AHC810/L top1
1-channel 7 day timers

According to version preprogrammed with the current time and Summer/winter norm time

Overview per day of the Programmed switching times
3=Wednesday

Channel statuses On/OFF

Service voltage ok:
Two flashing dots
Power reserve mode:
Three flashing dots

Selection
e.g: Auto、Prog、🕐、Man,Abort input

Display of special function:
Hand ON/OFF
Permanent ON/OFF

Displayed only when summer/winter time changeover is activated
Summer time ☀
Winter time ❅

Current days of the week
1=Monday, **2**=Tuesday,…

The decision **Yes** confirms the selection or programming

Decision **No** mean continue
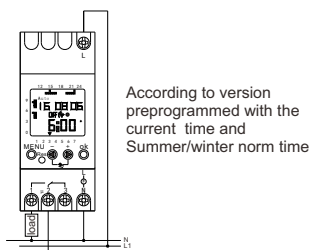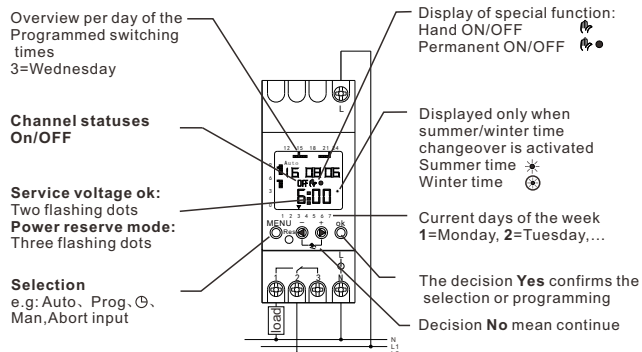
⚠ Safety Information

The connection and installation of electrical must be performed by a skilled electrician only. Any intervention into or modifications to the appliance shall lead to the lapse of all warranty rights. Comply with your national regulations and all relevant safety stipulations.
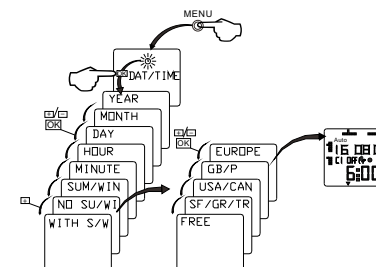
Setting/correcting the date and time Summer/winter time

Read the text display first of all.
Select by pressing the ⊕ key or ⊖ keys.
Store by pressing the OK key.

Automatic summer/winter time correction
According to version the timer is pre-programmed ex-works complete with the change-over. Should you switch off the automatic facility or wish to alter it, first of all read the text display .
Select by pressing ⊕ or ⊖.
Store by pressing OK.

Free Prog to select sum/win change-over other than EUR-GB –USA.
Select sum/win ,and after with sum/win.
Store with OK.
Select rule FREE-with buttons ⊕ or ⊖.
Input month and weeks for sum/win.
Store with OK.

Note: In sum/Win free Prog the time change is set automatically at Sunday 2 AM.
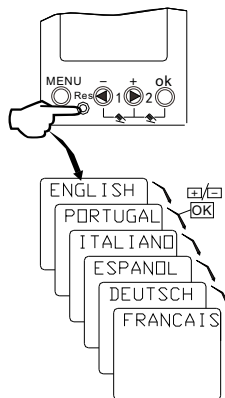Time change is not available.

First contact

Info

The timer is delivered in so-called sleep mode .To increase the power reserve the switch clock changes to the sleep mode after approx.10 minutes.

To activate without a service voltage
Briefly press the Menu key.

Activate with mains voltage
If the timeswitch is already pre- programmed with the actual time , the weekday, and the changeover setting for Summer/Winter time, the actual time and status display appears after selection of the National language.
If the timer is not pre-programmed
First select your national language and then enter the actual date and time.

**Activate the clock,
Select the national language**
By pressing the ⊕or ⊖keys. select your national language.
Store your selection by pressing the OK key.

RESET(only in case emergency):If you perform a RESET of the timer, the individual settings will be deleted. The programmes switching times remain intact. Press the **Res** key with and a pointed object for approx.1 second.

ok   The decision **Yes**.confirms the selection or programming.

\+   The decision No,means continue.

▶   Set or amend by pressing the ⊕or⊖ keys.

ENGLISH
PORTUGAL
ITALIANO
ESPANOL
DEUTSCH
FRANCAIS

For programming, viewing, amending or deleting
First of all read the text display.
Menu selection
Select by pressing the Menu Prog key.
Confirm by pressing OK .
By pressing the ⊕ key select the desired menu.
e.g. New, View ,Amend or Delete.
Confirm your selection by pressing OK .
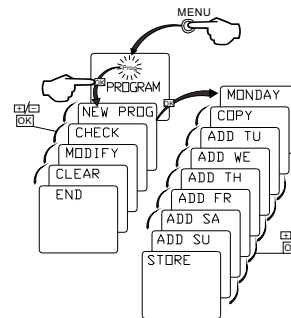**Set or change:**by pressing⊕or⊖.
Store by pressing OK .
To display the switching times:
In the menu View, press the OK key several Times.

Programming the switching time

Switching times for lighting systems, machines, ventilation systems, alarm systems etc.

Formation of day groups
If the same switching times are active on several days of the week, the occupy just one memory location.
58 memory locations are available.

PROGRAM
NEW PROG
CHECK
MODIFY
CLEAR
END

MONDAY
COPY
ADD TU
ADD WE
ADD TH
ADD FR
ADD SA
ADD SU
STORE

Example: Switching on the lighting of a sports hall on Mon, Tues, Fri. from 8.30h until 12h.

Programming example
Select **PROG** by pressing the Menu key.
Store your selection by pressing the OK key.
Select **NEW** by pressing ⊕ or ⊖.
Store your selection by pressing the OK key.
Select **ON** by pressing⊕or⊖
Store your selection by pressing OK .
Set the hours and minutes by pressing the ⊕ or ⊖ key.
Store selection by pressing OK.
To store one day of the week only
Select weekday by pressing ⊕ or ⊖ .
Select store by pressing ⊕.
Store by pressing OK.
To copy to other days of the week
Store **COPY** by pressing OK.
Select weekday by pressing ⊕ or ⊖ .
Store by pressing OK.
To leave out a day of the week ,skip by pressing the ⊕ key.
Finally select the **STORE** display by pressing ⊕.
Store your selection by pressing OK.

PIN-Code

PIN

The device can be locked against unauthorized use with a 4 digit code number.
Select the Manual menu using ⊕or⊖.
Confirm with the OK button.

Selection WITH PIN

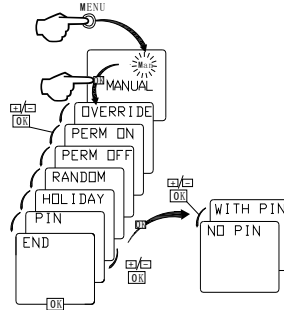Select **WITH PIN** using ⊕or⊖.
Confirm with the OK button .Make note of any desired 4-digits number.
Select the first digit of your 4 digit code using⊕or⊖.

Confirm the entered digit with OK.
Select further digits as described using ⊕or⊖.
Confirm each selected digit with the OK button.

The device is locked 60 sec. after the last keystroke and can only be operated after the correct PIN code is entered.
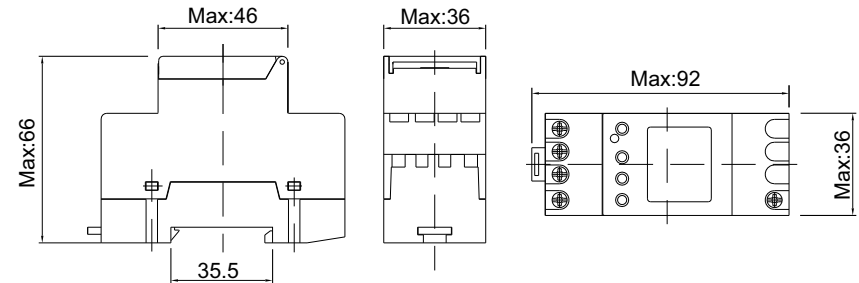Selection **WITHOUT PIN**
Select **WITHOUT PIN** using ⊕or⊖ .
Confirm with the OK button.

If a PIN code has been activated, the timer can no longer be activated without a valid PIN code after a RESET.
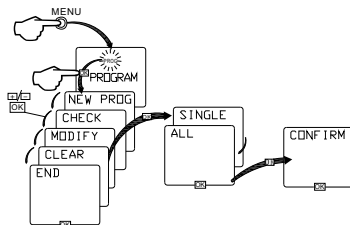
The device must be sent in!

Dimension drawings

Max:46 Max:36 Max:92 Max:66 Max:36 35.5

Technical Data

AHC 810 top1-0 AHC 810L top1-0(Backlight) 230V +6% -10% 50 Hz	16(10) A 250V min. 100mA 24V AC/DC	Degree of protection IIEN 60730 IP 20 EN 60529	2300W	9×7 W 7×11W 7×15W 7×20W 7×23W	400W(42µF)
AHC 810 top1-1 AHC 810L top1-1(Backlight) 120V +6% -10% 50 Hz	Type 1 BSTU IEC/EN 60730-2-7	58 memory locations	AgSnO2 µ	2300W	1000W

Individual deletions

Override Permanent ON or OFF
Via the automatic menu Auto only

	Channel C1 (◄ ►)
Press the two Key for **approx. 1 s.**	Manual preselection: Press keys simultaneously **Channel C1** switches alternately ON orOFF. Symbol ✋ appears. Manual preselection is corrected again by the stored program.
Press the two Key for **approx. 2 s.**	Permanent ON OFF
Cancellation of manual preselection/permanent switching: Briefly press the keys shown above.	

Common technical specifications

Rated voltage: 230V~+6%-10%

Frequency: 50 Hz

Own consumption: max. 5 VA

Contact: zero-potential, gap less than 3mm

Switching power :16A, 250V~, cosφ=1; 10A, 250V~, cosφ=0.6

Incandescent lamp load:2300 W

Halogen lamp load:2300 W

Timing basic: quartz

Working precision:≤±1 sec./day at 20℃

Shortest switching time: 1 minute

Display: LCD display with text line

Operating control elements: 4 touch keys and 1 reset key

Power reserve: approx. 4 years with display with full controllability(temp. 20℃) by means of an environmentally friendly lithium battery

Permissible ambient temperature:
-10℃…+ 50℃

Weight: approx.130 g