

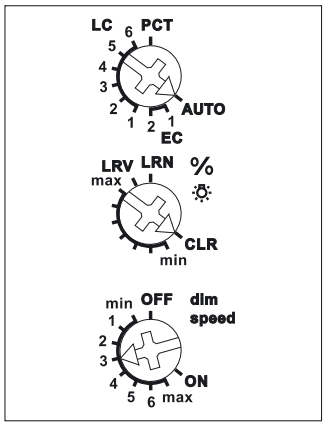
FUD71-230V

Universal dimmer switch, power MOSFET up to 400 W. Automatic lamp detection. With adjustable minimum brightness and dimming speed. With switching operation for light alarm clocks, children's rooms and snooze function as well as constant light regulation and master-slave mode. Also with light scene control by PC or wireless pushbuttons. Encrypted wireless, bidirectional wireless and repeater function are switchable. Only 0.7 watt standby loss.

Mounting in the 230 V power supply cord, e.g. in false ceilings and lamps.
166 mm long, 46 mm wide and 31 mm high. With cable fixation.
Universal dimmer switch for lamps up to 400 W, depending on ventilation conditions. Dimmable 230 V LED lamps and dimmable energy saving lamps ESL, additionally depending on the lamps electronics and the dimming technology, **see Technical data page T-3.**
Zero passage switching with soft ON and soft OFF to protect lamps.
The brightness level is stored on switch-off (memory).
In case of a power failure the switch position and the brightness stage are stored and may be switched on when the power supply is restored.
Automatic electronic overload protection and overtemperature switch-off.
Encrypted sensors can be taught in.
You can switch on **bidirectional wireless** and/or a **repeater** function.
Every change in state and incoming central command telegrams are confirmed by a wireless telegram. This wireless telegram can be taught-in in other actuators and controllers. The current dimming value is also displayed in % in the controller.
The upper rotary switch determines the operation, whether automatic lamp detection or special comfort positions should work:
AUTO allows the dimming of all lamp types.
LC1 is a comfort position for dimmable 230 V LED lamps, which by design won't be dimmed down enough in the AUTO position (trailing phase angle) and therefore has to be forced to leading phase angle.
LC2 and **LC3** are comfort positions for dimmable 230 V LED lamps like LC1 but with different dimming curves.
EC1 is a comfort position for energy saving lamps, which which by design must be turned on with an increased voltage so that they switch on again in cold state when dimmed down.
EC2 is a comfort position for energy saving lamps, which by design won't switch on again when dimmed down. Therefore Memory is switched off in this position.
In positions LC1, LC2, LC3, EC1 and EC2 inductive (wound) transformers may not be used. In addition, the maximum number of dimmable LED lamps may be lower by design than in the AUTO position.
LC4, LC5 and **LC6** are comfort positions for LED lamps like AUTO but with different dimming curves.
PCT is a position for special functions which were set up using the PCT14 PC Tool. The PCT14 link is hooked up using the data transformer DAT71.
The minimum brightness (fully dimmed down) is adjustable **with the middle % rotary switch.**
The dimming speed is adjustable **using the lower dimming speed rotary switch.**
The pushbuttons can be either taught-in as direction pushbuttons or universal pushbuttons: As direction pushbutton 'switch on and dim up' is on one side and 'switch off and dim down' on the other side. A double-click on the switch on side triggers the automatic dimming up to full brightness with dim speed time. A double-click on the switch off side triggers the snooze function. The children's room function is triggered on the switch on side. **As a universal pushbutton** the direction change is made by briefly releasing the pushbutton.
For light scene control, constant light regulation, master-slave mode, light alarm clocks, children's rooms and snooze function see operating instructions.
A resettable staircase time switch function with RV = 2 minutes can be called by a pushbutton taught-in as a staircase pushbutton. Brightness level settings can be called during teach-in with single light scene pushbuttons. A twilight pushbutton can be implemented using a taught-in FAH. Switch-on can be performed dependent on motion and brightness with up to 4 FBH devices.
The LED accompanies the teach-in process and indicates control commands in operation by flashing briefly.

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Function rotary switches



Standard setting ex works.

Further settings can be made and actuators configured using the PC Tool PCT14 and the data transformer DAT71.

Manuals and documents in further languages:
https://eltako.com/redirect/FUD71-230V

FUD71-230V	Wireless actuator Universal dimmer switch	**Art. No. 30100845**	**113,07 € / pc.**

Technical data page T-3.

Recommended retail prices excluding VAT.