

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

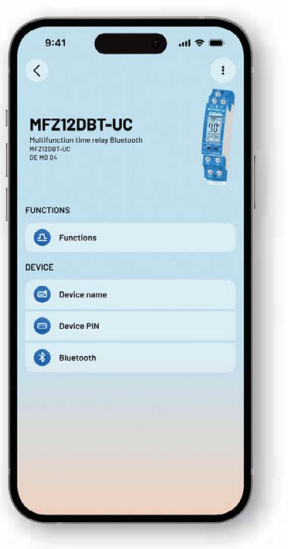
MFZ12DBT-UC

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

MFZ12DBT-UC	Digital settable multifunction time switch with display and Bluetooth, 1 CO contact 10 A	**Art. No. 23001003**	**76,40 €/pc.**

Technical data page 13-22.
Housing for operating instructions GBA14 page 1-48 chapter 1.

Recommended retail prices excluding VAT.