

## Timer S2U12DDX-UC

with display

valid for devices from production week 48/10  
(see bottom side of housing)

### ! Note: Select English language !\*

Timer with display and with 2 channels.

1+1 NO contacts potential free 16A/250V AC.  
Only 0.03-0.4 watt standby loss.

Modular device for DIN-EN 60715 TH35 rail mounting. 1 module = 18mm wide, 58mm deep.

**Patented Eltako Duplex technology (DX) allows you to switch normally potential free contacts in zero passage switching when 230V A/C voltage 50Hz is switched. This drastically reduces wear. To achieve this, simply connect the N conductor to the terminal (N) and L to 1(L) and/or 3(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.

To enter the switch-in and switch-off times, an impulse switching time can also be selected instead. This triggers a 2 second impulse.

With control input for central control ON or OFF with priority.

Supply voltage and control voltage for central control 8 to 230V UC.

**The timer is set using the MODE and SET buttons and a keylock function is provided.**

**\*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.

**Manual switching:** Press MODE and for PRG press SET to search for **function INT**. Then press MODE to select. For CH press SET to select Channel 1 or 2 and press MODE to confirm. Manual switching is cancelled automatically when a timer function is executed.

**Summer/winter time changeover:** Press MODE then at PRG press SET to search for the **SWT function** and press MODE to select. Now press SET to switch between ON and OFF. If you select ON, changeover is automatic.

**Central control ON or OFF with priority:** Press MODE and then press SET for PRG to search for **function CIA**. Press MODE to select. Then press SET to switch from COF to CON and press MODE to confirm.

**Switch random mode on/off:** Press MODE then at PRG press SET to search for the **RND function** and press MODE to select. Press SET to set to ON (RND+) or OFF (RND) and press MODE to confirm. When random mode is switched on, all switch-on time points of all channels are shifted at random by up to 15 minutes. Switch-on times are switched earlier and switch-off times are switched later.

**Enable keylock:** Briefly press MODE and SET together and at LCK, press SET to lock. This is displayed by an arrow next to the lock symbol.

**Disable keylock:** Press MODE and SET together for 2 seconds and at UNL press SET to unlock.

**Entering timer programmes:** Press MODE and at PRG press MODE to select the memory location selection menu. Press SET to search one of 60 memory locations from P01 to P60. Press MODE to confirm.

To deactivate memory locations, press SET to switch over from ACT+ to ACT. Confirm AKT+ by pressing MODE. Press SET and then MODE

to permit the inputs ON, OFF and IMP (for 2 second impulse switching time), channel number KNL, hours S, minutes M and active week days from MON to SUN. Press SET to change each input and confirm by pressing MODE. After confirming SU, the memory location is entered completely.  
If you press and hold down MODE during a confirmation for longer than 2 seconds, the changed values are saved and the normal display reappears. 20 seconds after the last MODE or SET operation, the program automatically reverts to the normal display. A memory location that is not fully entered is not saved.

### Program examples:

P01/ON/CH1/7:50/MO+:

The light on Channel 1 switches on at 7:50 on Mondays.

P02/OFF/CH1/8:50/MO+:

The light on Channel 1 switches off at 8:50 on Mondays.

P03/ON/CH1/20:00/MO+:

The light on Channel 1 switches on at 20:00 on Mondays.

P04/OFF/CH1/21:00/MO+:

The light on Channel 1 switches off at 21:00 on Mondays.

P05/ON/CH2/10:00/SU+:

The light on Channel 2 switches on at 10:00 on Sundays.

P06/OFF/CH2/12:00/SU+:

The light on Channel 2 switches off at 12:00 on Sundays.

P07/IMP/CH1/6:00/SA+:

All roller shutters are opened at 6:00 on Saturdays.

P08/IMP/CH2/22:00/SA+:

All roller shutters are closed at 22:00 on Saturdays.

**Clear all memory locations:** press and hold down MODE and SET simultaneously for 2 seconds and press SET to confirm RES in the display.

## Important Note!

**Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock.**