

3. Operation

3.1. Central operation

The central input of the **IMMSG-UC-2H** allows, for example, an automatic control unit, a timeswitch or a normal, unlocked double button (Up/Down) to be connected. The central command (continuous voltage) always has priority over a movement command from the extension inputs.

LED signals during central control (continuous voltage):

During movement:	Channel LEDs in the direction of movement flash every 2 seconds
Runtime reached:	Channel LEDs in the direction of movement continue to flash every 2 seconds

If there are "Up" and "Down" movement commands at the central input at the same time, the drive moves up (secure position).

Set operating mode

The central control unit can be set to the operating modes "Latch" (default) or "Deadman". You can switch between the operating modes using the following buttons integrated on the device:

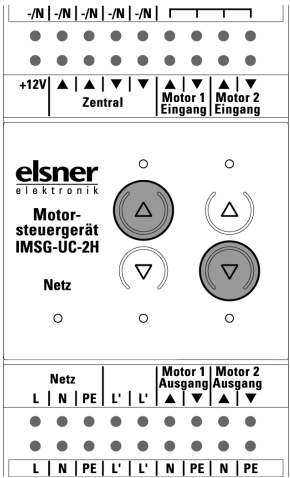


Fig. 4
Press the ▲ button of channel 1 and the ▼ button of channel 2 for 5 seconds at the same time

If the **Latch mode** is active, the **Network LED is on**.
If the **Deadman mode** is active, the **Network LED flashes** every second.
Change the operating mode by pressing ▲ (channel 1) and ▼ (channel 2) again.

3.2. Individual operation

Manual individual operation of the drives can take place via the integrated Up/Down buttons at the device or via unlocked double buttons (extension inputs). The movement mode can be stopped via both buttons (▲ or ▼), regardless of the current direction of movement.

LED signals during manual control:

During movement:	Channel LED in the direction of movement flashes every second
Runtime reached without interruption:	LED for the direction travelled remains on
Intermediate position reached:	LEDs off

Manual operation can be set to "Standard mode" or "Comfort mode":

3.2.1. Standard mode (default)

- If a button is pressed for less than 1 second, the drive will move in a step-by-step fashion. This allows, for example, slats to be positioned precisely.
- If a button is held for longer than 1 second, the drive moves to its final position (switching off after 240 seconds of maximum runtime)

This is how you set the Standard mode:

- Press the ▲ button on the channel to be set for 5 seconds and then additionally the ▼ button for longer than 1 second
- To confirm the On LED on the channel flashes 5 times

3.2.2. Comfort mode

- If a button is held for less than 0.3 seconds, the drive moves to its final position (switching off after 240 seconds of maximum runtime)
- If a button is held for longer than 0.3 seconds, but less than 2 seconds, the drive moves only while the button is pressed and stops immediately when it is released (deadman function)
- If a button is held for longer than 2 seconds, the drive moves to its final position (switching off after 240 seconds of maximum runtime)

This is how you set the Comfort mode:

- Press the ▼ button on the channel to be set for 5 seconds and then additionally the ▲ button for longer than 1 second
- To confirm the Off LED on the channel flashes 5 times

3.3. Individual movement position

The **IMMSG-UC-2H** can store one movement position for each connected drive. This allows fast and uncomplicated movement to a position that is needed often (e.g. a shutter position or the partial opening of a window).

3.3.1. Storing a movement position

Storing a position is carried out as follows:

- Move the drive to the starting/zero position, i.e. close the window, retract the awning or raise the blinds

- Press the ▲ and ▼ buttons for three seconds at the same time
- As feedback the drive moves briefly up and down. You are in now Programming mode
- Move to the desired position
- Store the position by pressing the ▲ and ▼ buttons for 1 second long at the same time
- As feedback the drive moves briefly up and down
- With blind slats, now open the slats to the desired angle. With awnings, tighten the canvas with ▲. For windows, you can skip this point.
- Store by again pressing the ▲ and ▼ buttons for 1 second long at the same time
- As feedback the drive moves briefly up and down. The storage is complete and the **IMMSG-UC-2H** is again in normal mode

Note: As soon as a central command arrives (e.g. because of a wind or rain alarm), the Programming mode will be interrupted! In this case, please carry out the position storage again when the central command is no longer present.

3.3.2. Calling up a movement position

The stored position can be called up by pressing the ▼ button of the appropriate channel for 3-6 seconds.

The drive will move to the movement position directly if it is in a secure position and the runtimes of previous commands have expired. If the drive is in an intermediate position, it will move initially to the secure position and then to the stored position after expiry of the runtime.

4. Disposal

After use, the device must be disposed of or recycled in accordance with the legal regulations. Do not dispose of it with the household waste!