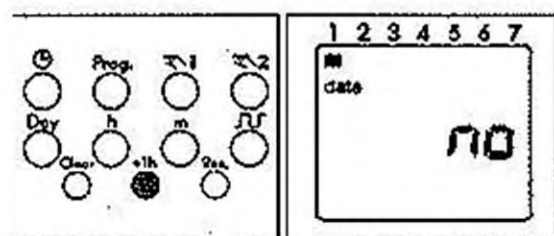
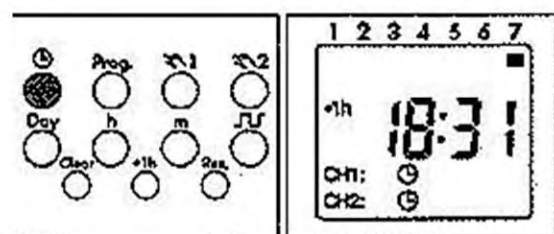


Press the key once



Press the + 1h as often as necessary until **no** appears. The time switch operators without a date!



Press the key once. The input is ended.

Note:

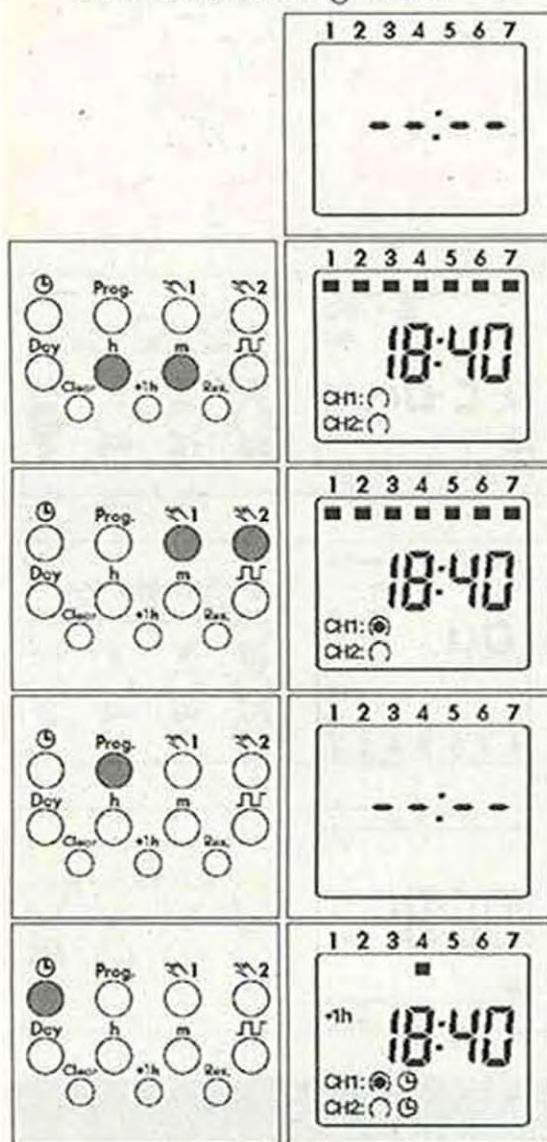
Select day of the week see 6.1

You determine the switching times and the switching state for the relevant switching output (channel.) Symbol: CH1: (ON) = Channel 1

CH2: (OFF) = Channel 2

These assignments are possible:

- Switching commands **only** for channel 1
- Switching commands **only** for channel 2
- The same switching commands for channel 1 and channel 2 (the switching time and switching state are identical)
- The same switching time for channel 1 and channel 2 but with a different switching state.



Select free memory location:

Press the Prog key as often as necessary until --:-- appears.

Set the switching times:

With the m key – minutes

With the h key – hours

For weekday adjustment, see:

Block formation of weekdays, Point 8

Set the switching state:

With the key

(ON) or (OFF)

Note:

The switching state for CH1 or CH2 can be deactivated.

No symbol – no switching.

Press the Prog key once. The input has ended. A free memory location is displayed – for other settings or

Press the key once. The input is ended.

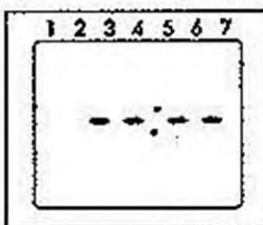
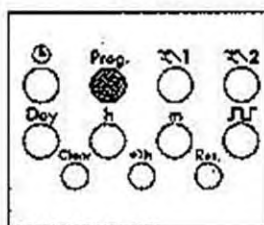
The display shows the current time.

Defined combinations of weekdays or individual days

You determine the weekdays for your switching program.

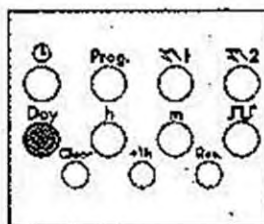
1 - Monday, 2 - Tuesday, 3 - Wednesday ..., 7 - Sunday

Example: Monday ... Friday (8:00 ON; 22:00 OFF)



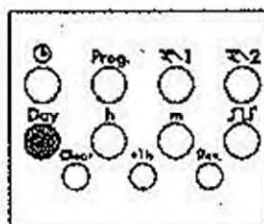
Select free memory location:

Press Prog key as often as necessary until ---:--- appears



Press the Day key once

All 7 days of the week are activate



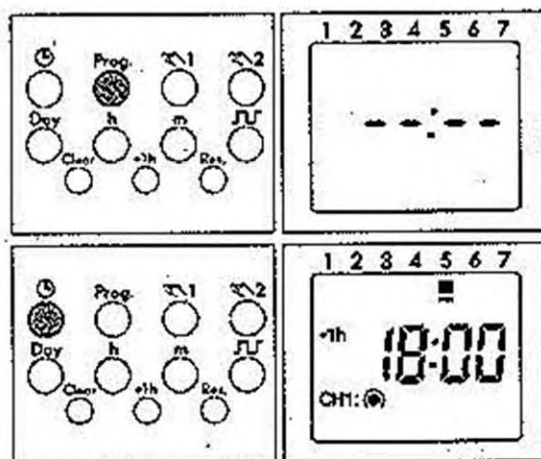
Activating/deactivating days of the week:

Jog the Day key stepwise

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|
| ▼ | - | - | - | - | - | - | - |
| ▼ | - | - | - | - | - | - | - |
| ▼ | - | - | - | - | - | - | - |
| ▼ | - | - | - | - | - | - | - |
| ▼ | - | - | - | - | - | - | - |
| ▼ | - | - | - | - | - | - | - |
| ▼ | - | - | - | - | - | - | - |
| ▼ | - | - | - | - | - | - | - |
| ▼ | - | - | - | - | - | - | - |

Note:

Enter the switching times and the switching state ● = ON; ○ = OFF for the relevant switching state (channel). For standard switching commands, see 7.



Press the Prog key once.
The input is ended.
A free memory location is
displayed - for further settings
or

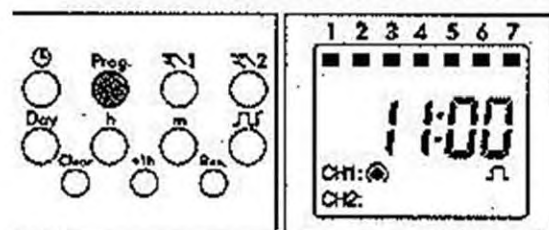
press the Day key once.
The input is ended.
The display shows the
current time.

Note:

After the procedures

- read, modify or delete
the time, date, switching
program
- DCF synchronisation
- restoration of mains power
the switching state of the time
switch is updated automatically

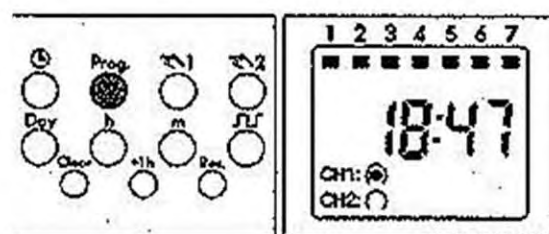
- You can read the program contents stepwise
- You can change or overwrite the program contents
- You can delete the program contents
- You can delete the date and time



Read

Press the Prog key step by step
Each individual content is displayed until the end of the program.
Then:

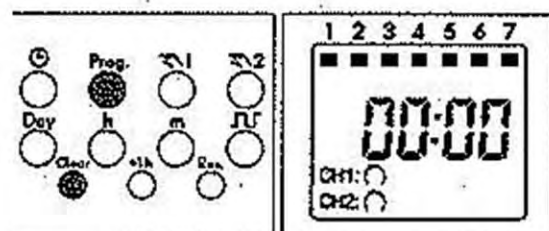
- One free memory location
- One digit (free memory locations) (ex. Fr 10)



Change

Press the Prog key step by step as far as the switching command/contents which you want to change/overwrite.
Change the switching command/contents:

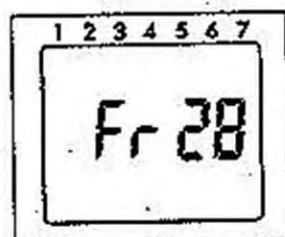
- As described in
8. Weekday block formation



Delete - individual switching commands

Press the Prog key step by step as far as the switching command/contents which you want to delete.

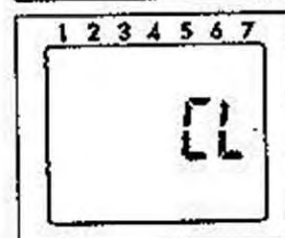
Press the Clear key once.
This switching command is deleted.



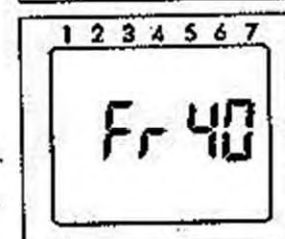
Delete - All switching commands



Press the Prog key as often as necessary until FRxx appears



Press the Clear key once.
CL is in the display



Press the Clear key and hold it down.
All memory locations are deleted!

The display shows the number
of the max. memory locations.



Reset



Press the Reset key once

The set date and time are reset.

The factory setting
AU = automatic s/w
time changeover is active
(31.12.1997; 00:00)


All segments are visible for
approx. 2 seconds,
then 00:00 appears.


AU = automatic s/w time
changeover














See point 5 and 6 for
setting the current date.



You change – manually – the current switching state.
However, the individually set switching program is preserved.

 1 for channel 1

 2 for channel 2

|  = automatic |  = Manual mode | FIX = continuous operation |
|---|---|---|
|   = OFF |   = ON |  FIX = Continuous ON |
|   = ON |   = OFF |  FIX = Continuous OFF |
| The switching state corresponds to the entered program. | You change – manually – the current switching state. The next switching command in the program is executed automatically again. | You change – manually – the current switching state. Only with the  key do you switch from continuous operation back to Automatic mode. |

| | 1 channel daily program | 1 channel weekly program 2 channel weekly program |
|----------------------------------|---|--|
| Dimensions (H x W x D) mm | 45 x 36 x 60 | 45 x 36 x 60 |
| Distributor cut-out mm | 46 x 36 | 46 x 36 |
| Weight g (approx.) | 170 | 170 |
| Connection | see unit imprint | see unit imprint |
| Power consumption: | see unit imprint | see unit imprint |
| Switching capacity at 230 V AC | | |
| – ohmic load (VDE, IEC) | 16 A/250 V AC | 16 A/250 V AC |
| – inductive load $\cos \phi$ 0,6 | 2,5 A/250 V AC | 2,5 A/250 V AC |
| – glow lamp load | 1000 W | 1000 W |
| Switching output | potential-free | potential-free |
| Switching contacts | 1 or 2 changeover contacts | 1 or 2 changeover contacts |
| Protection class | II | |
| Protection type | IP 20 | |
| Running accuracy | ± 2.5 s/day at $+20^{\circ}\text{C}$ | ± 2.5 s/day at $+20^{\circ}\text{C}$ |
| DCF 77 radio operation | – | – |
| Running reserve type | Lithium | Lithium |
| Running reserve | 3 years from factory | 3 years from factory |
| Shortest switching time | 1 minute | 1 minute |
| Programmable | every minute | every minute |
| Memory locations | 12 | 20/30 |
| Switching preselection | yes | yes |
| Hand switch | Automatic/preselection Fix ON Fix OFF | Automatic/preselection Fix ON Fix OFF |
| Switching state display | yes | yes |
| Block formation of weekdays | – | fixe assignment |
| Summer/winter time switchover | automatic/freely selectable | automatic/freely selectable |
| Connection type | captive +/- screw terminals | captive +/- screw terminals |
| Ambient temperature | $-25^{\circ}\text{C} \dots +55^{\circ}\text{C}$ | $-25^{\circ}\text{C} \dots +55^{\circ}\text{C}$ |
| Led sealable | yes | yes |