

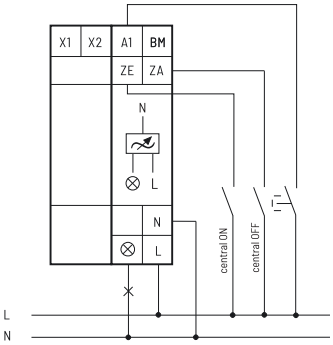
X1	X2	A1	BM
		ZE	ZA
			N
		⊗	L

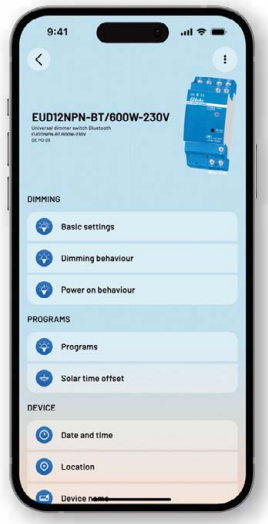
EUD12NPN-BT/600W-230V

Universal dimmer switch with integrated timer, Bluetooth and ELTAKO Connect-App. Power MOSFET up to 600 W. Automatic lamp detection. Standby loss 0,3 watt only. Minimum brightness, maximum brightness, dimming speed, switching operation for children's rooms, snooze function, motion detector, ON, OFF, TI, ER, ESV, TLZ, MIN, MMX, Programs with time or astro function, time offset solstice, date and time, location and Bluetooth can be set via the app according to the operating instructions.

Modular device for DIN EN 60715 TH35 rail mounting. 2 modules = 36 mm wide, 58 mm deep.
Universal dimmer switch for lamps up to 600 W, depending on ventilation conditions. Dimmable 230 V LED lamps are also dependent on the lamp electronics and the and the dimming technology, **see Technical data page 9-22.**
Up to 3400 W with capacity enhancers LUD12 at the terminals X1 and X2.
Zero passage switching with soft start and soft OFF to protect lamps.
Control, supply and switching voltage 230 V.
The integrated timer has up to 10 program memory locations. With date and automatic summer time/winter time changeover. Power reserve without battery approx. 5 days. Each memory location can be used either with the Astro function (automatic switching after sunrise or sunset), or one of the 9 functions (On, Off, On with dimming value in %, On with memory value, light alarm clock, snooze switch, On with residual brightness, Off with residual brightness, TI). In case of a power failure the switching position and the brightness level are stored and is switched on if necessary when the supply voltage returns.
Automatic electronic overload protection and over-temperature switch-off.
When **delivered**, the **'Auto'** operating mode is active. Short control commands at the local control input switch on/off, permanent control changes the brightness up to the maximum value. An interruption in the control changes the dimming direction. The central control is active, with priority and the motion detector switches on with the memory value. In order to change or configure the operating mode, the connection must be established with the ELTAKO Connect-App.
Connect the dimmer switch to the app:
Press the button on the front for 6 seconds, the blue LED flashes. The connection can now be established with the app (delivery status **PIN123123**). The flashing of the blue LED signals that the pairing is ready. This ends automatically after 3 minutes, but can also be ended manually by pressing a button for >6 seconds. The QR code in the user manual leads to the download of the app with which the device can be configured. After the connection to the app has been established, the blue LED lights up permanently. If the connection is not disconnected via the app, it will automatically disconnect after 20 minutes of no interaction with the app. After disconnecting the connection via the app, the dimmer switch signals its readiness for pairing again and the blue LED flashes.
Change PIN: The PIN for the Bluetooth connection can be changed in the app under the Device PIN entry. Bluetooth reset (delete any changed PIN): Briefly tap the button on the front 8 times.
The setting AUTO allows dimming of all lamp types.
Leading edge LC1-LC3 are comfort positions with different dimming curves for dimmable 230 V LED lamps, which cannot be dimmed far enough on auto due to their design and therefore have to be forced to leading edge.
Trailing edge LC4-LC6 are comfort positions with different dimming curves for dimmable 230 V LED lamps, which cannot be dimmed far enough on Auto.
No inductive (wound) transformers may be used in the leading edge and trailing edge settings. In addition, due to the design, the maximum number of lamps may be lower than in automatic mode.
By briefly pressing the button on the front, you can always switch it on and off manually.
The control input A1 is used to control pulses using a universal button. A direction button for 'off' can be connected via the diode RTD (any polarity). Another direction button for 'on' is connected directly to A1. With the first control pulse 'off', the dimmer switch switches control input A1 to 'direction button'. In order to switch control input A1 back to 'universal button', the supply voltage must be briefly switched off or switched in the app under basic settings.
In order to switch control input A1 back to 'universal button', the supply voltage must be briefly switched off or switched in the app under basic settings. A motion detector can be connected via the BM control input. The additional control inputs ZE and ZA are used to control centrally on and off with priority.
With priority because these control inputs cannot be overridden by other control inputs **as long as** the central control contact is closed. The green LED lighting up signals the activation of one of the four control inputs.

Typical connection





ELTAKO Connect-App
https://eltako.com/redirect/eltako-connect

Manuals and documents in further languages:
https://eltako.com/redirect/EUD12NPN-BT*600W-230V

Technical data page 9-22.
Housing for operating instructions GBA14 page 1-48 chapter 1.

EUD12NPN-BT/600W-230V	Universal dimmer switch with Bluetooth, Power MOSFET up to 600 W	**Art. No. 21100809**	**117,59 €/pc.**

Recommended retail prices excluding VAT.