

THE HOME OF INNOVATION.

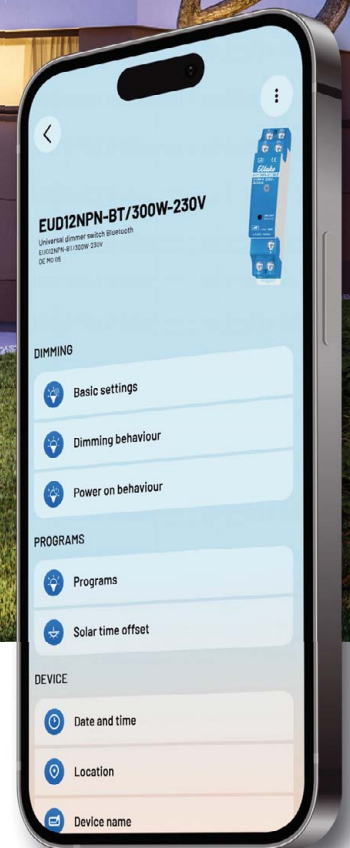
*Eltako*

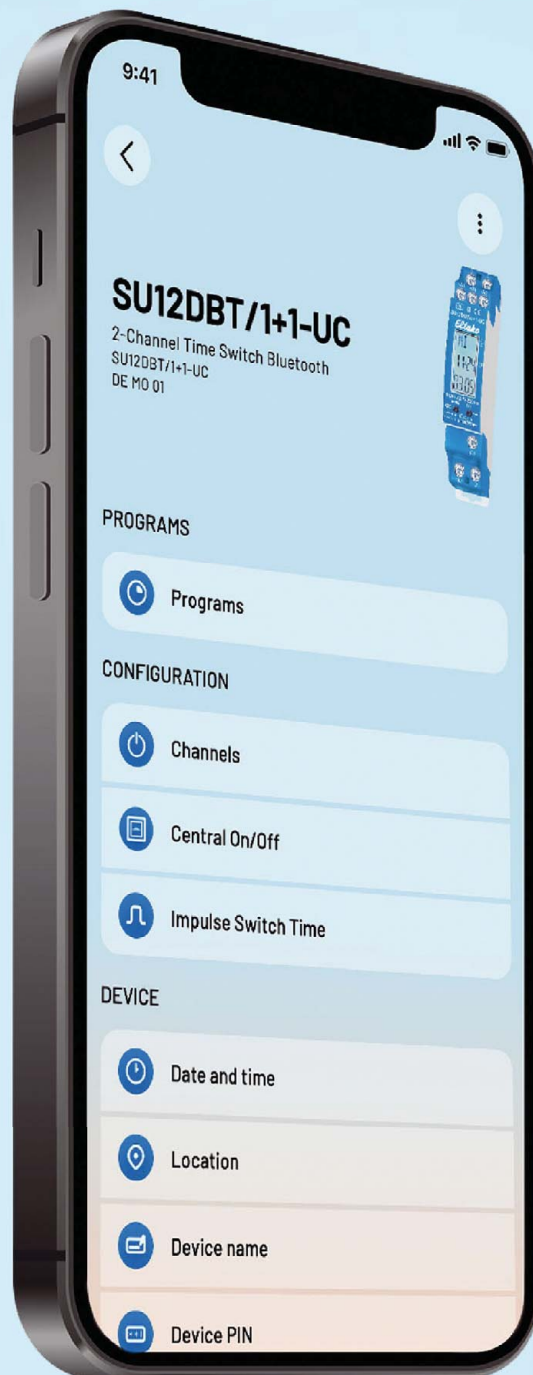
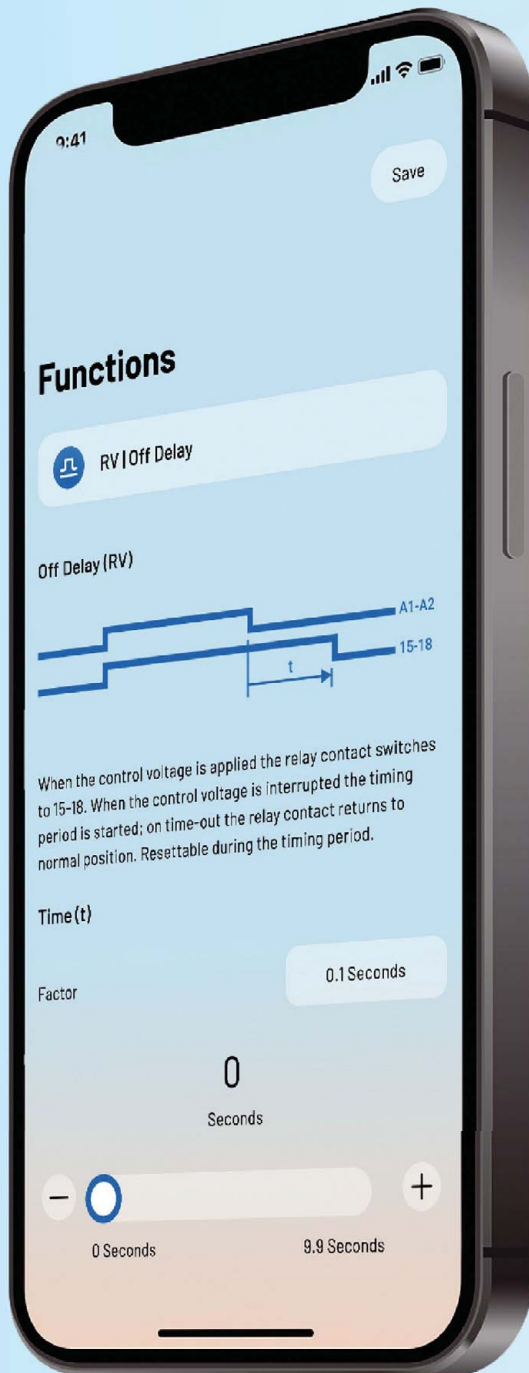
# MORE COMFORT

## WITH THE ELTAKO CONNECT-APP

Dimmers and switching devices with Bluetooth for **convenient setup and commissioning** via the ELTAKO Connect app. The **free app** enables quick and intuitive **configuration of ELTAKO Bluetooth devices**.

Thanks to **clear function descriptions** and a user-friendly interface, **switching times and settings** are clearly visible at any time and can be **easily adjusted**. This makes commissioning more efficient and flexible.





## Our ELTAKO Connect-App

We have developed a digital screwdriver for installers and private customers so that everyone can configure our products with ease! Through regular updates and the expansion of the compatibility list, the ELTAKO Connect app adapts to technological changes and advances and is therefore future-proof.

- Pair products?
- Save and adapt automations?
- Calendar view for a better overview?
- Change commands spontaneously for certain days?
- View and initiate updates to WIFI devices?
- Add WIFI devices to the network quickly and easily using a QR code?
- Save configurations and transfer them to other devices in just a few steps?

Our ELTAKO Connect app offers all this and much more! The simplest and most versatile screwdriver in the world, designed for every hand! Download now from the store.



ELTAKO Connect-App

<https://eltako.com/redirect/eltako-connect>

## ELTAKO CONNECT-APP

The **ELTAKO Connect-App** enables the uncomplicated configuration and management of our Bluetooth devices, as well as a constantly growing number of other products. For example, our Wi-Fi actuators.

Thanks to the intuitive user interface, programs, channels and device settings can be adjusted quickly and easily.

If you still have questions, helpful YouTube videos provide support with setup and operation. The calendar overview shows all active switching commands by day of the week and time of day, which allows direct intervention in automation.

The following Bluetooth devices are available for the app:

### 1. DIN-rail time switches

- **SU12DBT/1+1-UC**
- **S2U12DBT-UC**

These two time switches offer 60 program slots and various modes that can be used, for example, to simulate presence.

### 2. Outdoor socket timer

- **ASSU-BT/230V**

This new timer allows you to automate fairy lights, lawn sprinklers and other devices with a plug by simply plugging them in.

### 3. Timer for built-in installation

- **SU62PF-BT/UC**

With its 60 time functions, this timer enables a wide range of automation in built-in installation. If required, the timer can also be controlled manually with a pushbutton.

### 4. Multifunctional time relay

- **MFZ12DBT-UC**

The time relay offers 18 different programs, such as clock generator, response delay or release delay for connected devices.

### 5. Universal dimmer Bluetooth

- **EUD12NPN-BT/300W-230V**
- **EUD12NPN-BT/600W-230V**

The universal dimmer supports a variety of functions, including various dimming curves, which enable easy use with different types of lamps. It is conveniently controlled using pushbuttons or motion detectors.

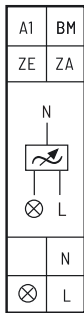
Other advantages include central on-off control, an integrated timer, an astro function and a children's room switch.

### YouTube Channel

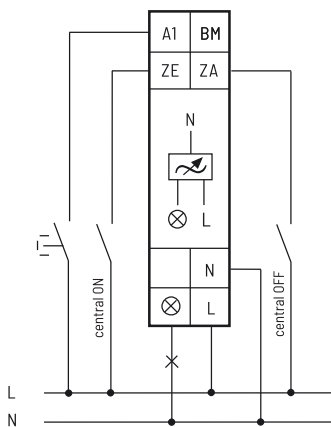


<https://eltako.com/redirect/youtube-kanal>





### Typical connection



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

Manuals and documents in further languages:  
[https://eltako.com/redirect/EUD12NPN-BT\\*300W-230V](https://eltako.com/redirect/EUD12NPN-BT*300W-230V)

## EUD12NPN-BT/300W-230V



**Universal dimmer switch with integrated timer, Bluetooth and ELTAKO Connect-App. Power MOSFET up to 300 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. 1 module = 18 mm wide, 58 mm deep.

Universal dimmer switch for lamps up to 300 W, depending on ventilation conditions, dimmable 230 V LED lamps are also dependent on the lamp electronics and the dimming technology, **see Technical data page 9-22.**

### 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 timer 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.

### AUTO allows the 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.

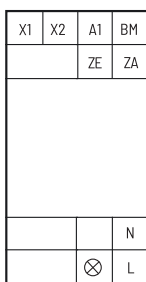
In addition, due to the design, the maximum number of lamps may be lower than in automatic mode.

By briefly pressing the button on the front, you can always switch it on and off manually.

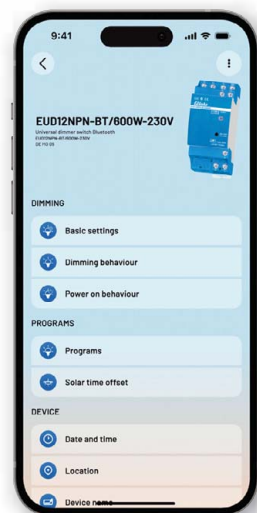
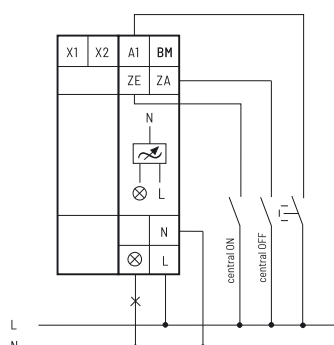
The control input A1 is used to control pulses using a universal button. A direction button for 'off' can be connected via the diode RTD (any polarity). Another direction button for 'on' is connected directly to A1. With the first control pulse 'off', the dimmer switch switches control input A1 to 'direction 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. 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.

<b>EUD12NPN-BT/ 300W-230V</b>	Universal dimmer switch, Power MOSFET up to 300 W	<b>Art. No. 21100807</b>	<b>80,00 €/pc.</b>
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### 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](https://eltako.com/redirect/EUD12NPN-BT*600W-230V)

# 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 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 230V 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 230V 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.

<b>EUR12NPN-BT/600W-230V</b>	Universal dimmer switch with Bluetooth, Power MOSFET up to 600 W	<b>Art. No. 21100809</b>	<b>128,26 €/pc.</b>
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# DIGITAL SETTABLE MULTIFUNCTION TIME SWITCH WITH DISPLAY AND BLUETOOTH MFZ12DBT-UC WITH ELTAKO CONNECT-APP AND 18 FUNCTIONS



+B1	
+A1	-A2
(N)	16
15(L)	18

## MFZ12DBT-UC



**Digital settable multifunction time switch with display and Bluetooth with ELTAKO Connect-App and 18 functions. 1 CO contact potential free 10 A/250 V AC. 230 V LED lamps up to 200 W, incandescent lamps 2000 W. With display lighting. Standby loss 0.1-0.3 watt only.**

Modular device for DIN-EN 60715 TH35 rail mounting.

1 module = 18 mm wide, 58 mm deep.

**With the patented ELTAKO Duplex technology (DX) the normally potential-free contacts can still switch in zero passage when switching 230 V AC 50 Hz and therefore drastically reduce wear. Simply connect the neutral conductor to the terminal (N) and L to 15 (L) for this. This gives an additional standby consumption of only 0.1 Watt.**

**Universal control voltage 12 to 230 V UC.** Supply voltage same as the control voltage.

Both functions and times are entered at the touch of a key and indicated digitally on an LC display.

Only two keys are required for this purpose.

When setting the time all values can be entered within preset time ranges (0.1 to 9.9 or 1 to 99 seconds, minutes or hours). The longest possible setting is 99 hours. 600 settings are possible. The time setting is continuously displayed digitally.

**Functions** (description page 13-21)

**RV** = off delay

**AV** = operate delay

**AV+** = operate delay additive

**TI** = clock generator starting with impulse

**TP** = clock generator starting with pause

**IA** = impulse controlled pickup delay  
(e.g. automatic door opener)

**IF** = pulse shaper

**EW** = fleeting NO contact

**AW** = fleeting NC contact

**EAW** = fleeting NO contact and  
fleeting NC contact

**ARV** = operate and release delay

**ARV+** = operate and release delay additive

**ES** = impulse switch

**SRV** = release-delay impulse switch

**ESV** = impulse switch with release delay  
and switch-off early-warning  
function

**ER** = relay

**ON** = permanent ON

**OFF** = permanent OFF

With TI, TP, IA, EAW, ARV and ARV+ functions, a different second time can be entered also with different time ranges.

**The time switch is set either via Bluetooth with the app or with the MODE and SET buttons, a button lock is possible.**

**The display lighting is switched on by pressing MODE or SET for the first time.**

20 seconds after you last press MODE or SET, the program returns automatically to normal display and the display illumination goes off.

**Connect the timer to the app:**

Press SET, the display shows **BLE** (Bluetooth) and the ID of the timer. The connection to the app can now be established (delivery state **PIN 123123**).

Scan the QR code on the operating instructions, the app guides you through the learning process. After the connection to the app has been established, **BLE+** appears in the display. The MODE and SET buttons are now locked. After 20 minutes without interacting with the timer, the connection is automatically disconnected.

**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): The connection to the app must be disconnected. Press MODE and SET simultaneously for 2 seconds, **RES** flashes in the display. Now press SET for 2 seconds, **BLE** appears in the display. If you confirm with SET, the BLE reset is carried out, the PIN is deleted and the delivery status is restored.

**Set the time switch with the MODE and SET buttons:**

Pressing the MODE button selects the LCD element to be changed. The element currently being accessed flashes. Pressing the SET button changes the element being accessed. This can be the function, time frame, time T1 or time T2 (TI, TP, IA, EAW, ARV and ARV+ only). Each entry is terminated with the MODE key. After setting the time with MODE, no element flashes anymore - the time switch is ready for operation.

**Security in the event of a power failure:** The parameters set are saved in an EEPROM and are therefore immediately available again after a power failure.



ELTAKO Connect-App

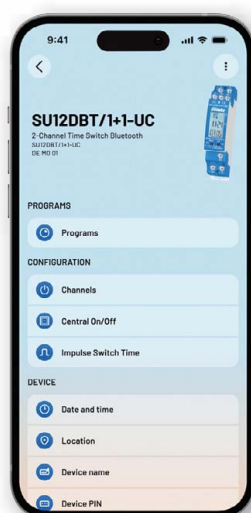
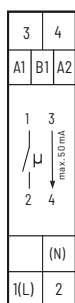
<https://eltako.com/redirect/eltako-connect>



Manuals and documents in further languages:  
<https://eltako.com/redirect/MFZ12DBT-UC>

<b>MFZ12DBT-UC</b>	Digital settable multifunction time switch with display and Bluetooth, 1 CO contact 10 A	<b>Art. No. 23001003</b>	<b>83,33 €/pc.</b>
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## 2-CHANNEL TIMER WITH DISPLAY AND BLUETOOTH SU12DBT/1+1-UC WITH APP ELTAKO-CONNECT



ELTAKO Connect-App

<https://eltako.com/redirect/eltako-connect>



Manuals and documents in further languages:

[https://eltako.com/redirect/SU12DBT\\*1+1-UC](https://eltako.com/redirect/SU12DBT*1+1-UC)

## SU12DBT/1+1-UC



**2-channel timer with display, Bluetooth and ELTAKO Connect-App. Channel 1 with 1 potential-free NO contact 16 A/250 V AC and DX. Channel 2 with 1 potential-free OptoMOS semiconductor output 50 mA/12..230 V UC e.g. to control an electronic relay (ER) or a group impulse switch (EGS). With display lighting and astro function. Standby loss only 0.1-0.3 watts. Supply and control voltage for central control 12 to 230 V UC.**

Modular device for DIN-EN 60715 TH35 rail mounting.

1 module = 18 mm wide, 58 mm deep.

**With the patented ELTAKO duplex technology (DX), the normally potential-free contact 1 can still switch at zero crossing when switching 230 V/50 Hz AC voltage and thus drastically reduce wear. To achieve this, simply connect the N conductor to the terminal (N) and L to 1(L). This results in an additional standby consumption of only 0.1 watt.**

Up to 60 timer memory locations are freely assigned to the channels. With date and automatic summer/winter time changeover. Ca. 7 days power reserve without battery.

Each memory location can be assigned with the astro function (automatic switching after sunrise or sundown), the switch on/off time or a pulsed switching time (which triggers an impulse of 2 seconds). The astro switch on/off time can be changed up to  $\pm 2$  hours. A time lag of up to  $\pm 2$  hours influenced by the solstices can be entered additionally. With control input (+A1) for central control ON or OFF with priority.

**The timer is set either via Bluetooth with the app or with the MODE and SET buttons, a button lock is possible.**

**The display lighting is switched on by pressing MODE or SET for the first time.**

20 seconds after you last press MODE or SET, the program returns automatically to normal display and the display illumination goes off.

**Connect the timer to the app:**

Press SET, the display shows **BLE** (Bluetooth) and the ID of the timer. The connection to the app can now be established (delivery state **PIN 123123**).

Scan the QR code on the operating instructions, the app guides you through the learning process. After the connection to the app has been established, **BLE+** appears in the display. The MODE and SET buttons are now locked. After 20 minutes without interacting with the timer, the connection is automatically disconnected.

**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): The connection to the app must be disconnected. Press MODE and SET simultaneously for 2 seconds, RES flashes in the display. Now press SET for 2 seconds, BLE appears in the display. If you confirm with SET, the **BLE** reset is carried out, the PIN is deleted and the delivery status is restored.

**Set the timer with the MODE and SET buttons:**

**Set language:** Every time the power supply is applied, press SET within 10 seconds to set the language and press MODE to confirm. D = German, GB = English, F = French, IT = Italian and ES = Spanish. The normal display then appears: weekday, time, day and month.

**Rapid scroll:** In the following settings, the numerals scroll rapidly when you press and hold down Enter. Release then press and hold down to change the scroll direction.

**Set clock:** Press MODE then at PRG (program) press SET to search for the **CLK function**. Press MODE to set. In H, press SET to select the hour and press MODE to confirm. In M proceed in the same way to set the minute.

**Set date:** Press MODE then at PRG press SET to search for the **DAT function**. Press MODE to select. At Y, press SET to select the year and press MODE to confirm. Proceed in the same way at M to set the month and at D to set the day. The last setting in the sequence is MO (weekday) blinking. Press SET to set it and press MODE to confirm.

Further settings like **geographic position for astro function, manual switching ON or OFF, summer/winter time changeover, central control ON or OFF, random mode, keylock and entering of timer programs** are described in the operating instructions.

SU12DBT/1+1-UC	2-channel timer with display and Bluetooth	Art. No. 23200902	86,67 €/pc.
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## 2-CHANNEL TIMER WITH DISPLAY AND BLUETOOTH S2U12DBT-UC WITH APP ELTAKO-CONNECT



+B1	-A2	4(L)	6
		5	(N)
+E1	+F1	-E2	(N)
		1(L)	3

## S2U12DBT-UC



**2-channel timer with display, Bluetooth and ELTAKO Connect-App. 1+1 CO contact potential free 10 A/250 V AC, with DX technology. With display lighting and astro function. Standby loss only 0.1-0.3 watts. Supply voltage 12..230 V UC. Central ON and central OFF control inputs for 8..230 V UC, galvanically isolated from the supply voltage and switching voltage.**

Modular device for DIN-EN 60715 TH35 rail mounting. 2 modules = 36 mm wide, 58 mm deep.

**With the patented ELTAKO Duplex technology (DX) the normally potential-free contacts can still switch in zero passage when switching 230 V AC 50 Hz and therefore drastically reduce wear. Simply connect the neutral conductor to the terminal (N) and L to 1(L) and/or 4(L) for this. This results in an additional standby consumption of only 0.1 watt.**

Up to 60 timer memory locations are freely assigned to the channels. With date and automatic summer/winter time changeover. Ca. 7 days power reserve without battery. Each memory location can be assigned with the astro function (automatic switching after sunrise or sundown), the switch on/off time or a pulsed switching time (which triggers an impulse of 2 seconds). The astro switch on/off time can be changed up to  $\pm 2$  hours. A time lag of up to  $\pm 2$  hours influenced by the solstices can be entered additionally. Central control ON (terminals +E1/-E2) or OFF (terminals +F1/-E2) with priority in ZEA operation (automatic with central control).

**The timer is set either via Bluetooth with the app or with the MODE and SET buttons, a button lock is possible.**

**The display lighting is switched on by pressing MODE or SET for the first time.**

20 seconds after you last press MODE or SET, the program returns automatically to normal display and the display illumination goes off.

**Connect the timer to the app:**

Press SET, the display shows **BLE** (Bluetooth) and the ID of the timer. The connection to the app can now be established (delivery state **PIN 123123**).

Scan the QR code on the operating instructions, the app guides you through the learning process. After the connection to the app has been established, **BLE+** appears in the display. The MODE and SET buttons are now locked. After 20 minutes without interacting with the timer, the connection is automatically disconnected.

**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): The connection to the app must be disconnected. Press MODE and SET simultaneously for 2 seconds, RES flashes in the display. Now press SET for 2 seconds, BLE appears in the display. If you confirm with SET, the **BLE** reset is carried out, the PIN is deleted and the delivery status is restored.

**Set the timer with the MODE and SET buttons:**

**Set language:** Every time the power supply is applied, press SET within 10 seconds to set the language and press MODE to confirm. D = German, GB = English, F = French, IT = Italian and ES = Spanish. The normal display then appears: weekday, time, day and month.

**Rapid scroll:** In the following settings, the numerals scroll rapidly when you press and hold down Enter. Release then press and hold down to change the scroll direction.

**Set clock:** Press MODE then at PRG (program) press SET to search for the **CLK function**. Press MODE to set. In H, press SET to select the hour and press MODE to confirm. In M proceed in the same way to set the minute.

**Set date:** Press MODE then at PRG press SET to search for the **DAT function**. Press MODE to select. At Y, press SET to select the year and press MODE to confirm. Proceed in the same way at M to set the month and at D to set the day. The last setting in the sequence is MO (weekday) blinking. Press SET to set it and press MODE to confirm.

Further settings like **geographic position for astro function, manual switching ON or OFF, summer/winter time changeover, central control ON or OFF, random mode, keylock and entering of timer programs** are described in the operating instructions.



ELTAKO Connect-App

<https://eltako.com/redirect/eltako-connect>



Manuals and documents in further languages:  
<https://eltako.com/redirect/S2U12DBT-UC>

S2U12DBT-UC	2-channel timer with display and Bluetooth	Art. No. 23002903	90,00 €/pc.
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## OUTDOOR SOCKET TIMER WITH BLUETOOTH ASSU-BT/230V WITH APP ELTAKO-CONNECT



ELTAKO Connect-App

<https://eltako.com/redirect/eltako-connect>



Manuals and documents in further languages:  
[https://eltako.com/redirect/ASSU-BT\\_230V](https://eltako.com/redirect/ASSU-BT_230V)

## ASSU-BT/230V



**1-channel timer with Bluetooth and ELTAKO Connect-App. 1 NO contact not potential free 16 A/250 V AC, 230 V LED lamps and ESL up to 400 W, incandescent lamps 2300 W. 116x56x46 mm (measurements without plug), black. Suitable for both indoors and outdoors, IP44 (splash-proof). With 'astro' function. Only 0.3 watt standby loss.**

German socket (Type F), with increased shock protection.

Supply and switching voltage 230 V.

### Zero passage switching.

Bistable relay to prevent coil power loss and the associated heat generation in switched state.

Up to 60 timer memory locations are freely assigned to the channels. With date and automatic summer/winter time changeover. Ca. 7 days power reserve without battery.

Each memory location can be assigned with the astro function (automatic switching after sunrise or sundown) or the switch on/off time. The astro switch on/off time can be changed up to  $\pm 2$  hours.

A time lag of up to  $\pm 2$  hours influenced by the solstices can be entered additionally.

### The timer is set via Bluetooth with the app.

#### Connect the timer to the app:

Press the button on the front for 5 seconds, the blue LED flashes. The connection to the app can now be established (delivery state **PIN 123123**). The flashing of the blue LED signals readiness for coupling, this ends automatically after 3 minutes, but can be ended manually by pressing a button > 5 seconds. Scan the QR code on the operating instructions, the app guides you through the teaching-in process. After the connection to the app has been established, the blue LED lights up continuously. If the connection is not disconnected via the app, it will be automatically disconnected after 20 minutes of no interaction with the app. After separating the connection via the app, the timer again signals its readiness for coupling 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 or unplug and plug in the adapter plug 8 times within 40 seconds. The blue LED flashes.

#### Setting the timer via the ELTAKO Connect-App:

**Edit programs:** creation, editing and activation/deactivation of time and astro programs.

**Channel configuration:** choose between AUTO, On or Off function. Random mode: when random mode is switched on, all switching times of all channels are randomly shifted by up to 15 minutes. Switch-on times to earlier and switch-off times to later.

Time shift solstice: setting a time shift of up to  $\pm 2$  hours at the summer solstice and at the winter solstice.

**Date and time:** the date, time, time zone and summer/winter time can be set manually or automatically.

**Location:** manual or automatic entry of the location possible.

**Bluetooth:** activation of permanent visibility possible. By activating permanent visibility, Bluetooth remains active on the timer and does not have to be activated manually before the connection is established.

**Factory settings:** choose between deleting all programs, resetting the Bluetooth settings and resetting to factory settings.

#### Operate the timer with the button on the front:

**Manual switching:** you can always switch on and off manually by briefly pressing the button.

**Switching the AUTO function on and off:** The AUTO function can be switched on and off by pressing the button > 2 seconds but < 5 seconds. If the button is pressed for 2 seconds, the green LED lights up briefly, then when it is released, the green LED signals whether the AUTO function is on or off.

If the green LED lights up for 0.3 seconds, the AUTO function is deactivated, set time and Astro programs are not executed.

If the green LED lights up for 2 seconds, the AUTO function is activated, the time switch switches according to the time and astro programs.

<b>ASSU-BT/230V</b>	Outdoor socket timer with Bluetooth, 1 NO contact 16A	<b>Art. No. 30000660</b>	<b>83,33 €/pc.</b>
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# 1-CHANNEL TIMER WITH POTENTIAL-FREE CONTACT, BLUETOOTH SU62PF-BT/UC WITH APP ELTAKO-CONNECT



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



Manuals and documents in further languages:  
[https://eltako.com/redirect/SU62PF-BT\\*UC](https://eltako.com/redirect/SU62PF-BT*UC)

## SU62PF-BT/UC



**1-channel timer with potential-free contact, Bluetooth and ELTAKO Connect-App. 1 NO contact potential-free 10 A/250 V AC, 230 V LED lamps and ESL up to 200 W, incandescent lamps 2000 W. With 'astro' function. Only 0.3 watt standby loss.**

For installation. 49x51mm, 20 mm deep.

**The terminals are plug-in terminals for conductor cross-sections of 0.2 mm<sup>2</sup> to 2.5 mm<sup>2</sup>.**

Supply and control voltage 12-230 V UC.

Bistable relay, so there is no coil power loss and no heating even when switched on.

Up to 60 memory locations for programming switching times. With date and automatic summer/winter time changeover. Ca. 7 days power reserve without battery. When the power returns, the timer switches the programs on again.

Each memory location can be assigned either the astro function (automatic switching after sunrise or sunset) or the switch-on and switch-off times; one-time program execution can be configured. The **astro** switch on/off time can be changed up to ±2 hours. A time lag of up to ±2 hours influenced by the solstices can be entered additionally.

**The timer is set via Bluetooth with the ELTAKO Connect-App.** The QR-Code in the operating instructions links to download of the App, which allows to configure the device.

**Pairing mode:** Automatic for 3 minutes after the voltage is applied or manually using the local button (press for 5 seconds).

**Briefly switching the load on and off signals that it is ready for pairing.**

If the connection is not disconnected via the app, it will be automatically disconnected after 20 minutes without communication with the app. After the connection with the app has been disconnected, the timer is ready for pairing again for 3 minutes, but can be manually terminated using the local button (press for 5 seconds). **Switching the load on and off twice signals the end of the pairing readiness.**

**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 local button 8 times or switch the supply voltage on and off 8 times.

**Setting the timer via the ELTAKO Connect-App:**

**Edit programs:** Create, edit and activate/deactivate time and astro programs, as well as the option to run a program only once.

**Channel configuration:** Choose between the **AUTO, on** or **off** function. The timer only switches according to the **time** and **astro** programs when the **AUTO function** is activated.

**Random mode:** When random mode is switched on, all switching times are randomly shifted by up to 15 minutes. Switch-on times to earlier and switch-off times to later.

**Summer/winter time changeover:** Setting a time shift of up to ±2 hours at the summer solstice and the winter solstice.

**Date and time:** Date, time, time zone and summer/winter time can be set manually or automatically determined and set by the app.

**Location:** The location can be entered manually or determined and set by the app.

**Bluetooth:** Selection between the following **Bluetooth pairing** readiness levels:

**3min-On:** After the voltage is applied, the timer is ready for pairing for 3 minutes.

**Manual-On:** The pairing readiness can only be activated for 3 minutes using the local button.

**Permanent-On:** Permanent pairing readiness. Bluetooth remains permanently active.

**Factory settings:** Choice between deleting all programs, resetting the Bluetooth settings and resetting to factory settings.

**Factory settings:** Choose between deleting all programs, resetting Bluetooth pairing settings and resetting to factory settings.

SU62PF-BT/UC	1-channel timer with potential-free contact, Bluetooth and ELTAKO Connect-App	Art. No. 30062006	66,67 €/pc.
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The Eltako logo, featuring the word "Eltako" in a stylized, cursive blue font.

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