theben

TR 610 top

TERMINA
1-channel 7 day timers

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

⚠️ ## Safety Information

| D | **GB** | F | NL | I | E | P |

310 783 03

Overview per day of the programmed switching times
5 = Friday

Channel statuses
are displayed
On / OFF

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

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

Auto
02 04 /03
OFF
6:00 ❄
0
1 2 3 4 5 6 7

MENU   —   +   OK

1   2   3   N

Display of special functions:
Override ON/OFF
Permanent ON/OFF

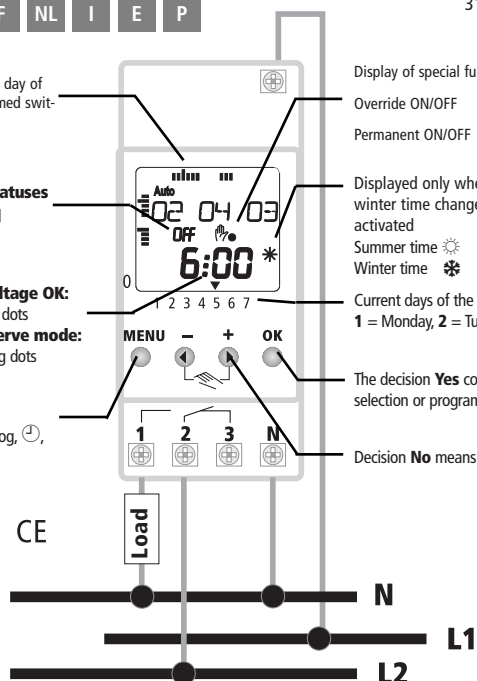Displayed only when summer/ winter time changeover is activated
Summer time ☀
Winter time ❄

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

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

Decision **No** means continue
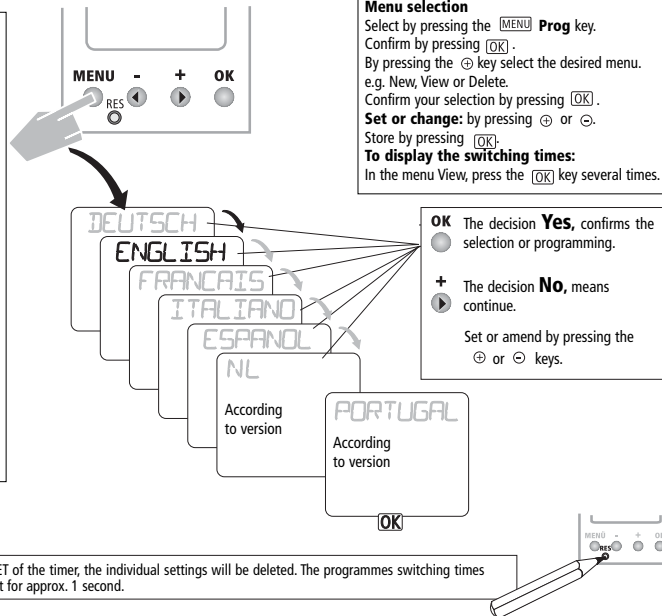
CE

Load

N

L1

L2

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. 15 minutes.
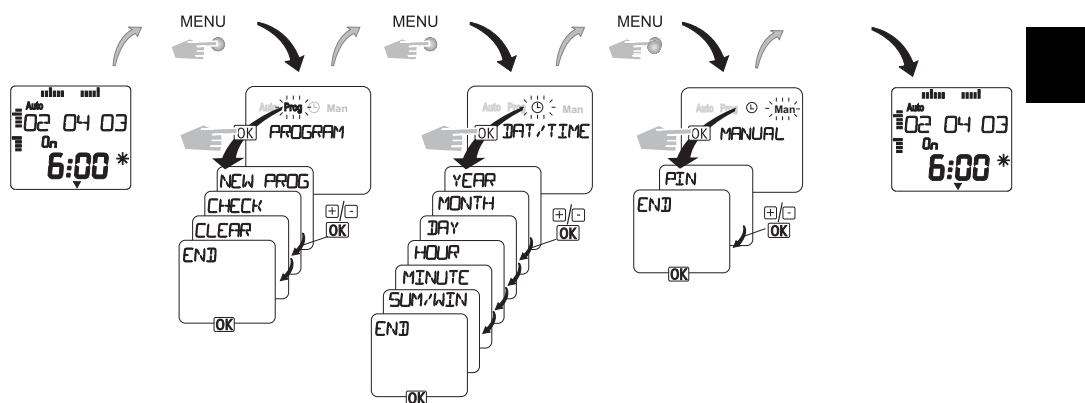
To activate without a service voltage
Briefly press the MENU key.

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.
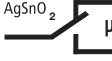
If the timer is not pre-programmed
First select your National language and then enter the actual date and time.

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

For programming, viewing 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 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.

MENU − + OK
RES

DEUTSCH
ENGLISH
FRANCAIS
ITALIANO
ESPANOL
NL
According to version

PORTUGAL
According to version

OK

OK The decision **Yes,** confirms the selection or programming.

+ The decision **No,** means continue.

Set or amend by pressing the ⊕ or ⊖ keys.

MENÜ − + OK
RES

RESET (only in case of 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.

MENU MENU MENU

02 04 03	
On	
6:00 *	

PROGRAM OK

NEW PROG
CHECK
CLEAR
END

+/−
OK

OK

DAT/TIME OK

YEAR
MONTH
DAY
HOUR
MINUTE
SUM/WIN
END

+/−
OK

OK

MANUAL OK

PIN
END

+/−
OK

OK

02 04 03	
On	
6:00 *	

Technical Data

TR 610 0 xxx **230V~** +/- 10% 50-60 Hz **240V~** +6%-14% 50-60 Hz	**16**(10)**A** 250 V~ min. 100 mA 24V AC/ DC	Degree of protection II EN 60730 IP 20 EN 60529	2300W	9 x 7 W 7 x 11 W 7 x 15 W 7 x 20 W 7 x 23 W	400 W (42μF)
TR 610 1 xxx **120V~** +/- 10% 50-60 Hz	Type 1 BSTU IEC/EN 60730-2-7	224 memory locations	AgSnO₂ μ	2300W	1000 W

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, they occupy just **one** memory location, e.g. Monday – Friday 7.30 hrs ON.
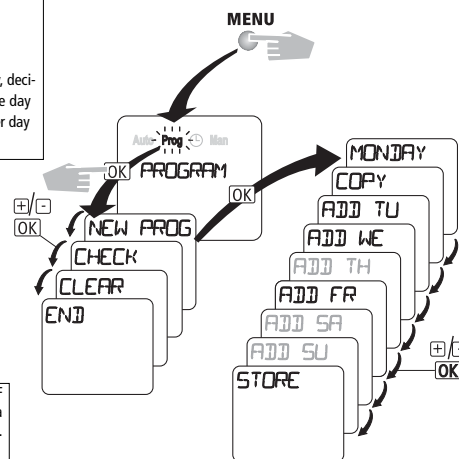**28** memory locations are available.

Group formation

In answer to the text question Copy, decide by pressing the [OK] key that the day program should be copied to another day of the week.

MENU

Auto **Prog** Man

[OK] PROGRAM [OK]

[+]/[-]
[OK]

NEW PROG
CHECK
CLEAR
END

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

[+]/[-]
[OK]

When programming an ON and OFF switching time, e.g. Monday 9 AM, a switch-off at 9 AM always has priority.

Program review

Following programming the timer makes a program review back to midnight and then sets the correct switching status.

Example

Example: Switching on the lighting of a sports hall on Mon., Tues., Thurs., Fri. from 7.30h until 12h.

Programming example

Select **Prog** by pressing the [MENU] key.
Store your selection by pressing the [OK] key.
Select **New** by pressing the ⊕ 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 this 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
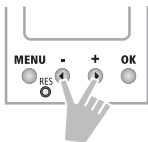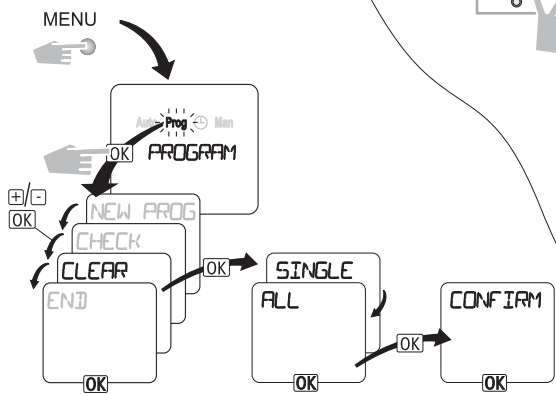
Store **COPY** by pressing [OK] .
Select weekday by pressing ⊕ or ⊖ .
Store by pressing [OK]
To leave out a day of the week, skip by pressing the ⊕ key.
Finally select the **STORE** display by pressing ⊕ .
Store your selection by pressing [OK] .

Override
Permanent ON or OFF
Via the automatic menu **Auto** only

Individual deletions

MENU

Auto **Prog** Man
OK PROGRAM

+/−
OK
NEW PROG
CHECK
CLEAR   OK   SINGLE
END   ALL   CONFIRM
OK   OK   OK

MENU - + OK
RES

Press the two keys for **approx. 1 s.**
Switches alternately ON or OFF.
Symbol appears.
Manual preselection is corrected again by
the stored program.

OVERRIDE

**Cancellation of manual
preselection/ permanent switching**
Briefly press the keys shown above.

Permanent ON or OFF
Press both keys for **approx. 2 s.**
Symbol ON ● appears.
Press both keys for **approx. 2 s.**
Symbol OFF ● appears.

PERM ON
PERM OFF

**Cancellation of manual
preselection/ permanent switching**
Briefly press the keys shown above.

Setting/ correcting the date and time summer/winter time

Automatic summer/winter time correction

According to version the timer is pre-programmed ex-works complete with the changeover. 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 ⊖ .
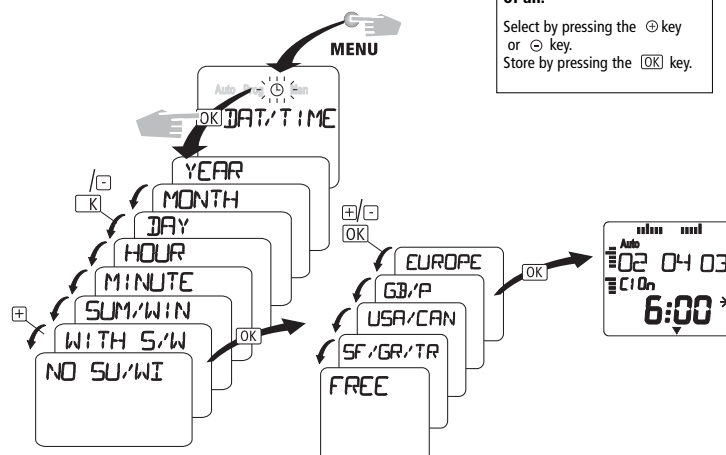Input month and weeks for sum/win. Store with OK .
E.g. Month = March
Week 4 = fourth week
Week 5 = last week in month
Note: In sum/win free Prog the time change is set automatically at sunday 2 AM.
Time change is not available.

Read the text display first of all.

Select by pressing the ⊕ key or ⊖ key.
Store by pressing the OK key.

DAT/TIME
YEAR
MONTH
DAY
HOUR
MINUTE
SUM/WIN
WITH S/W
NO SU/WI

EUROPE
GB/P
USA/CAN
SF/GR/TR
FREE

Auto
02 04 03
C1 On
6:00 *

PIN code

PIN

The device can be locked against unauthorized use with a 4 digit code number.

Select the **Manual** menu using ⊕ oder ⊖ .
Confirm with the OK button.

Selection WITH PIN

Select **WITH PIN** using ⊕ oder ⊖ **.**
Confirm with the OK button. Make note of any desired 4-digits number.
Select the first digit of your 4 digit code using ⊕ ⊖ **.**
Confirm the entered digit with OK .
Select further digits as described using ⊕ oder ⊖.
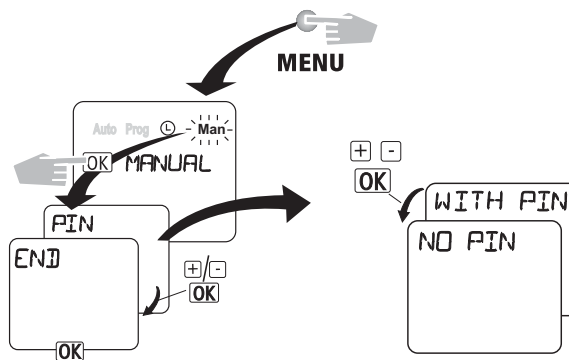Confirm each selected digit with the OK button.

The device is locked 90 sec. after the last keystroke and can only be operated after the correct PIN code is entered.

Selection WITHOUT PIN

Select **WITHOUT PIN** using ⊕ oder ⊖ **.**
Confirm with the OK button.

MENU

Auto Prog 🕒 -Man-

OK MANUAL

PIN

END

+/- OK

OK

+ -
OK

WITH PIN

NO PIN

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!