

⚠ Safety notes



This product should preferably be installed by a qualified electrician. Non-compliance may result in a fire hazard or electric shocks. Before installation, read the operating instructions and observe the product-specific requirements for the installation location. Use only original spare parts for repair and maintenance. All products may be opened and repaired only by specially trained personnel. Unauthorised opening and repair by other persons will invalidate all claims for liability, replacement or warranty services. The device contains a LiMnO₂ primary cell. When the product reaches the end of its life, this cell must be correctly removed and disposed of in accordance with national legislation and the requirements of environmental protection.

Overview of programmed switching times for the week. Resolution 0.5h

Function

Receptacle for data key

Switch status

Day, Time, Date

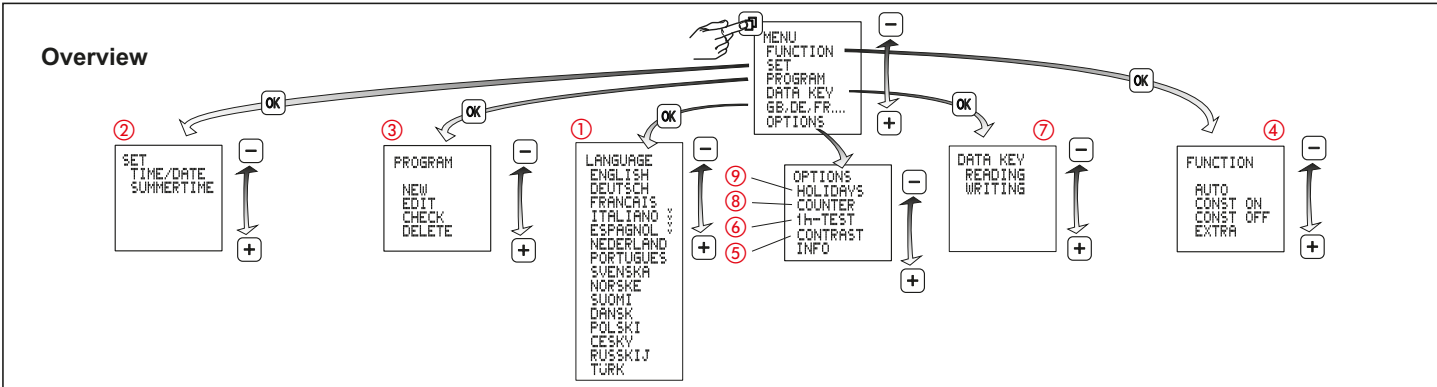
4000W	2000VA	600W max. 70µF	2000W	1000W	2000VA	2000VA	2000VA

Operating principle: Type 1.B. S. T.
IEC/EN 60730-1, IEC/EN 60730-2-7
Montage: in distribution panel,
Degree of contamination: 2
Switch output, potential-free
Rated impulse voltage: 4 kV

General information

- **Start-up:** after applying the supply voltage, the time switch starts automatically with the last selected function. The relay position is set by the current program.
- **Battery backup**
 - Backlighting not active
 - Data key READ/WRITE only via the menu

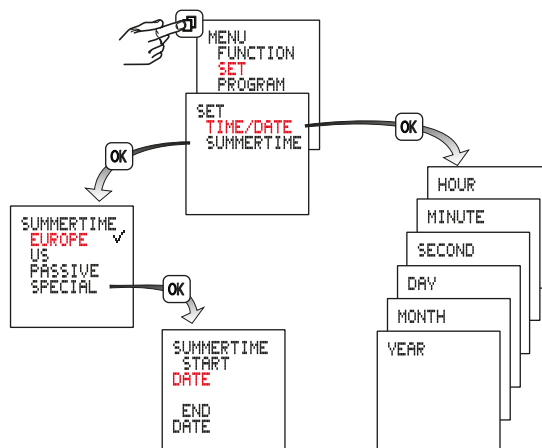
- Select menu, back to main menu, Hold down > 1s = operating display
- Confirm selection or load parameters
- Select menu options or set parameters



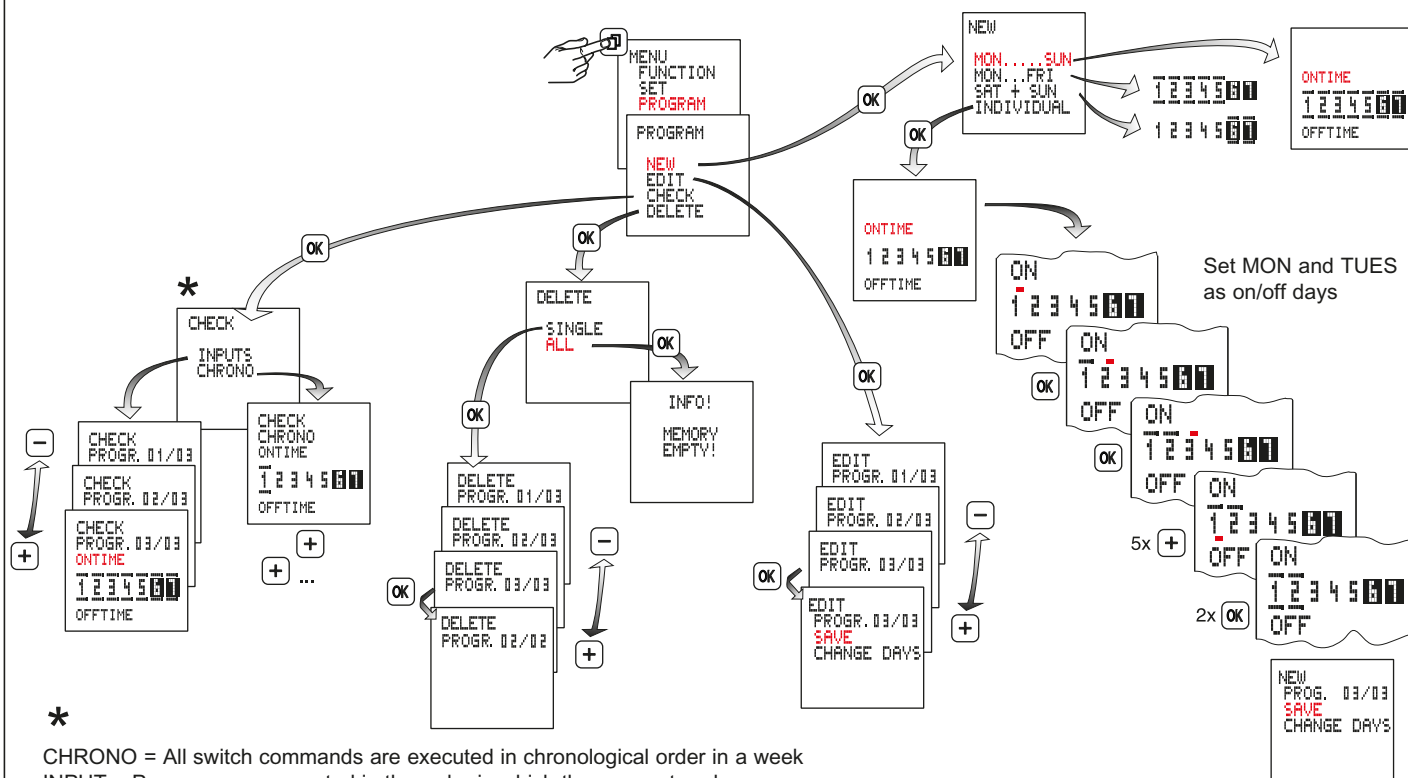
Technical data	
Supply voltage:	230 V 50/60 Hz
Effective power consumption:	Approx. 1 W
Contact rating:	1 changeover contact 16 A 250 V~µ cos φ = 1
Parallel compensation:	600 W max. 70µF
Accuracy:	~ 0,3 s / day
Terminal capacity:	single strand 1,5...4 mm² multi strand 1,5...2,5 mm²
Programmes :	56
Battery reserve:	5 years
Storage ambient:	-20 °C to +60 °C
Working ambient:	-20 °C to +55 °C
IP:	20

1 Set language

summertime can be freely programmed by entering a start date and end date and is then executed each year on the same day of the week, e.g. Sunday

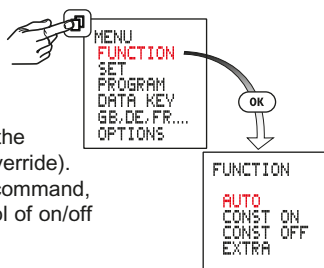


The programs of a channel are combined with a logical OR.

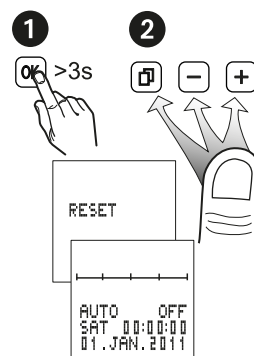


CHRONO = All switch commands are executed in chronological order in a week
INPUT = Programs are executed in the order in which they are entered

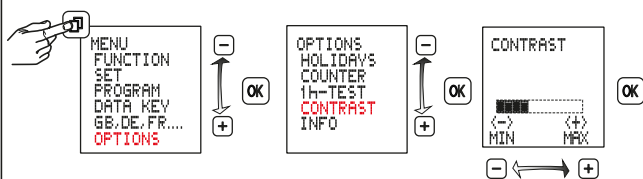
The switch status imposed by the program is inverted (manual override). With the next effective switch command, the time switch resumes control of on/off switching.



Hold down for more than 3 seconds and at the same time press and release . The language, time, date, summertime/winter-time and switching times will have to be re-entered.

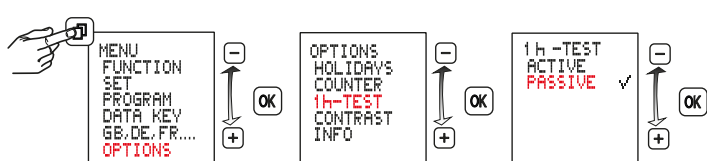


5 Contrast adjustment



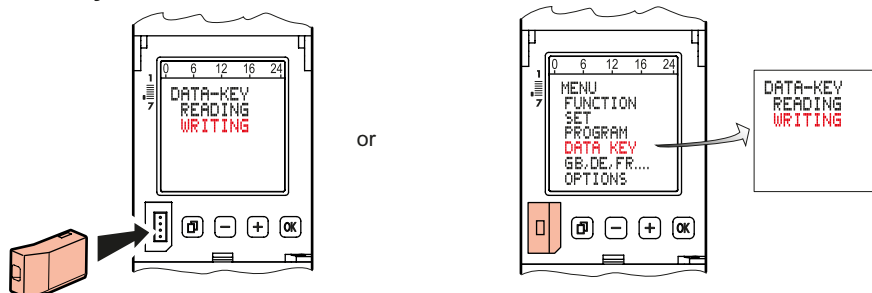
6 1 h-Test

When this function is activated, the output is switched on for one hour.



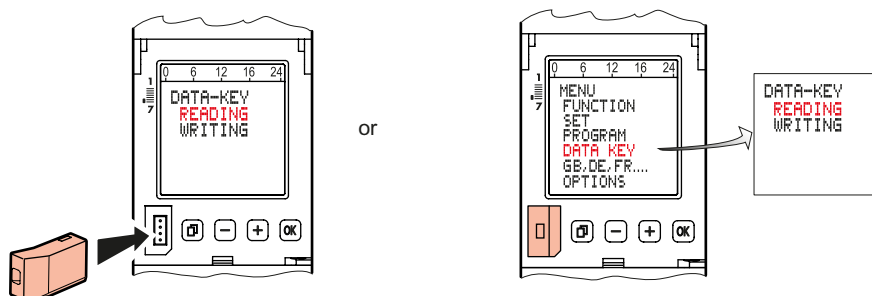
After one hour, the time switch returns automatically to the programmed mode.

7 Data key



Load the programs of the time switch on to a data key (WRITE KEY)

Warning! all programs stored on the data key will be overwritten.

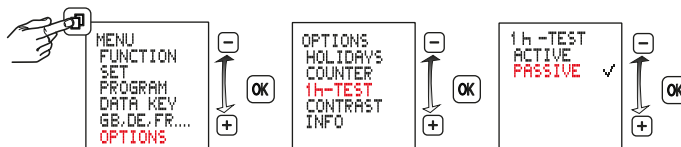


Load the programs from the data key to the time switch (READ KEY)

Warning! all programs programmed in the time switch will be overwritten.

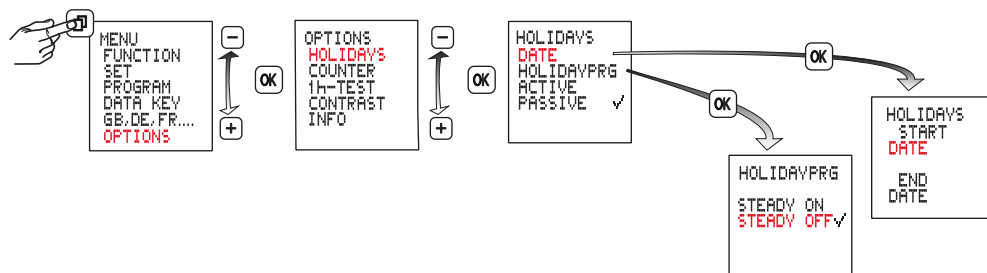
8 Hour counter

Displays the total relay ON time, (0 to 65535 h) and the date of the last reset.



9 Holiday

After activation the holiday program is executed between 0:00h on the start date and 24:00h on the end date (Constant ON/OFF). After the holiday program has run once, it must be reactivated.



Warning: Elektrical shock - Disconnect all power from the device before dismantling the module and replacing the battery. Always use a Li cell type battery (LiMnO₂) CR2477, 3V high temperature type min +85 °C

