------|------------------|-------------|
| 2 gang <sup>1)</sup>  | 83101/2-660-500  | 8300-0-0097 |
| 3 gang <sup>1)</sup>  | 83101/3-660-500  | 8300-0-0098 |
| 4 gang <sup>1)</sup>  | 83102/4-660-500  | 8300-0-0284 |
| 6 gang <sup>1)</sup>  | 83102/6-660-500  | 300-0-0285  |
| 10 gang <sup>1)</sup> | 83105/10-660-500 | 8300-0-0286 |
| 15 gang)              | 83105/15-660-500 | 8300-0-0287 |

### Outdoor video stations studio white matt

Front plate made of 3 mm steel, surface is coated white Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots. Communication unit and key module are backlit. Stamped labelling foil is enclosed. Mounting tool is enclosed. For flush-mounted installation with 83402 U-689-500. For surface-mounted installation with 83402 AP-689-500. Vertical/horizontal detection angle: 86°/67° Setting angle borizontal/wortical: 1/15° mochanically ad a abani a allu a diu atabla

8 gang 664 studio white

| Protection class (Device): IP 44<br>Temperature range (Device): -25 °C to 55 °C<br>Dimensions: (L x W x D): 277 mm x 135 mm x 43 mi |                 |             |
|---|-----------------|-------------|
| 1 gang <sup>1)</sup>  | 83121/1-664-500 | 8300-0-0091 |
| 2 gang <sup>1)</sup>  | 83121/2-664-500 | 8300-0-0092 |
| 3 gang <sup>1)</sup>  | 83121/3-664-500 | 8300-0-0093 |
| 4 gang <sup>1)</sup>  | 83122/4-664-500 | 8300-0-0280 |

| 1 gang <sup>1)</sup>  | 83121/1-664-500  | 8300-0-0091 |
|-----------------------|------------------|-------------|
| 2 gang <sup>1)</sup>  | 83121/2-664-500  | 8300-0-0092 |
| 3 gang <sup>1)</sup>  | 83121/3-664-500  | 8300-0-0093 |
| 4 gang <sup>1)</sup>  | 83122/4-664-500  | 8300-0-0280 |
| 6 gang <sup>1)</sup>  | 83122/6-664-500  | 8300-0-0281 |
| 8 gang <sup>1)</sup>  | 83124/8-664-500  | 8300-0-0282 |
| 12 gang <sup>1)</sup> | 83124/12-664-500 | 8300-0-0283 |

6 gang 660 stainless steel



1 gang 660 stainless steel

| Description  | Part No   | Product Hierard<br>900004 Order C  |
|--|---|--|
| Outdoor audio stations studio white matt<br>Front plate made of 3 mm steel, surface is coated white<br>Communication unit and key module are backlit.<br>Stamped labelling foil is enclosed.<br>Mounting tool is enclosed.<br>For flush-mounted installation with 83401 U-689-500.<br>For surface-mounted installation with 83401 AP-689-500.<br>Protection class (Device): IP 44<br>Temperature range (Device): -25 °C to 55 °C |   |  |
| Dimensions: (L x W x D): 205 mm x 135 mm x 29 mm   |   |  |
| Dimensions: (L x W x D): 205 mm x 135 mm x 29 mm<br>1 gang <sup>1)</sup>   | 83101/1-664-500                                       | 8300-0-008   |
|  | 83101/1-664-500<br>83101/2-664-500                    |  |
| 1 gang <sup>1)</sup>   |   | 8300-0-008   |
| 1 gang <sup>1)</sup><br>2 gang <sup>1)</sup>   | 83101/2-664-500                                       | 8300-0-008<br>8300-0-008   |
| 1 gang <sup>1)</sup><br>2 gang <sup>1)</sup><br>3 gang <sup>1)</sup><br>4 gang <sup>1)</sup>   | 83101/2-664-500<br>83101/3-664-500                    | 8300-0-008<br>8300-0-008<br>8300-0-027   |
| 1 gang <sup>1)</sup><br>2 gang <sup>1)</sup><br>3 gang <sup>1)</sup>   | 83101/2-664-500<br>83101/3-664-500<br>83102/4-664-500 | 8300-0-008<br>8300-0-008<br>8300-0-008<br>8300-0-027<br>8300-0-027<br>8300-0-027 |

### WelcomeTouch video station with 17.8 cm (7") touch display

Display of the video image of the outdoor station. During the conversation a picture of the visitor can be taken and stored For door calls during absence three pictures of the visitor are automatically stored in the picture memory. With hands-free function, volume is adjustable. Easy operation keys for door openers, mute function and light. Different bell sounds are adjustable for door and floor ringing; five polyphone bell sounds are available. Volume of bell sounds is adjustable. For surface mounting. SD card slot for extension of the picture memory. Display size: 17,8 cm (7" Display resolution: 800 x 480 Consumer units: 11 Protection class (Device): IP 30 Temperature range (Device): -5 °C to 40 °C Dimensions: (L x W x D): 155 mm x 218 mm x 29 mm

| 624 studio white matt | 83220 AP-624-500 | 8300-0-0083 |
|-----------------------|------------------|-------------|
| 681 anthracite matt   | 83220 AP-681-500 | 8300-0-0084 |
| 683 aluminium silver  | 83220 AP-683-500 | 8300-0-0085 |

### Indoor audio station with handset

Volume of the handset is adjustable. Easy operation keys for door openers, mute function and light. Different bell sounds are adjustable for door and floor ringing; five polyphone bell sounds are available. Volume of bell sounds is adjustable For surface mounting. Consumer units: 1 Protection class (Device): IP 30 Temperature range (Device): -5 °C to 40 °C Dimensions: (L x W x D): 198 mm x 81 mm x 38 mm

| 624 studio white matt | 83205 AP-624-500 | 8300-0-0080 |
|-----------------------|------------------|-------------|
| 681 anthracite matt   | 83205 AP-681-500 | 8300-0-0081 |
| 683 aluminium silver  | 83205 AP-683-500 | 8300-0-0082 |

**Indoor audio station surface mounting** With hands-free function, volume is adjustable. Easy operation keys for door openers, mute function and light. Different bell sounds are adjustable for door and floor ringing; five polyphone bell sounds are available. Volume of bell sounds is adjustable Consumer units: 1 Protection class (Device): IP 30 Temperature range (Device): -5 °C to 40 °C Dimensions: (L x W x D): 175 mm x 81 mm x 22 mm

| 624 studio white matt | 83210 AP-624-500 | 8300-0-0332 |
|-----------------------|------------------|-------------|
| 681 anthracite matt   | 83210 AP-681-500 | 8300-0-0333 |
| 683 aluminium silver  | 83210 AP-683-500 | 8300-0-0334 |



3 gang 664 studio white





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| Description  | Part No      | 900004 Order Code |
|--|--------------|-------------------|
| Indoor audio station with display flush mounted<br>For integrating in Busch-Jaeger switch ranges<br>Illuminated monochrome display for indicating the most<br>important functions (e.g. bells, conversation, mute) and<br>programming menu.<br>With hands-free function, volume is adjustable.<br>Easy operation keys for door openers, mute function and light.<br>Different bell sounds are adjustable for door and floor ringing;<br>five polyphone bell sounds are available.<br>Volume of bell sounds is adjustable.<br>For flush-mounted installation in two flush-mounted sockets.<br>Display size: 3,8 cm (1,5'')<br>Consumer units: 2<br>Protection class (Device): IP 30<br>Temperature range (Device): -5 °C to 40 °C | 83200 U-500  | 8300-0-0218       |
| Cover plates<br>For indoor audio station with display.<br>Protection class (Device): IP 30<br>Temperature range (Device): -5 °C to 40 °C   |              |                   |
| 81 anthracite - future® linear   | 83260-81-500 | 8300-0-0220       |
| 83 aluminium silver - future® linear   | 83260-83-500 | 8300-0-0221       |
| 84 studio white - future® linear   | 83260-84-500 | 8300-0-0219       |
| 84 studio white - solo   | 83260-84-500 | 8300-0-0219       |
| 84 studio white - Busch-axcent®  | 83260-84-500 | 8300-0-0219       |
| 84 studio white - carat®   | 83260-84-500 | 8300-0-0219       |
| System controller, MDRC<br>Supply device and controller of the ABB-Welcome system.<br>For connecting the indoor and outdoor busline.<br>With output for electrical door opener for $12V \sim$ , 1,6A or<br>potential-free output 30V, 3A.<br>With output to control hall light directly or via relais (230V, 3A).<br>Switching time duration of the door opener and the light is adjustable.<br>For up to 65 consumer units.<br>Rated voltage: 230 V $\sim$ , +10 % / -10 %<br>Output voltage: 28 V<br>Rated frequency: 50 Hz/60 Hz<br>Rated power: 42 W<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 90 mm x 216 mm x 65 mm<br>Module width: 12 MW             | 83300-500    | 8300-0-0125       |
| Auxiliary power supply, MDRC<br>Additional supply device of the ABB-Welcome system to<br>increase the number of connectable indoor stations.<br>For up to 45 consumer units.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Output voltage: 28 V<br>Rated frequency: 50 Hz/60 Hz<br>Rated power: 28 W<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 90 mm x 144 mm x 65 mm<br>Module width: 8 MW   | 83310-500    | 8300-0-0126       |

83330-500

8300-0-0123



Switch actuator, door/light, MDRC To control an additional electrical door opener or additional hall light directly or via potential-free output 230V, 3A.

Assignment to an outdoor station is adjustable. Switching time adjustable: for door opener 1 sec to 10 sec; for light outputs 1 sec to 5 min. Consumer units: 2

Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 90 mm x 72 mm x 65 mm Module width: 4 MW

The sar

| Description  | Part No     | Product Hierarchy<br>900004 Order Code |
|--|-------------|--|
| Indoor audio station with display flush mounted         For integrating in Busch-Jaeger switch ranges         Illuminated monochrome display for indicating the most         important functions (e.g. bells, conversation, mute) and         programming menu.         With hands-free function, volume is adjustable.         Easy operation keys for door openers, mute function and light.         Different bell sounds are adjustable for door and floor ringing;         five polyphone bell sounds are available.         Volume of bell sounds is adjustable.         For flush-mounted installation in two flush-mounted sockets.         Display size: 3.8 cm (1,5'')         Consumer units: 2         Protection class (Device): IP 30         Temperature range (Device): -5 °C to 40 °C | 83200 U-500 | 8300-0-0218                            |
| Cover plates<br>For indoor audio station with display.   |             |  |



| 1 | _ |      |
|---|---|------|
|   | 2 |      |
| 1 | _ | <br> |











| Description   | Part No       | Product Hierarchy<br>900004 Order Code |
|---|---------------|--|
| Bell transformer, 12 V AC 1.3 A, MDRC<br>Power supply for an electric door opener.<br>$4 V \sim$ , 1.3 A, 8 VA<br>$8 V \sim$ , 1.3 A, 12 VA<br>12 V $\sim$ , 1.3 A, 16 VA<br>Rated voltage: 230 V $\sim$<br>Rated frequency: 50 Hz<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 90 mm x 36 mm x 65 mm<br>Module width: 2 MW  | 83315-500     | 8300-0-0124                            |
| $\label{eq:starsest} \begin{array}{ c c c } \hline \mbox{IP gateway} \\ \hline \mbox{Allows the integration of tablet or smartphone with installed} \\ \hline \mbox{Welcome app as mobile indoor load for audio and video communication.} \\ \hline \mbox{Makes possible the use of the Busch-ComfortTouch® as indoor door communication.} \\ \hline \mbox{Ethernet connection (RJ 45).} \\ \hline \mbox{Consumer units: 11} \\ \hline \mbox{Protection class (Device): IP 20} \\ \hline \mbox{Temperature range (Device): -5 °C to 45 °C} \\ \hline \mbox{Dimensions: (L x W x D): 90 mm x 180 mm x 65 mm} \\ \hline \mbox{Module width: 10 MW} \end{array}$   | 83341-500     | 8300-0-0336                            |
| Video indoor distributor, MDRC<br>For the distribution of the video signal with line junctions (e.g in a riser mains).<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 90 mm x 36 mm x 65 mm<br>Module width: 2 MW  | 83320/2-500   | 8300-0-0120                            |
| Video indoor distributor, flush-mounted<br>For mounting in flush-mounted wall box.<br>For the distribution of the video signal with line junctions (e.g in a riser mains).<br>Protection class (Device): IP 20<br>Temperature range (Device): $-5 \degree$ C to $45 \degree$ C<br>Dimensions: (L x W x D): $45 \mod x 53 \mod x 20 \mod$  | 83320/2 U-500 | 8300-0-0121                            |
| Video outdoor distributor, MDRC<br>For connecting several video outdoor stations to the system controller.<br>Protection class (Device): IP 20<br>Temperature range (Device): $-5 \degree$ C to 45 °C<br>Dimensions: (L x W x D): 90 mm x 36 mm x 65 mm<br>Module width: 2 MW   | 83325/2-500   | 8300-0-0122                            |
| Switch actuator, flush-mounted<br>For mounting in flush-mounted wall box.<br>Switch actuator for connection to the door communication bus.<br>Activates connected loads during an incoming door call<br>(e.g. an external gong).<br>Floating output: 230 V, 3 AX.<br>Consumer units: 1<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 51 mm x 51 mm x 28 mm  | 83335 U-500   | 8300-0-0335                            |
| Telephone gateway         For connecting an ABB-Welcome system with the analog inputs of a private branch exchange (PBX). Enables the usage of telephones (e.g. DECT, ISDN or mobile phones) as indoor station. Taking door calls, opening the door and switching the light via the telephone keypad (DTMF). Switching between the freely-programmable target numbers via the telephone keypad (DTMF).         PIN protection for all configuration settings.         For ABB-Welcome systems with up to 99 appartments.         Programming via the telephone keypad (DTMF) or via web browser (requires IP gateway 83342-5.).         2 screw-type terminals for the analog a'/b' connection towards the private branch exchange (PBX).         Consumer units: 1         Protection class (Device): IP 20         Temperature range (Device): -5 °C to 45 °C         Dimensions: (L x W x D): 90 mm x 72 mm x 65 mm         Module width: 4 MW | 83350-500     | 8300-0-0388                            |

## Building automation ABB - Welcome door system accessories















| Description   |  |
|---|--|
| Flush-mounting box - For mounting in plastered facades.<br>Offers mounting points for the flush-mounted installation box. |  |
| Size 1/2  |  |

| Cavity wall set<br>For cavity wall mounting of the flush-mounted wall boxes. | 83511-500 | 8300-0-0309 |
|--|-----------|-------------|
| Size 2/3   | 83554-500 | 8300-0-0352 |
| Size 1/4   | 83553-500 | 8300-0-0351 |
| Size 1/3   | 83552-500 | 8300-0-0350 |
| Size 1/2   | 83551-500 | 8300-0-0349 |

Part No

Product Hierarchy 900004 Order Code

Surface-mounted installation box For surface-mounted installation of ABB-Welcome outdoorstation. P

| ro | tectio | on | class | (Device | ): | IP | 44 |  |
|----|--------|----|-------|---------|----|----|----|--|

| 681 anthracite - size 1/2              | 83401 AP-681-500 | 8300-0-0116 |
|--|------------------|-------------|
| 689 light grey - size 1/2              | 83401 AP-689-500 | 8300-0-0112 |
| 681 anthracite - size 1/3              | 83402 AP-681-500 | 8300-0-0117 |
| 689 light grey - size 1/3              | 83402 AP-689-500 | 8300-0-0113 |
| 681 anthracite - size 1/4              | 83403 AP-681-500 | 8300-0-0118 |
| 689 light grey - size 1/4              | 83402 AP-689-500 | 8300-0-0114 |
| 681 anthracite - size 2/3              | 83404 AP-681-500 | 8300-0-0119 |
| 689 light grey - size 2/3              | 83404 AP-689-500 | 8300-0-0115 |
| DIN A 4 labelling sheet<br>Transparent | 1799/03          | 1799-0-0960 |

Base call button module Spare part for the outdoor station. Stamped labelling foil is enclosed. Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C

| 1 gang | 83140/1-500 | 8300-0-0106 |
|--------|-------------|-------------|
| 2 gang | 83140/2-500 | 8300-0-0107 |
| 3 gang | 83140/3-500 | 8300-0-0108 |

Auxiliary call button module Spare part for the outdoor station. Stamped labelling foil is enclosed. Protection class (Device): IP 44 Temperature range (Device): -25 °C to 55 °C

| 1 gang   | 83141/1-500   | 8300-0-0109 |
|--|---------------|-------------|
| 2 gang   | 83141/2-500   | 8300-0-0110 |
| 3 gang   | 83141/3-500   | 8300-0-0111 |
| Audio module<br>Spare part for the outdoor station or as supplement for the audio module assembly.<br>Temperature range (Device): -25 °C to 55 °C  | 83500-500     | 8300-0-0232 |
| Camera module<br>Allows the integration of the ABB-Welcome installation in letter boxes and bell systems<br>of different manufacturers, such as in the products of Erwin Renz Metallwarenfabrik<br>GmbH & Co KG, Boschstr. 3, 71737 Kirchberg/Murr.<br>The cutout for the camera must be created by the manufacturer.<br>Extended audio module assembly with video function.<br>Video camera with automatic day/night switchover and infrared LEDs to illuminate the<br>night shots.<br>Installed heating to keep the lens free of condensation.<br>Vertical/horizontal detection angle: 86°/67°<br>Setting angle horizontal/vertical: +/-15°, mechanically adjustable<br>Consumer units: 4<br>Temperature range (Device): -25 °C to 55 °C | 83501-101-500 | 8300-0-0331 |

## Building automation ABB - Welcome door system accessories













| Description  | Part No                           | Product Hierarchy<br>900004 Order Code |
|--|-----------------------------------|--|
| Flush-mounted installation box - For flush-mounted installation<br>Protection class (Device): IP 44<br>Temperature range (Device): -25 °C to 55 °C   | n of ABB-Welcome outdoor station. |  |
| 681 anthracite - size 1/2  | 83401 U-681-500                   | 8300-0-0248                            |
| 689 light grey - size 1/2  | 83401 U-689-500                   | 8300-0-0244                            |
| 681 anthracite - size 1/3  | 83402 U-681-500                   | 8300-0-0249                            |
| 689 light grey - size 1/3  | 83402 U-689-500                   | 8300-0-0245                            |
| 681 anthracite - size 1/4  | 83403 U-681-500                   | 8300-0-0250                            |
| 689 light grey - size 1/4  | 83403 U-689-500                   | 8300-0-0246                            |
| 681 anthracite - size 2/3  | 83404 U-681-500                   | 8300-0-0251                            |
| 689 light grey - size 2/3  | 83404 U-689-500                   | 8300-0-0247                            |
| Audio Integration Unit<br>Allows the integration of the ABB-Welcome installation in<br>letter boxes and bell systems of different manufacturers,<br>such as in the products of Erwin Renz Metallwarenfabrik<br>GmbH & Co KG, Boschstr. 3, 71737 Kirchberg/Murr.<br>Makes audio communication possible.<br>Built-in relay for operating the door opener.<br>8 inputs for connecting the door opener.<br>4 djustable volume.<br>With interface for the connection of built-in keypad extensions.<br>With interface for the connection of the units and the formation of built-in keypad extensions.<br>With interface for the connection of the units and the formation of built-in keypad extensions. | 83110-500                         | 8300-0-0329                            |
| Extension Unit<br>Allows the integration of the ABB-Welcome installation in<br>letter boxes and bell systems of different manufacturers,<br>such as in the products of Erwin Renz Metallwarenfabrik<br>GmbH & Co KG, Boschstr. 3, 71737 Kirchberg/Murr.<br>With interface for the connection of additional built-in<br>keypad extensions.<br>The built-in audio module can be extended to a maximum<br>of 99 inputs for doorbell push-switches with the aid of the<br>built-in keypad extension.<br>Consumer units: 1<br>Temperature range (Device): -25 °C to 55 °C<br>Dimensions: (L x W x D): 68 mm x 50 mm x 24 mm   | 83111-500                         | 8300-0-0330                            |

### Handset

Spare part for indoor audio station with handset. Temperature range (Device): -5 °C to 45 °C

| 624 studio white matt | 83505-624-500 | 8300-0-0135 |
|-----------------------|---------------|-------------|
| 681 anthracite matt   | 83505-681-500 | 8300-0-0135 |
| 683 aluminium silver  | 83505-683-500 | 8300-0-0137 |

End strip, size 1/x Spare part for the outdoor station. For outdoor stations 135 mm wide.

| 1 | 660 staipless steel                             |
|---|---|
|   | Dimensions: (L x W x D): 19 mm x 135 mm x 15 mm |
|   | Temperature range (Device): -25 °C to 55 °C     |

| 660 stainless steel   | 83531-660-500 | 8300-0-0130 |
|-----------------------|---------------|-------------|
| 664 studio white matt | 83531-664-500 | 8300-0-0131 |

## End strip, size 2/x Spare part for the outdoor station.

For outdoor stations 235 mm wide. Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 19 mm x 235 mm x 15 mm

| 8300-0-0133 |             |
|-------------|-------------|
|             |             |
| 0000 0 0011 |             |
|             | 8300-0-0211 |

## Building automation ABB - Welcome door system accessories

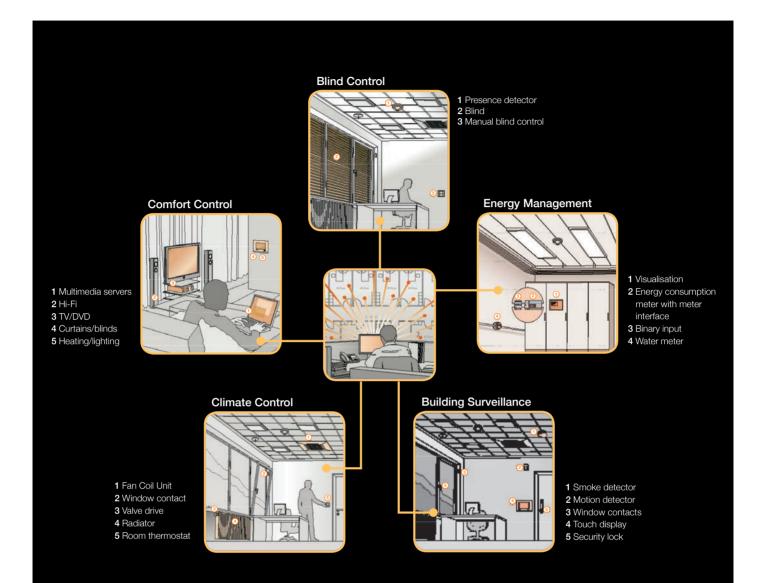
| Description  | Part No   | Product Hierarchy<br>900004 Order Code |
|--|-----------|--|
| Sealing strip  |           |  |
| Spare part for the outdoor station.<br>Temperature range (Device): -25 °C to 55 °C | 83530-500 | 8300-0-0134                            |
| Mounting tool  |           |  |
| Spare part for the outdoor station.  | 83510-500 | 8300-0-0129                            |

## Building automation ABB - Welcome door system complete sets

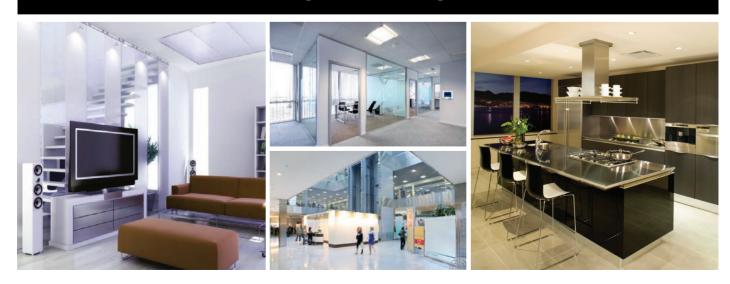
| Description  | Part No     | Product Hierarchy<br>900004 Order Code |
|--|-------------|--|
| Audio compact set for One-family house<br>Indoor station to match the future® linear switch range in studio white, outdoor station:<br>stainless steel<br>Consisting of outdoor audio station, 1 gang 83101/1-660-500.<br>Consisting of outdoor surface-mounted installation box 83401 AP-681-500.<br>Consisting of indoor audio station with display 83200 U-500.<br>Consisting of cover plate 83260-84-500.<br>Consisting of system controller 83300-500.<br>Consisting of 2gang frame 1722-184K.              | 83004/1-500 | 8300-0-0142                            |
| Audio compact set for Two-family house<br>Indoor station to match the future® linear switch range<br>in studio white, outdoor station: stainless steel<br>Consisting of outdoor audio station, 2 gang 83101/2-660-500.<br>Consisting of outdoor surface-mounted installation box 83401 AP-681-500.<br>Consisting of 2 x indoor audio station with display 83200 U-500.<br>Consisting of 2 x cover plates 83260-84-500.<br>Consisting of system controller 83300-500.<br>Consisting of 2 x 2gang frame 1722-184K. | 83004/2-500 | 8300-0-0143                            |
| Video compact set for One-family house<br>ABB-WelcomeTouch in studio white matt, outdoor station: stainless steel<br>Consisting of outdoor video station, 1 gang 83121/1-660-500.<br>Consisting of outdoor surface-mounted installation box 83402 AP-681-500.<br>Consisting of ABB-WelcomeTouch 83220 AP-624-500.<br>Consisting of system controller 83300-500.  | 83022/1-500 | 8300-0-0150                            |
| Video compact set for Two-family house<br>ABB-WelcomeTouch in studio white matt, outdoor station: stainless steel<br>Consisting of outdoor video station, 2 gang 83121/2-660-500.<br>Consisting of outdoor surface-mounted installation box 83402 AP-681-500.<br>Consisting of 2 x ABB-WelcomeTouch 83220 AP-624-500.<br>Consisting of system controller 83300-500.  | 83022/2-500 | 8300-0-0151                            |

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### Building automation ABB i-bus<sup>®</sup> KNX



## Technology of Choice Smart Home and Intelligent Building Control



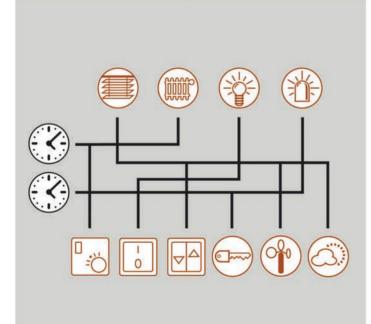
## Building automation ABB i-bus<sup>®</sup> KNX

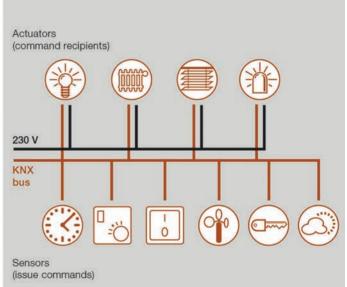
### ABB i-bus® KNX Intelligent Building Control.

Automation in buildings aims to combine individual room functions with one another and to simplify the implementation of individual customer preferences. KNX is the logical development for implementing traditional and new requirements in electrical building installations and thus replacing conventional installation techniques. The intelligent installation bus system efficiently performs the conventional functions and offers an additional broad range of expanded features, which could not be realized without a bus system. ABB offers consultants, system integrators and electrical installers a comprehensive product range with ABB i-bus® KNX, in order to meet the challenges posed to electrical building installations both today and in the future.

The KNX system is the leading intelligent control system for buildings world-wide. KNX resulted from the merger of major bus systems, including the well-known EIB (European Installation Bus) that has been successfully on the market since 1992. What does KNX stand for? KNX is the first globally standardized system for the automation of residential and commercial buildings in accordance with the international standard (ISO/IEC 14543-3), the European standard (CENELEC EN 50090, CEN EN 13321-1 and

13321-2), the Chinese standard (GB/Z 20965) and the US standard (ANSI/ASHRAE 135).– KNX has established a clearly defined system platform where the KNX products of different manufacturers can be operated with one another. Both the data protocol and the devices are certified compliant to the KNX standard. KNX thus guarantees the net-workability, interoperability, is both upward and downward compatible and thus future-proof. Just one common software tool is required for planning, engineering and commissioning of all KNX installations. Both the manufacturers and the KNX Association support professionals during planning, commissioning and maintenance world-wide. Comprehensive training opportunities are available for beginners and experienced users in certified training centres. More than 2200 internationally certified manufacturers are members of the KNX association. More than 22,000 qualified KNX partners plan, install and integrate KNX systems worldwide. Thousands of buildings, ranging from private houses to airport complexes around the world, are equipped with more than 10 million KNX products.





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