

Programming manual 170 410



- 1 ⇒ Monday
- 2 ⇒ Tuesday
- 3 ⇒ Wednesday
- 4 ⇒ Thursday
- 5 ⇒ Friday
- 6 ⇒ Saturday
- 7 ⇒ Sunday
- ┌ ⇒ Channel ON
- └ ⇒ Channel OFF

In AUTO mode manual switching possible by pressing relevant key.

Programming

Key functions

- Menu** Selection of programming modes
AUTO → PR → ? → S/W → AUTO ...
- [CL] Cancelling of inputs in modes PR; ? and S/W.
- ◆ In modes PR; S/W: Change flashing digit resp. position.
- [O.K.] Confirm the selected mode.
In modes PR and S/W: Head for required position. (forwards)
In mode ? : Head for next switching time.
In mode S/W: Enter into memory.
- [◀] In modes PR and S/W: Return to required position. (backwards)
In mode ? : Return to switching time before.
- [A] In mode AUTO: Press for manual override ON or OFF.

Operating modes

- AUTO** Display of time, day of week, switch status of channel(s).
Manual overriding possible (KEY A)
- PR** Input of switching commands according to week day(s) and time
Use arrow keys ◀ and O.K. to alter flashing digit.
Use diamond key ◆ to increase value.
(Confirm last input with key O.K., will enter into memory)
- ?** Displays number of free memory locations
Show switching times
Clear single or all switching times
Use keys O.K. forwards or ◀ backwards to display switching times.
Use diamond key ◆ to change (alter) displayed switching time.
Use key CL to cancelling the displayed switching time.
Use CL key twice to cancel all switching times if number of free memory locations displayed only.
- S/W** Input of actual date and time
Use arrow keys ◀ and O.K. to alter flashing digit.
Use diamond key ◆ to increase value.
(Confirm last input with key O.K., will enter into memory and change into Mode AUTO)
- S/W** To activate / deactivate the summer / winter time change over.
Use diamond key ◆ to select automatic S/W – time change ON or OFF.
(Confirm last input with key O.K., will enter into memory and change into Mode AUTO)

Programming advice

The default setting on delivery is programmed real time and date, the summertime change is activated. Programming possible also with time switch disconnected: Press O.K., display appears, start programming.
Make inputs step by step. The appropriate position in the display is flashing and can be changed by pressing ◆ key. Head for next position by using O.K. key, go backwards by using ◀ key. Inputs are terminated when flashing finishes.

Installation details

Caution: The installation and assembly of electrical equipment must be only carried out only by a skilled person.
Connect to voltage and frequency according to type label only.
The high density electronic circuit is protected against a wide range of external influences. Incorrect operating may occur if external influences exceed certain limits.

Examples

Red: Flashing symbol in display

Mode S/W

Current date and real time input or change

Example: Date 01.02.2000; time 14:00 after Reset

- O.K. 3x
◆ 1x
- O.K. 2x
- O.K. 1x
◆ 1x
- O.K. 1x
◆ 4x
- O.K. 3x

Mode PR

Programming day or week programme

Several possibilities:

1. Single day.
 2. Several days.
- Example: Tuesday (2) and Thursday (4) to Sunday (7)
Switching time 19:00; Channel ON

Initial form: Mode AUTO

- 1x
O.K. 1x
- ◆ 1x
O.K. 2x
- ◆ 1x
O.K. 1x
- O.K. 4x
◆ 1x
- O.K. 1x
◆ 9x
- O.K. 3x
◆ 1x
- O.K. 1x

Continue with input of further dates / functions or press key ○ 1x to return to AUTO mode.

Mode ?

Display or clear switching times

Initial form: Mode AUTO

- 2x
O.K. 1x
- O.K. 1x
- CL 1x
- 1x

Number of storage locations available

Number of storage locations available

If CL key is pressed twice while free storage locations available are displayed, all inputs are cancelled. (Clear all)

Mode S/W

Deactivate automatic summertime changes (daylight saving)

The default setting on delivery, S/W time change is activated.

Initial form: Mode AUTO

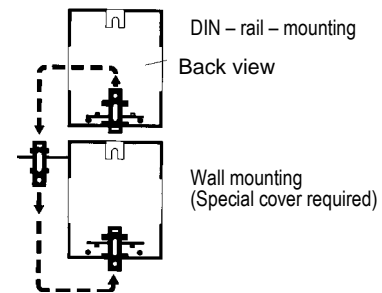
- 4x
O.K. 1x
- ◆ 1x
- O.K. 1x

The S/W – time change is deactivated

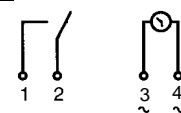
The time changeover is executed automatically according to the „European Regulation“.

Start: Last Sunday in March
End: Last Sunday in October

Mounting advice



Wiring diagram



Reset

Pressing recessed key in the middle of ◀ key and CL key, microprocessor become neutralised. Date, real time and switching programme will clear.



The mode S/W is selected because date and real time must be programme new.