

FUD70S-230V



Universal dimmer switch, Power MOSFET 400W. Automatic lamp detection. Only 0.6 watt standby loss. With adjustable minimum or maximum brightness and dimming speed. With switching operation for light alarm clocks, children's rooms and snooze function. Also with light scene control by PC or wireless pushbuttons. Bidirectional wireless and with repeater function. Only 0.6 watt standby loss.

Mounting in the 230V power supply cord, e.g. in false ceilings.
100mm long, 50mm wide and 31mm high.

Starting in production week 14/2015 with **bidirectional wireless**; in addition, a **repeater** function can be switched in. 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 in the GFVS software.

Universal dimmer switch for lamps up to 400W, depending on ventilation conditions. Dimmable energy saving lamps ESL and dimmable 230V LED lamps, additionally depending on the lamps electronics.

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.

The left rotary switch determines the operation, whether automatic lamp detection or special comfort positions should work:

AUTO allows the dimming of all lamp types.

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.

LC1 is a comfort position for 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 LED lamps like LC1 but with different dimming curves. In positions EC1, EC2, LC1, LC2 and LC3 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.

The minimum brightness (fully dimmed down) or maximum brightness (fully dimmed up) is adjustable **with the middle % rotary switch** on the side. In the setting LRN up to 30 pushbuttons can be assigned, of which one or more central pushbuttons.

The dimming speed is adjustable using the **right dimming speed rotary switch** on the side. At the same time, the soft ON and soft OFF periods are changed.

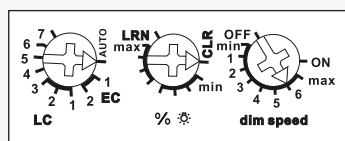
The wireless pushbuttons can be taught-in either as direction pushbuttons or universal pushbuttons: When installed as a **direction pushbutton**, one side is then 'switch on and dim up' and the other side is 'switch off and dim down'. A double-click on the switch-on side activates automatic dim-up to full brightness at dim speed. A double click on the switch-off side activates the snooze function. The children's room function is implemented on the switch-on side.

As a universal pushbutton, change the direction by briefly releasing the pushbutton.

Light scene control, light wake-up switching, switching operation for children's rooms and snooze function according to the operating instruction.

The LED on the side below the left rotary switch accompanies the teach-in process as described in the operation manual. It indicates control commands by short flickering during operation.

Function rotary switches on the side



Standard setting ex works.

Technical data page T-3.