CBD6S Residential
Data Sheet



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The Control Box CBD6S Residential is used in residential applications with up to four actuators (Baselift™ for mattress zone adjustment, or KA30 for bed adjustment). The CBD6S Residential has a slim design and intuitive white plugs that are easy to recognise under the bed. It has plugs for connection of actuators and accessories in each end, and it is equipped with cable grooves at the bottom making it easy to lead and hide motor cables from one side of the bed to the other.

The CBD6S Residential is a universal control box meaning that it works worldwide, just add the required mains cable. The control box ensures smooth drive of the comfort zones of the bed as well as soft start and stop of the connected actuators.

From an environmental point of view, the CBD6S is a good choice as it has extremely low power consumption in standby mode, only 0.1 W, and the control box is PVC-Free™, which is state-of-the-art.

Features/Compatibility/Usage

Features

CBD6S 200 W

- Connection of 1 or 2 actuators
- Mains voltage 230 V AC, 50 Hz, or 120 V AC, 60 Hz
- Ultra-compact; length only 210 mm
- Lightweight control box; weight only approx. 400 g

CBD6S 300 W

- Connection of 1, 2, 3 or 4 actuators
- Mains voltage 100-240 V AC, 50-60 Hz (universal)
- Ultra-compact; length only 265 mm
- Lightweight control box; weight only approx. 500 g

Common

- Ultra-low; height only 38 mm
- Compact high-power SMPS (Switch Mode Power Supply)
- Colour: black
- Protection against overload (EOP) by individual current limitation
- Designed with a soft start/stop function
- Possible combinations:

CBD6S version	No. of channels	Single *	2 parallel	3 parallel	4 parallel
200 W	2	X	X		
300 W	2-4	X	X	X	X

* *Single means that you plug in only one actuator in channel 1.*

- Cable grooves at the bottom to optimise cable management
- White plugs for easy recognition when mounting/dismounting
- PVC-Free™
- Low standby power consumption – only 0.1 W
- Can charge the battery box BA001
- Exchangeable standard mains cable
- Software for multi-parallel setup

All CBD6S used in a multi-parallel system must have the same software version.

Compatibility

- Baselift™
- KA30
- Battery Box BA001
- Bluetooth® Adapter BLE2LIN002 for connecting the Bed Control™ app or Residential wireless hand controls

Accessories

- LEDLIGHTRAIL002 (for Under Bed Light)

Usage

- Duty cycle: 10% ≈ max. 2 minutes continuous use at full load, followed by 18 minutes pause

  Always observe the duty cycle stated on the actuator product label as this may be lower.

- For indoor use in dry locations

Parameter	Operation	Storage and transportation
Temperature	5 to 40 °C	-10 to +50 °C
Relative humidity	20% to 80% - non-condensing	20% to 80% - non-condensing
Atmospheric pressure	800 to 1060 hPa	700 to 1060 hPa
Altitude	Max. 2000 m	N/A

- Complies with EN 60335-1

Ordering

The CBD6S Residential is only available as a special article.

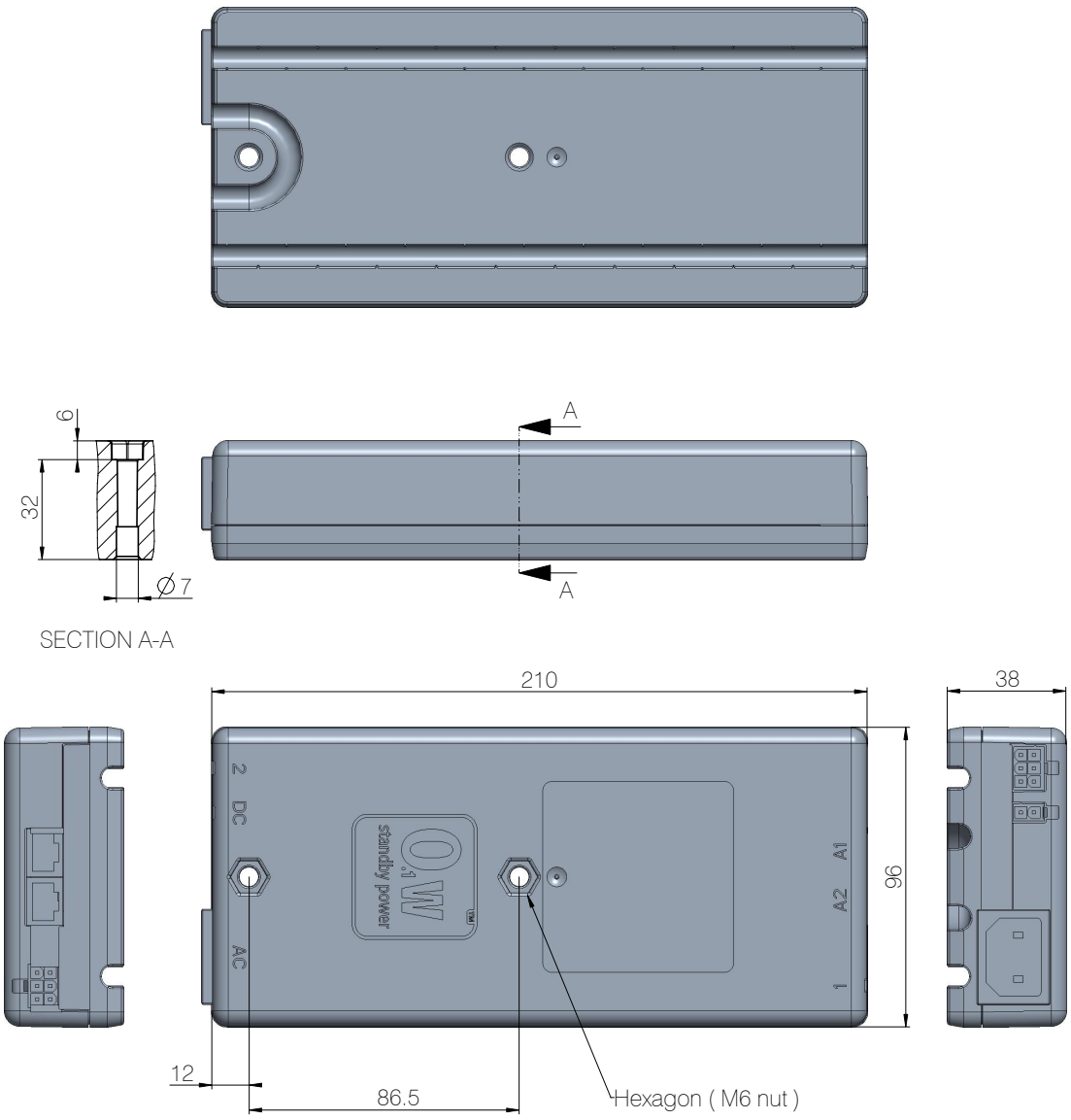
All cables for creating a fully connected Residential system must be ordered separately.
We offer a range of different versions and lengths. To get information such as ordering number, and colour and length of the cables, please contact your local LINAK.

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Dimension drawings

All dimensions are in mm.

CBD6S 200 W

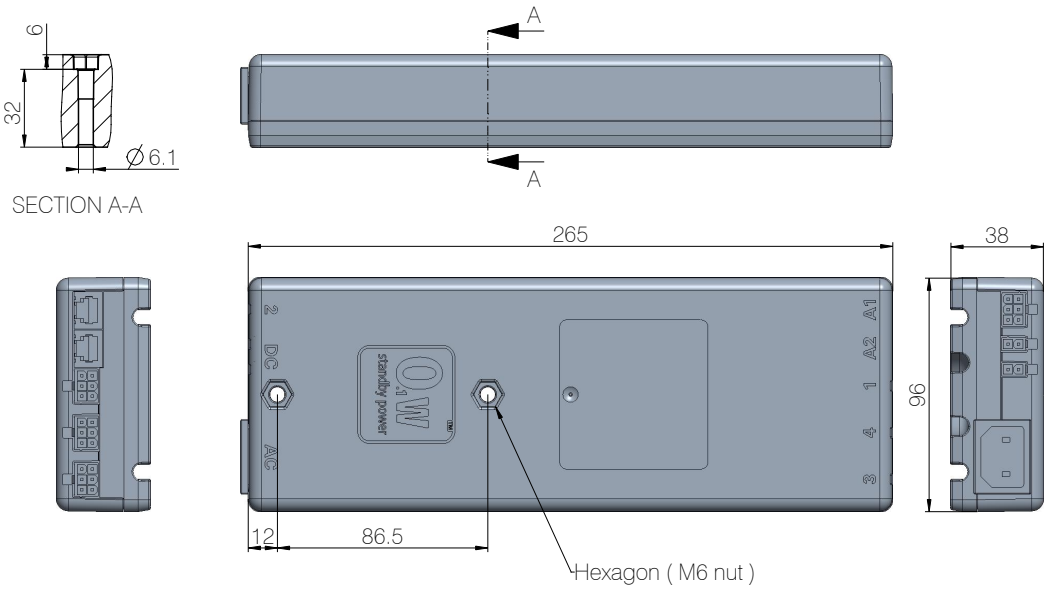


Drawing no. 0759006

A1/A2	Control ports for connection of LEDLIGHTRAIL002 and/or BLE2LIN002
AC/DC	Connection to power supply
1 and 2	Sockets for 1 or 2 actuators/accessories

Figure 1 CBD6S (200 W) dimensions and mounting holes

CBD6S 300 W



A1/A2	Control ports for connection of LEDLIGHTRAIL002 and/or BLE2LIN002
AC/DC	Connection to power supply
1 to 4	Sockets for one to four actuators/accessories

Figure 2 CBD6S (300 W) dimensions and mounting holes

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