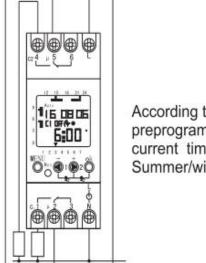
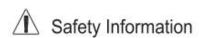
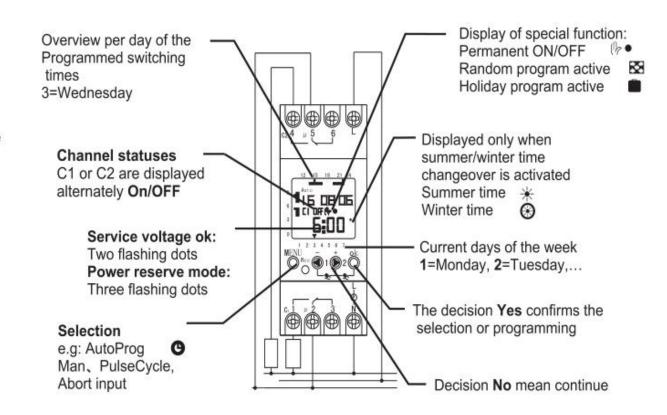
2 Channel Timer DNT2C16



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



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.



Common technical specifications

Rated voltage: 230-240v~+6%-10% Shortest switching time: 1 minute

Frequency:50-60Hz Display: LCD display with text line

Own consumption: max. 7.5 VA Operating control elements: 4 touch keys and

Contact: zero-potential, gap less than 3mm 1 reset key

Switching power: 16A, 250V~, cos =1; Power reserve: approx. 4 years with display with

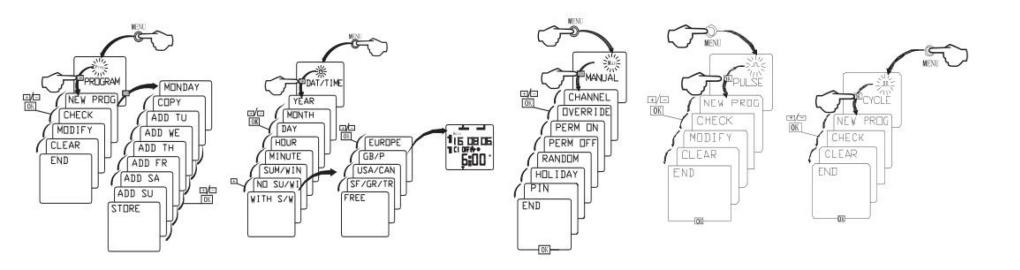
10A, 250V~, cos =0.6 full controllability(temp. 20) by means of an

Incandescent lamp load:2300 W environmentally friendly lithium battery

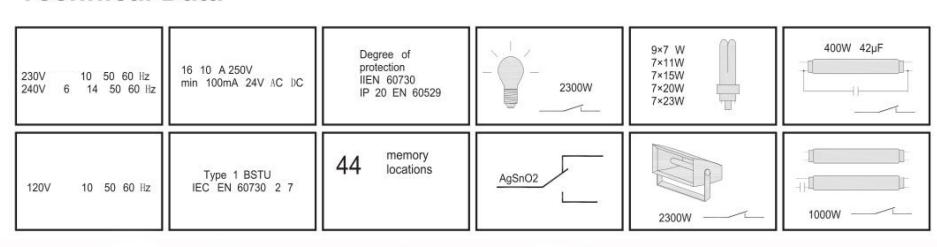
Halogen lamp load:2300 W Permissible ambient temperature:

Timing basic: quartz -10 50

Working precision: 1 sec./day at 20 Weight: approx.170 g



Technical Data



Summer/winter time Setting/correcting the date and time

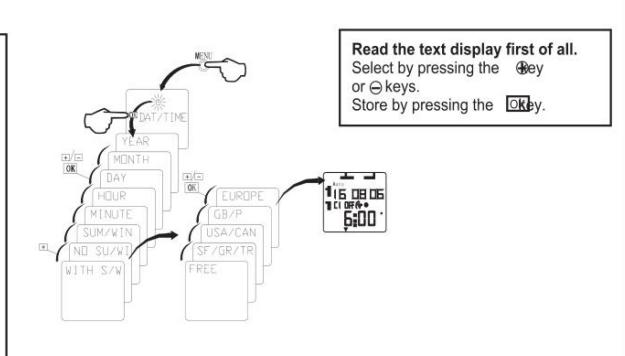
Automatic summer/winter time correction

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 For
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 Rey.

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.

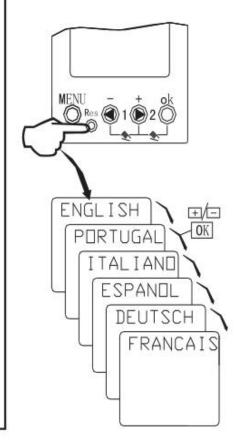
If the timer is not pre-programmed

First select your national language and then enter the actual date and time.

Activate the clock, Select the national language

By pressing the oth keys. select your national language.

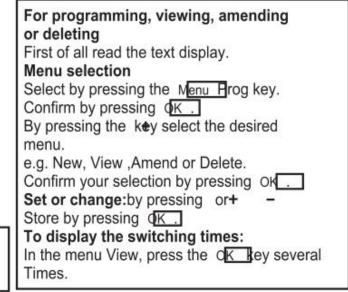
Store your selection by pressing the Ok key.



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

The decision No,means continue.

Set or amend by pressing the + or keys.



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.

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.

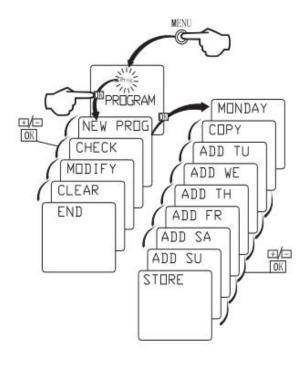
44 memory locations are available.

Group formation

In answer to text question Copy, decide by pressing the OK Key that the day program Should be copied to another day of the week.

The **Mixed programming** of switching ,pulse and cycle times is allowed.

When programming an ON and OFF switching time, e.g. Monday 9 AM, It is always the programme the last setting is excuted.



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 Menkey. Store your selection by pressing the onev. Select NEW by pressing + or -Store your selection by pressing the 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 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 Store by pressing OK To leave out a day of the week ,skip by pressing 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 outton.

Selection WITH PIN

Select WITH PIN using + or -

Confirm with the OK outton . Make note of any desired 4-digits number.

Select the first digit of your 4 digit code using.

Confirm the entered digit with OK

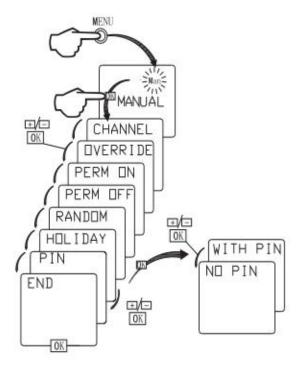
Select further digits as described using + or - Confirm each selected digit with the button.

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 -

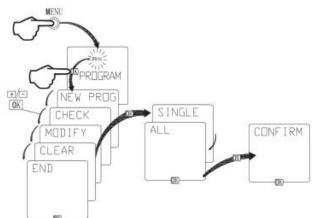
Confirm with the OKbutton.



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!

Individual deletions



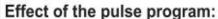
Override Permanent ON or OFF Via the automatic menu Auto only

	Channel C1	Channel C2
Press the two Key for approx. 1 s.	Manual preselection: Press keys simultaneously Channel C1 switches alternately ON orOFF. Symbol **ppears. Manual preselection is corrected again by the stored program.	Manual preselection: Press keys simultaneously Channel C2 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 Po OFF	Permanent ON OFF

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

Pulse program

e.g.:for breaktime signals, ventilation systems, flushing systems, bell controls etc.



The pulse time can be set within the range 1 to 59 seconds.

Symbol **I**flashes as long as the pulse program is active.

Switch-off delay Program:

7.00 until 17.30 and pulse at 17.30 h pulse ON, duration 15 s Example: Switch off at 17.30 h 15s

Always read the text display first of all. You will be provided with programming help. Confirm your selection by pressing the OKkey.

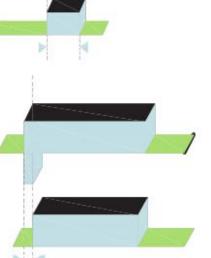
Switch-on delay

Example:

Switch-on at 7.00 h 15 s

Program

To switch on from 7.00 h until 17.30 h and pulse, OFF at 7.00 h pulse duration 15 s



info

Viewing the pulse times

Only possible in the menu PULSE.

Day group formation

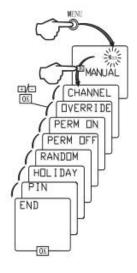
If the same pulse switching times are effective on several days of the week, they occupy one pulse memory location only, e.g.: Mon, Tues, Fri, pulse time 7.30 h. 44 memory location are for pulse programming.

Permanent ON or OFF Random or Holiday program

Effect of the random program:

The random program causes the timer to switch between programmed pairs of switches (ON and OFF). The random on and off times range between approx.10 mins. and 120 min. The random time always begins with OFF.

Symbol **⊠**flashes when the random program is effective.



Read the text display first of all

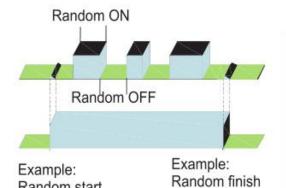
In the menu Man, select by pressing the + or - key the function manual, permanent, random or holiday.

Confirm your selection by pressing the OK Key.

To cancel a function:

Select the function clear.

Store your selection by pressing



6.00 h OFF

Random start

19.30 h ON

Effect of the holiday program: The holiday program has the effect that the timer does not switch on the connected consumer unit between the programmed start and finish (stipulation of year, month, day). Start and finish of the program of the program is always midnight on the day that is programmed.

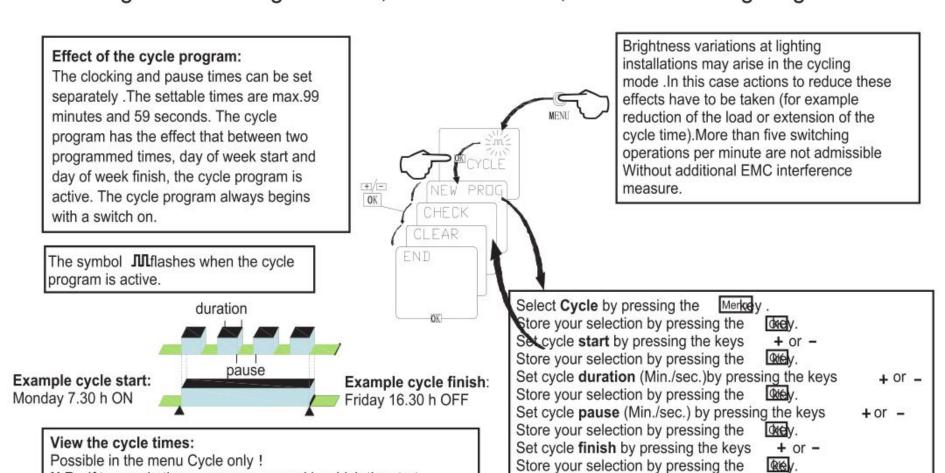
Example:25.3.national holiday.

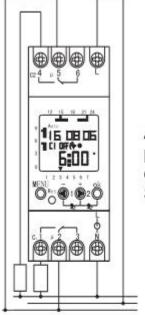
Programming: start 25.3.finish 25.3.

If the holiday program is active, the corresponding channel and holiday symbol are displayed flashing on the automatic menu.

Cycle program

Cyclically recurring time functions within the scope of a timer, e.g. slow flashing indicator, water treatment, advertisement lighting.





first that is executed.

Dimension drawings

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

N.B.: If two cycle times are programmed in which the start and finish times overlap, it is always the cycle time that starts



Safety Information

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