b *Programming of the intermediate position - from the UP limit*

| Move the blind at its UP limit with the ▲ button of the Centralis DC IB. | Press the ■ and ▼ buttons **simultaneously** until the blind begins to move DOWN. | Stop the blind at the intermediate position you wish (it can be the DOWN limit). If necessary, adjust this position with the ▼ or ▲ buttons. | Press the ■ button for more than 5 sec. ⇨ *The blind moves briefly (UP/DOWN), the intermediate position is recorded.* |

c *Using the tilting operation and/or the intermediate position*

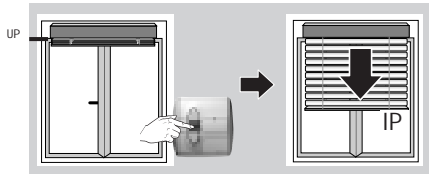If tilting only has been programmed:
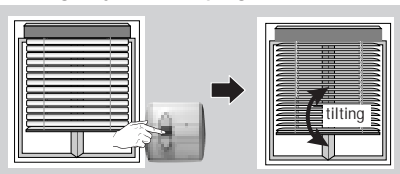
- When the blind is closed to any position (after a DOWN movement), press briefly on the ■ button.
  ⇨ *The blind will tilt to the pre-set angle.*
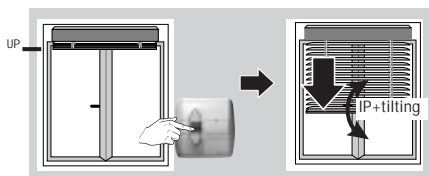 *Note: after an UP movement, the blind will not tilt.*

If the intermediate position only has been programmed:

- When the blind is at its UP limit, press briefly on the ■ button.
  ⇨ *The blind will move and stop at the intermediate position.*

If both intermediate position and tilting have been programmed:

- When the blind is at its UP limit, press briefly on the ■ button.
  ⇨ *The blind will move, stop at the intermediate position and tilt to the pre-set angle.*

d *Delete the intermediate position/automatic tilting*

If you record a new IP or a new tilting function, this will automatically erase the previous one.
If you want to erase without recording a new one, Press briefly on the ■ button to reach the IP or to get the tilting (or both), then:

- to erase the tilting, press the ■ and ▲ buttons **simultaneously** for more than 5 seconds.
- to erase the intermediate position, press the ■ and ▼ buttons **simultaneously** for more than 5 seconds.
To erase both, just press the ■ button for more than 5 seconds.
  ⇨ *The blind will move briefly (UP/DOWN) indicating that Centralis DC IB has deleted the intermediate position and/or the tilting.*

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5 Trouble shooting guide

Nothing works:
⇨ **Check the wiring of the Centralis DC IB.**
⇨ **Check the motor.**
⇨ **Check the power supply.**

Phantom slat tilting:
⇨ **Be sure to adjust the slat tilting when the blind is approximately ¾ down of the window.**

Phantom intermediate position:
⇨ **The programmed IP can only be reached at UP or DOWN limits not when the blind is in another position.**

INSTALLATION *guide*

inteo **CENTRALIS DC IB**

CENTRALIS DC IB is an individual and/or group control for Concept 25 motors with a link to general control. It can be used with all lift/tilt and lift only blind applications.

CENTRALIS DC IB is compatible with the SOMFY "IB" Bus, allowing to be controlled by "IB" systems : **CENTRALIS IB, CHRONIS IB, CHRONIS IB LIGHT** …
- An automatic slat tilting function and an intermediate position can be programmed for the lift/tilt applications.
- Two automatic intermediate positions can be programmed for lift only applications

1 Characteristics

- ■ Main supply : **24 VDC SELV** (mini. 20 VDC / maxi. 40 VDC)
- ■ Rated current : **2 A**
- ■ Output duration : active for **180s.**
- ■ No protection index
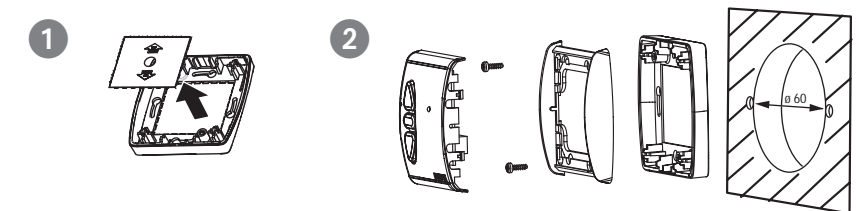- ■ For internal use only

CE

30 mm
80 mm
80 mm
10 mm
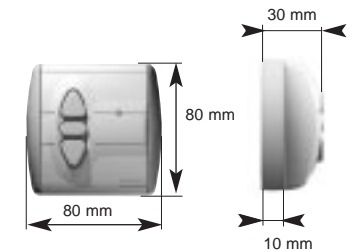
2 Installation

WARNINGS : CENTRALIS DC IB can control up to three Concept 25 motors. To supply the **CENTRALIS** DC IB use only SOMFY approved power supplies. Be carefull that 24 V power supply connection in the motor input destroys the product.

2.1 Assembly

Recessed mounting

1   **2**   ø 60

Surface mounting (with cable trunking)

❶

❷

or

10mm   20mm

2.2 Wiring

GREY
1
24 VDC

GREY
2
24 VDC

Power supply 24 VDC

DC motor 24V   DC motor 24V   DC motor 24V

CENTRALIS DC IB

MOT

24VDC

IB Bus

IB BUS line
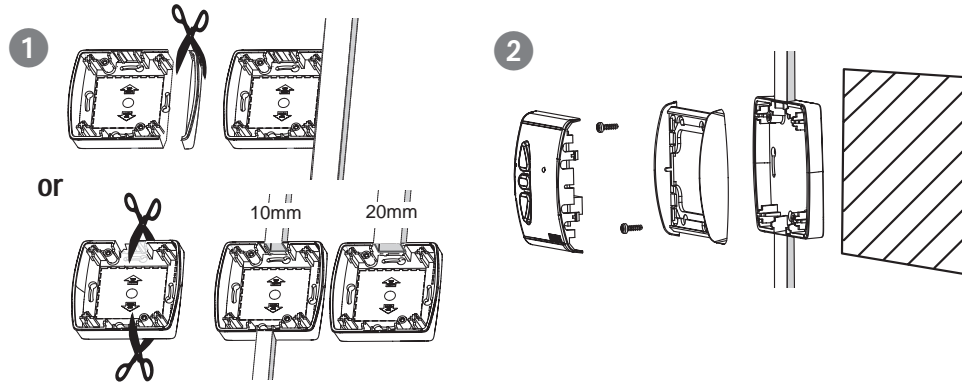
DOWN : ▽
UP : △
Common : C

❶ Connect the power supply on 24 VDC input of the Centralis DC IB.

❷ Connect the motor(s) cables onto the Centralis DC IB.
To get the blind going down in accordance with down button of the Centralis DC IB :
Connect the motor's grey wire into the terminal 1 ⇨ the motor runs in a clock wise rotation.
Connect the motor's grey wire into the terminal 2 ⇨ the motor runs in an anti clock wise rotation.

3 Operating of lift only applications
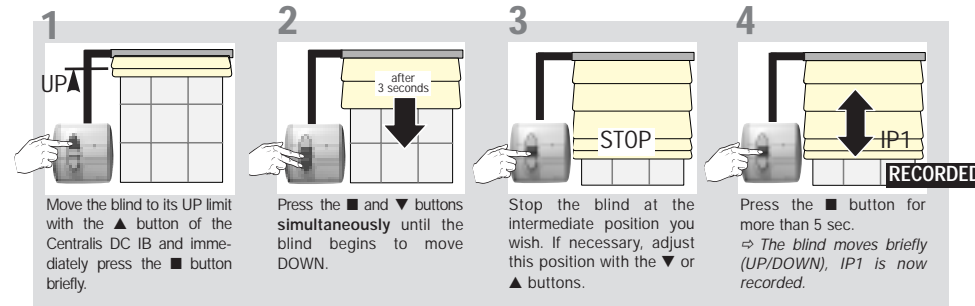## (for lift/tilt operating, please refer to section 4)

3.1 UP/DOWN/STOP commands

Local control
▪ To raise or lower the blind, press briefly the ▼ and ▲ buttons of the **CENTRALIS DC IB**.
▪ To stop the blind, press briefly the ■ button of the **CENTRALIS DC IB**.

General control
▪ To raise or lower the blind, press the ▼ and ▲ buttons of the **IB CONTROL SYSTEM**.
▪ To stop the blind, press the ■ button of the **IB CONTROL SYSTEM**.

UP key
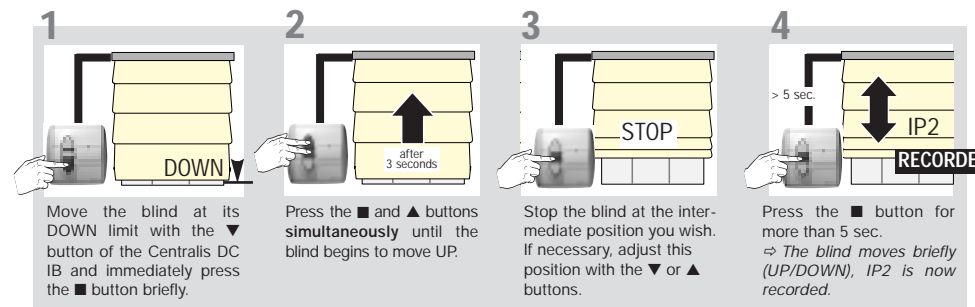STOP/IP key
DOWN key

3.2 Intermediate positions

With the Centralis DC IB, it is possible to set one or two intermediate positions: one accessible at the top, when the blind is fully retracted *(IP1)* and one from the bottom *(IP2)*. To record these positions, the Centralis DC IB has to record the time for the blind to go from one end limit to the desired IP.

a *Programming the 1st intermediate position (IP1) - from the UP limit*

1   UP

2   after 3 seconds

3   STOP

4   IP1   RECORDED

Move the blind to its UP limit with the ▲ button of the Centralis DC IB and immediately press the ■ button briefly.

Press the ■ and ▼ buttons **simultaneously** until the blind begins to move DOWN.

Stop the blind at the intermediate position you wish. If necessary, adjust this position with the ▼ or ▲ buttons.

Press the ■ button for more than 5 sec.
⇨ *The blind moves briefly (UP/DOWN), IP1 is now recorded.*

b *Programming the 2nd intermediate position (IP2) - from the DOWN limit*

1   DOWN

2   after 3 seconds

3   STOP

4   > 5 sec.   IP2   RECORDED

Move the blind at its DOWN limit with the ▼ button of the Centralis DC IB and immediately press the ■ button briefly.

Press the ■ and ▲ buttons **simultaneously** until the blind begins to move UP.

Stop the blind at the intermediate position you wish. If necessary, adjust this position with the ▼ or ▲ buttons.

Press the ■ button for more than 5 sec.
⇨ *The blind moves briefly (UP/DOWN), IP2 is now recorded.*

c *Using the intermediate positions*

▪ When the blind is at its UP limit:
Press briefly on the ■ button.
⇨ *The blind will move and stop at the 1st intermediate position (IP1).*

▪ When the blind is at its DOWN limit:
Press briefly on the ■ button.
⇨ *The blind will move and stop at the 2nd intermediate position (IP2).*

d *Delete an intermediate position*

If you record a new IP, this will automatically erase the previous one.

If you want to erase without recording a new one, press briefly on the ■ button to reach the IP you want to erase. Then:

▪ to erase IP1, press the ■ and ▼ buttons **simultaneously** for more than 5 seconds.
▪ to erase IP2, press the ■ and ▲ buttons **simultaneously** for more than 5 seconds.

To erase both, just press the ■ button for more than 5 seconds.
⇨ *The blind moves briefly (UP/DOWN) indicating that the concerned intermediate position has been erased.*

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4 Operating of lift/tilt applications
(for lift operating, please refer to section 3)
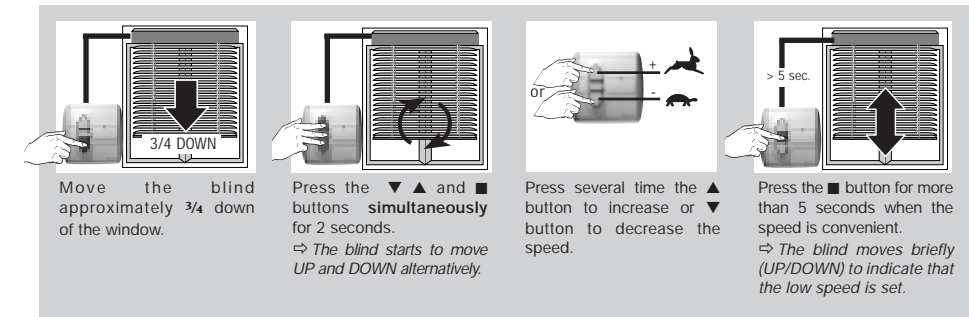
4.1 UP/DOWN/STOP/TILT commands

Local control
▪ To raise or lower the blind, press briefly the ▼ and ▲ buttons of the **CENTRALIS DC IB**.
▪ To stop the blind, press briefly the ■ button of the **CENTRALIS DC IB**.
▪ To tilt the slats, press and hold the ▼ or ▲ buttons of an CENTRALIS DC IB control. If you hold the control buttons for more than 6 seconds, the blind will start to move continuously up to its end limits.

General control
▪ To raise or lower the blind, press the ▼ and ▲ buttons of the **IB CONTROL SYSTEM**.
▪ To stop the blind, press the ■ button of the **IB CONTROL SYSTEM**.

4.2 TILTING speed adjustment

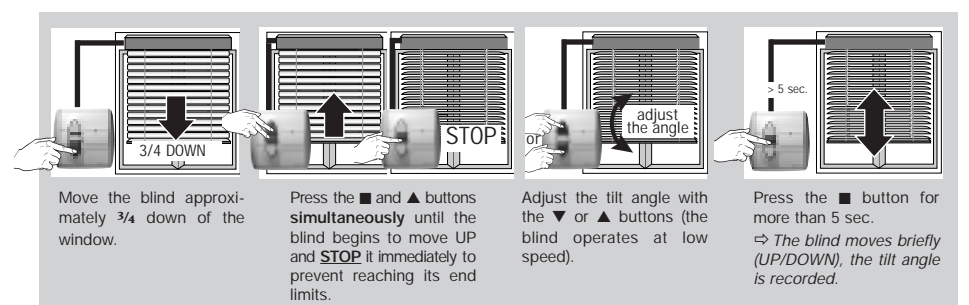The speed of the motor can be reduced in order to make the adjustment of the slats easier during the tilting operation.

3/4 DOWN   or   > 5 sec.

Move the blind approximately ¾ down of the window.

Press the ▼ ▲ and ■ buttons **simultaneously** for 2 seconds.
⇨ *The blind starts to move UP and DOWN alternatively.*

Press several time the ▲ button to increase or ▼ button to decrease the speed.

Press the ■ button for more than 5 seconds when the speed is convenient.
⇨ *The blind moves briefly (UP/DOWN) to indicate that the low speed is set.*

4.3 Automatic slat tilting / Intermediate position

With the Centralis DC IB, it is possible to program an automatic tilting of the slats and an intermediate position (IP). You can choose to program either the slat tilting or the IP or both.

a *Programming of the slat tilting* (Set tilting speed before programming the automatic tilting § 5.2)

3/4 DOWN   STOP   or   adjust the angle   > 5 sec.

Move the blind approximately ¾ down of the window.

Press the ■ and ▲ buttons **simultaneously** until the blind begins to move UP and **STOP** it immediately to prevent reaching its end limits.

Adjust the tilt angle with the ▼ or ▲ buttons (the blind operates at low speed).

Press the ■ button for more than 5 sec.
⇨ *The blind moves briefly (UP/DOWN), the tilt angle is recorded.*