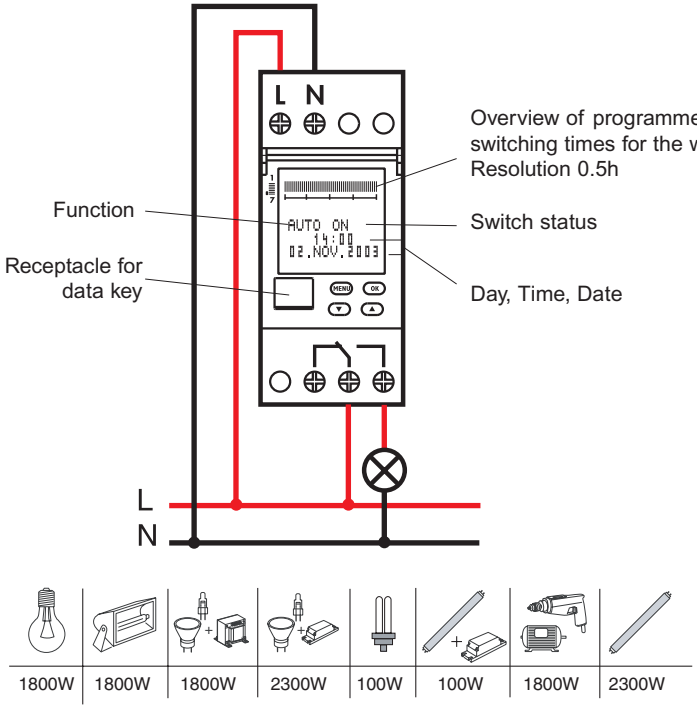
SIEMENS

7LF4 4210
7LF4 4211
7LF4 4212

GB

Safety notes

This product may be installed only 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. Unauthorised opening and repair by other persons will invalidate all claims for liability, replacement or warranty services.

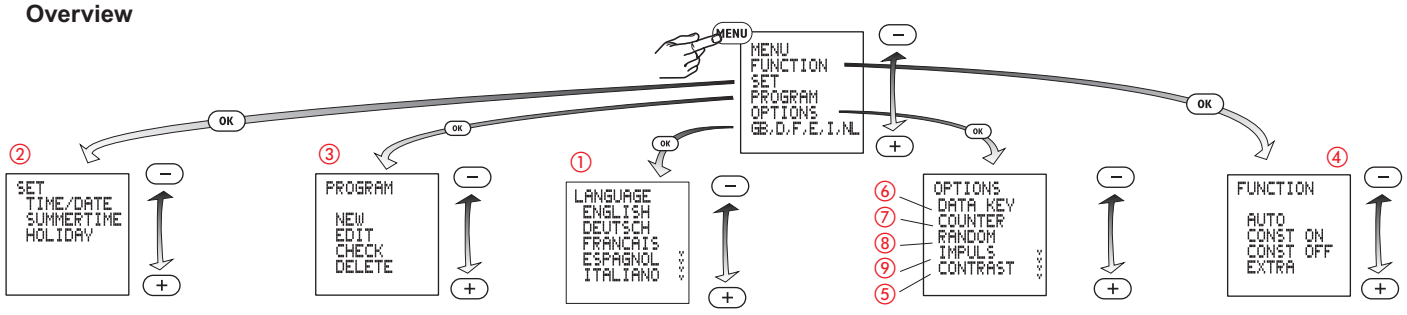


General information

- 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.

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

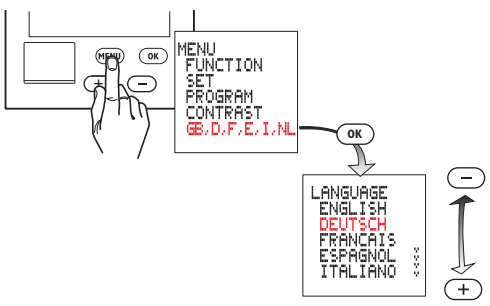
Overview



Technical data

	7LF4 4210	7LF4 4211	7LF4 4212
Supply voltage:	230V 50/60Hz	120V 50/60Hz	24V AC/DC ±10%
Effective power consumption:	Approx. 1 W		
Contact rating:	1 changeover contact 16A 250V~μ cos φ = 1		
Parallel compensation:	60VA max. 7μF		
Accuracy:	± 0,2 s / day under typical installation conditions		
	single strand	multi strand	
Terminal capacity:	1,5...4 mm²	1,5...2,5 mm²	
Programmes :	56		
Pulse start times:	84 (only if pulse function is activated)		
Pulse duration:	1s … 59min 59s		
Battery reserve:	6 years		
Storage ambient:	-20°C to +60°C		
Working ambient:	-20°C to +55°C		

1 Set language



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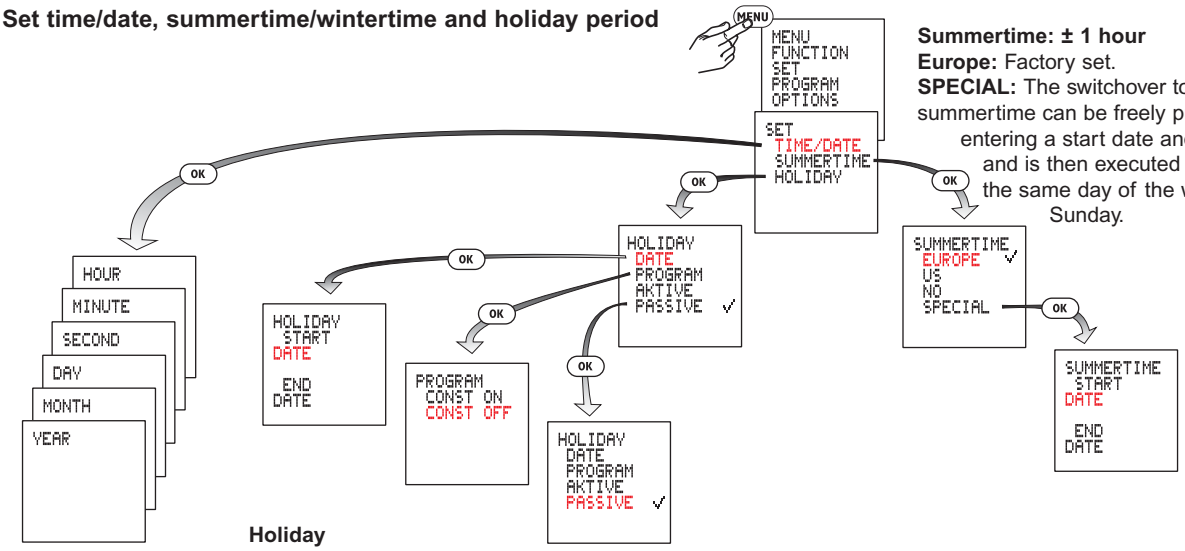
2 Set time/date, summertime/wintertime and holiday period

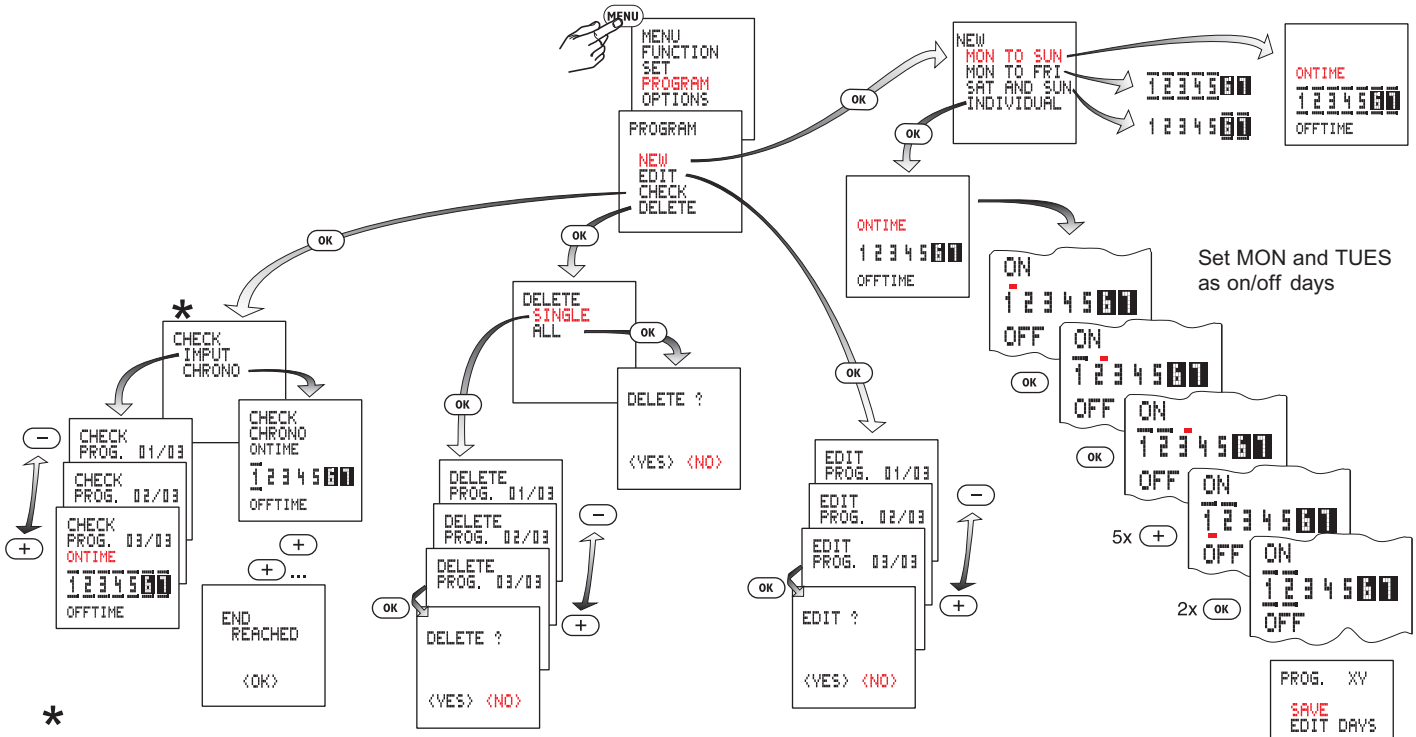


Summertime: ± 1 hour
Europe: Factory set.
SPECIAL: The switchover to/from summertime can be freely programmed by entering a start date and end date and is then executed each year on the same day of the week, e.g. Sunday.

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.

3 Programming

A program consists of an ON time, OFF time and associated ON and OFF days.
Programs with predefined on/off days (Mon to Sun, Mon to Fri and Sat and Sun): for these programs, you only need to set the switching times.
With the "INDIVIDUAL" option, you can allocate switching times to specific days of your choice.
The programs of a channel are linked to one another by logical OR.

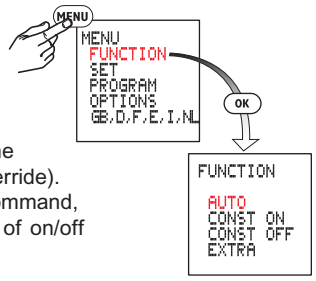


*
CHRONO = All switch commands are executed in chronological order in a week
INPUT = Programs are executed in the order in which they are entered

4 Modes

- **Auto** - Automatic operation
- **Constant ON**
- **Constant OFF**
- **Extra**

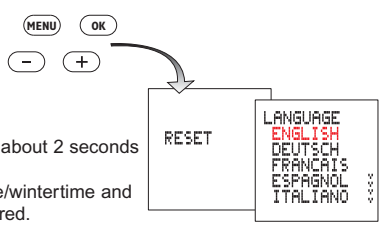
The switch status imposed by the program is inverted (manual override). With the next effective switch command, the time switch resumes control of on/off switching.



Reset

Warning!
The memory will be cleared, and all set data will be lost.

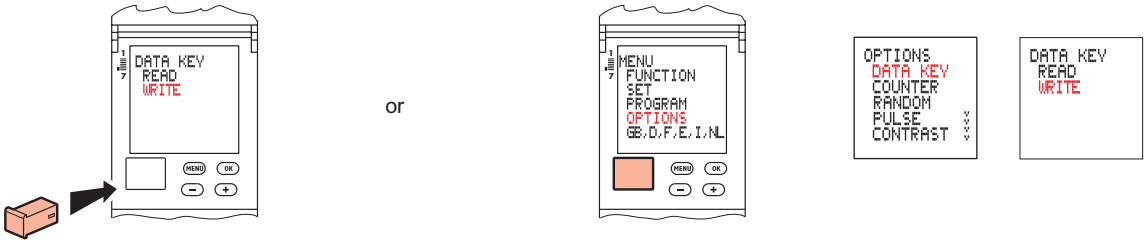
Hold down all keys simultaneously for about 2 seconds and release.
The language, time, date, summertime/wintertime and switching times will have to be re-entered.



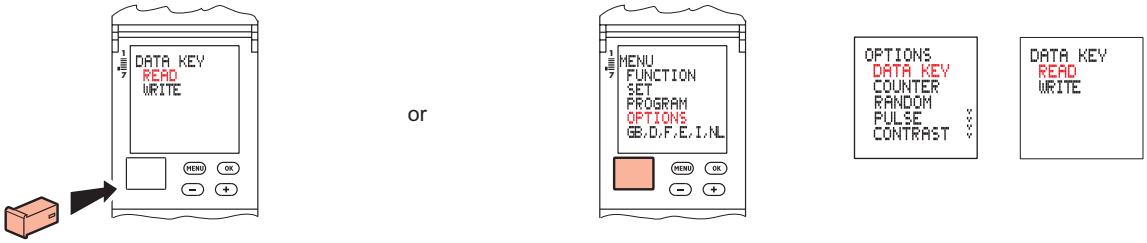
Additional function descriptions are provided on the attached sheet.

5 Contrast adjustment

6 Data key



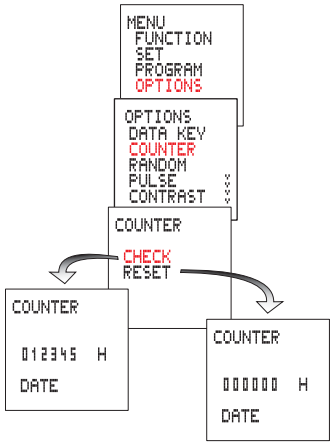
Load the programs of the time switch on to a data key (WRITE KEY)
Warning! all programs already existing on the data key will be overwritten.



Load the programs from the data key to the time switch (READ KEY)
Warning! all programs already programmed in the time switch will be overwritten.

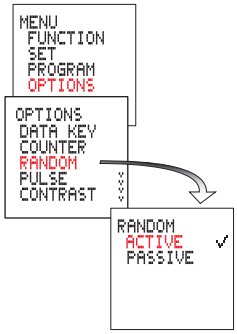
7 Hour counter

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



8 Random function

Function active: the programmed switching cycles are shifted at random within the range of ± 30 minutes.



9 Activating the pulse function

Pulses are also started during power failures. Aafter the power has been restored they are output for the remaining running time. Overlapping pulses restart the pulse start time. When switching from PASSIVE to ACTIVE, the program memory is cleared.

① Activating the pulse function

② Pulse duration

③ Pulse start time activation