

Programming manual SC 08



- 1 ⇒ Monday
- 2 ⇒ Tuesday
- 3 ⇒ Wednesday
- 4 ⇒ Thursday
- 5 ⇒ Friday
- 6 ⇒ Saturday
- 7 ⇒ Sunday

- ⏏ ⇒ Channel ON
- ⏏ ⇒ Channel OFF

In mode AUTO manual switching possible by pressing key A.

Programming

Key functions

- Menu** Selection of programming modes
AUTO → PR → ? → S/W → AUTO ...
- [CL]** Cancelling of inputs in modes PR; ? and S/W
- [◆]** In PR; ?; S/W and S/W modes: Change flashing digit resp. position. In Mode ? : Change selected inputs.
- [O.K.]** Confirm the selected mode.
In PR and S/W modes: Head for required position. (forwards)
In ? mode: Head for next switching time.
In S/W mode: Enter into memory.
- [◀]** In PR and S/W modes: Return to required position. (backwards)
In ? mode: Return to switching time before.
- [A]** In AUTO mode: Press for manual override ON or OFF. Holding down key A for 3 seconds, will switch ON or OFF PERM override. perm will be displayed. Programmed function in relevant channel will be suppressed. Cancel permanent ON or OFF by holding down key A for a further 3 seconds, perm will disappear.

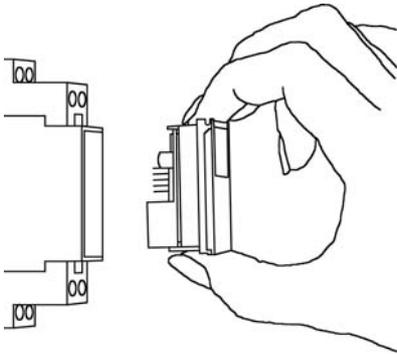
Programming advice

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.

To program the time switch simply remove the logic unit from the base module.



Operating modes

AUTO Display of time, day of week, switch status of channel(s).
Bar graph display of ON time. Display the current sunset-time (ON) by operating the O.K. key and the sunrise-time (OFF) by operating the O.K. key a second time
Manual overriding possible (KEY A)

PR **Input of switching commands according to week day(s) and time, also the holiday programme**
Use arrow ◀ and O.K. keys to alter flashing digit. Use diamond ◆ key to increase value. (Confirm last input with O.K. key, will enter into memory)

? **Displays number of free memory locations**
Selects the selected Astro-table
Show switching times

Clear single or all switching times
Use O.K. key forwards or ◀ key backwards to display switching times.
Use diamond ◆ key to change (alter) displayed switching time.
Use CL key to cancel the displayed switching time.

Use CL key twice to cancel all switching times if number of free memory locations available displayed only.

Input of actual date and time
Use arrow ◀ and O.K. keys to alter flashing digit. Use diamond ◆ key to increase value. (Confirm last input with O.K. key, will enter into memory and change into AUTO mode)

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 O.K. key, will enter into memory and change into AUTO mode)

Reset



Press and hold down all three keys ◀; O.K. and CL, will clear date, real time and microprocessor

Switching programmes normally will not be affected. (Check by Read – Out; “?”mode)

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



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.

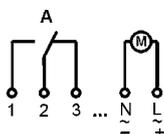


When connecting an alternating current (AC) the L- wire must be connected to the L terminal and the N wire to the N terminal. Never connect the L wire to the N terminal.

Warranty void if housing opened by unauthorised person.

The high density electronic circuit is protected against a wide range of external influences. Incorrect operating may occur if external influences exceed certain limits.

Wiring diagram



Astro-function

- The switch function OFF in Astro mode is aligned with sunrise
- The switch function ON in Astro mode is aligned with sunset
- Each switch-time can be programmed alternatively as Astro, or as normal switch-time.
- If the Astro-function is chosen for a switch-time, the sunrise (turning off) as well as sunset (turning on) times programmed for the current day will be shown in the Display -
- this time can be changed as required and becomes automatically modified each successive day in accordance with the chosen Astro table -
- the difference (offset) between the entered switch-time and the sunrise/set-time is fixed for successive operations
- The programmed switching times, (mode P), as well as the indicated Astro-switch times (mode?) are always applied exclusively to the current day.
- In mode AUTO The current sunset-time can be read by pressing button O.K., and by pressing O.K. twice the current sunrise-time is displayed
- In mode ? the matching astro-table must be chosen as the first step.

Astro table – custom on request

Table	Location
At 01	Scotland
At 02	England North
At 03	England South
At 04	Ireland
At 05	Germany North
At 06	Germany Middle
At 07	Germany East
At 08	Germany South, Swiss North East, Austrian North
At 09	France Middle
At 10	France North East
At 11	France North West
At 12	France South East; Swiss East
At 13	France South West
At 14	Italy North, Swiss South, Austrian South
At 15	Italy Middle
At 16	Italy South

Mode ?

Select time zone. (see table)

Prior to programming switching commands it is necessary to select the installation time zone.

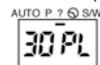
A different Astro-table can be chosen at anytime. The currently programmed Astro-switch times are automatically re-calculated after the selection of the new table. Programmed Astro-switch times can be checked, amended or deleted and input again..

Example: Astro-table 05 (At 05) required.

Start from: Mode AUTO;

Astro-table 01 (At 01) active.

Push button
⏏ 2x, &
button O.K. 1x



Display of free programming commands

Push button
O.K. 1x



Push button
◆ 1x



Push button
◆ 3x



After programming, viewing or amending time zone, by pressing button O.K. switching commands can be viewed, programmed or amended.

To return to AUTO mode press ⏏ button once.

