

## Digital day time switch 7LF4 1.

(WA-EKF 3161/05.96/S:MMS/D:Str./80.10.0754.7)

7LF4 110      230 V AC      1 channel      without special functions

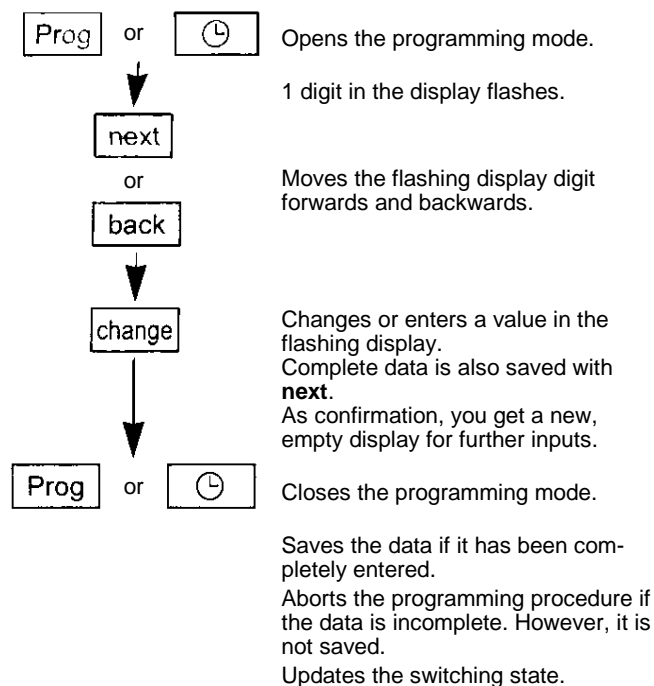
## Digital week time switch 7LF4 1.

7LF4 111	230 V AC	1 channel	
7LF4 112	24 V AC/DC	1 channel	without special functions
7LF4 113	12 V AC/DC	1 channel	
7LF4 114	230 V AC	1 channel	with special functions
7LF4 120	230 V AC	2 channel	without special functions
7LF4 121	230 V AC	2 channel	with special functions

### Operator guidance – step-wise, self-explanatory

If you are not yet familiar with the display and functions of the time switch, please first read the section Point 8.

Data is entered in dialog with the timeswitch and runs as shown in the example:

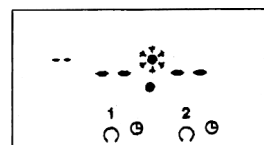
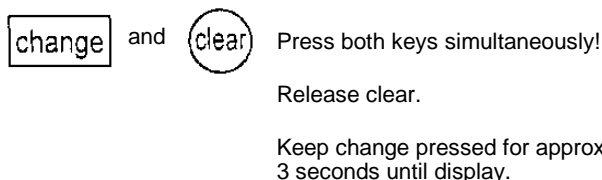


### Contents

- Reset, general
- Read, change, delete
- Current time (date and time)
- Programming
- Manual switch functions
- Special functions
- Summer time/winter time switchover
- Display/control elements
- Technical data

### 1 Reset function

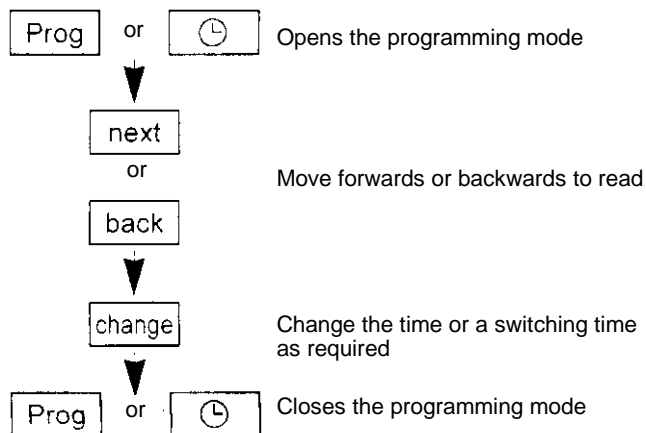
**Before putting into operation for the first time,** we recommend that you carry out a complete reset.



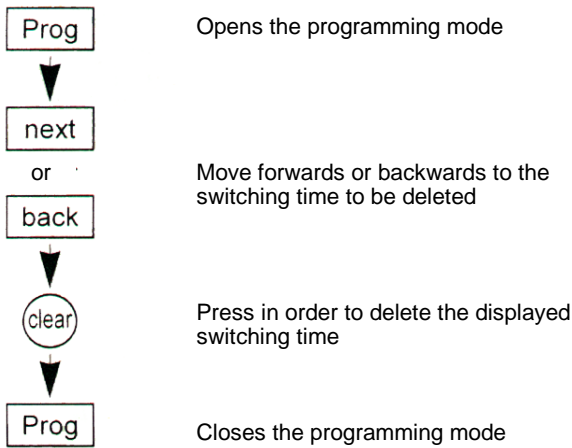
All data is irretrievably deleted with this operation!

### 2 Read, change, delete

#### 2a Read, Change



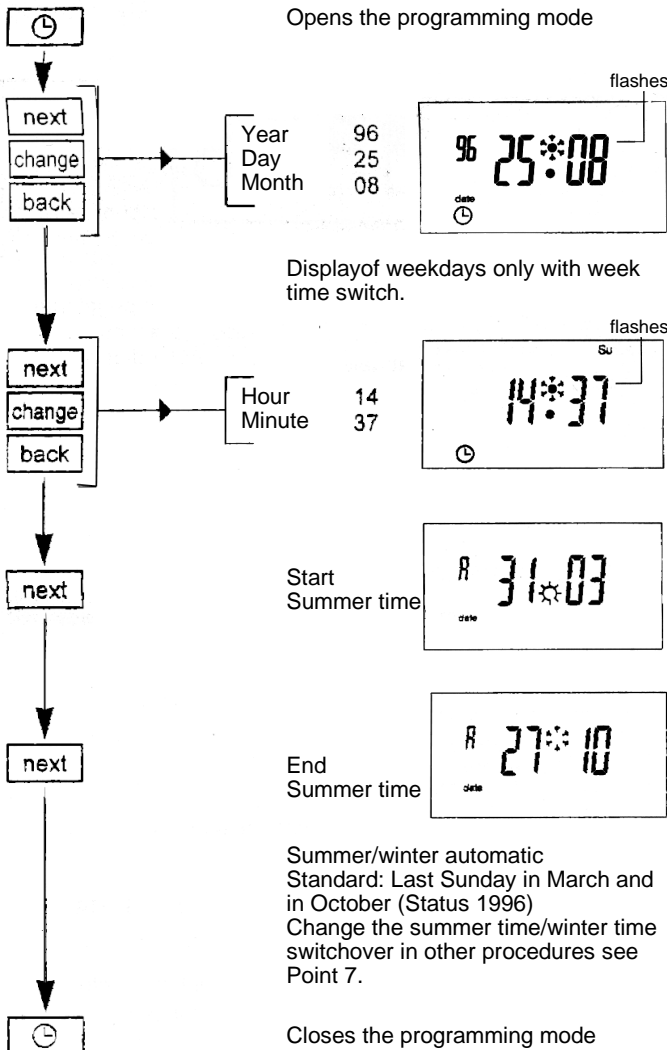
### 2b Delete Prog



### 3 Current time (year, day, month, hour and minute)

These inputs **must** be entered so that the time switch can execute the switching commands correctly.

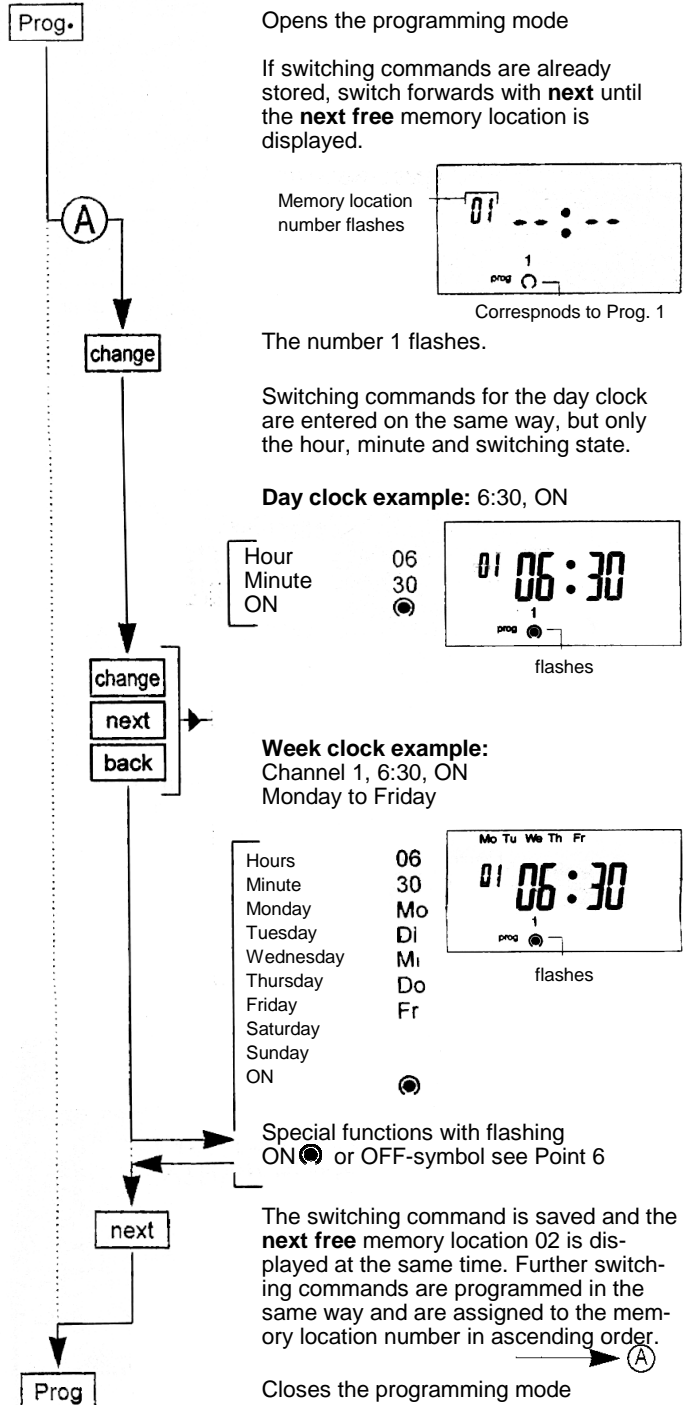
**Example:** 25.08.96,14:37



The colon between the digits flashes every second. The day of the week is calculated and the summer time identifier is displayed.

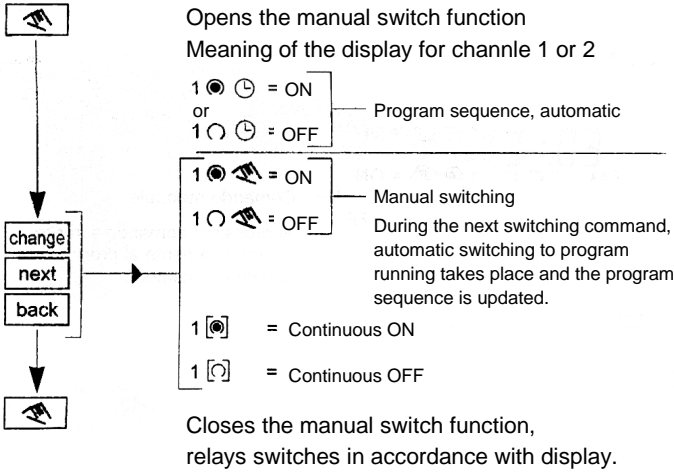
### 4 Programming

A separate switching program can be stored for every channel/switching output. Prog 1; Prog 2



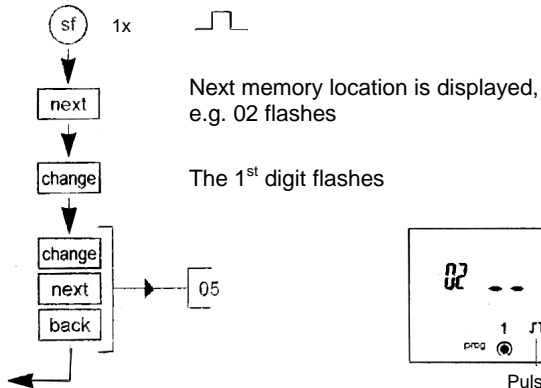
## 5 Manual switch function

The current switching state for **each channel** is influenced **separately** with . Use of the manual switch does not change any of the data saved in "4 Programming".

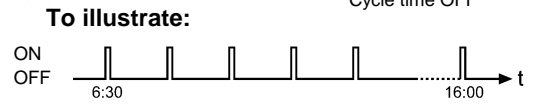
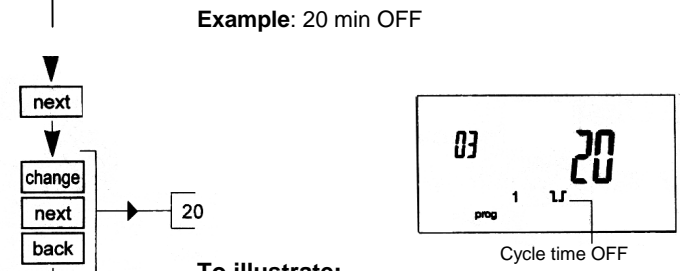
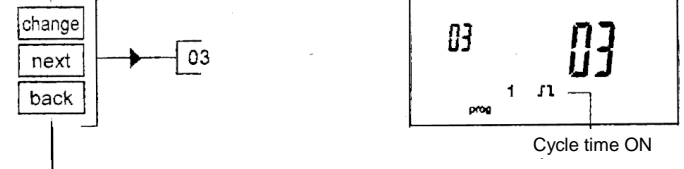
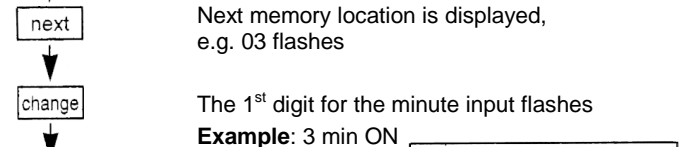
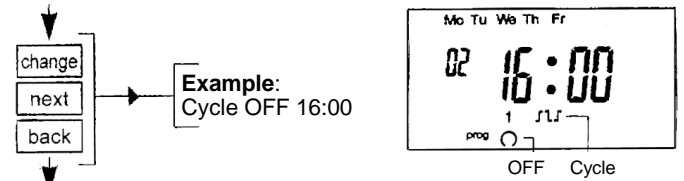
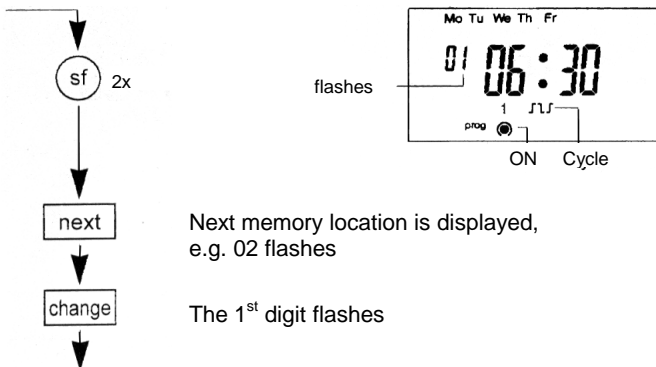


## 6 Special functions only Type 7LF4 114 and 7LF4 121

= Pulse switching commands, from 1 to 59 sec. (**only** as ON function) e. g. 5 seconds

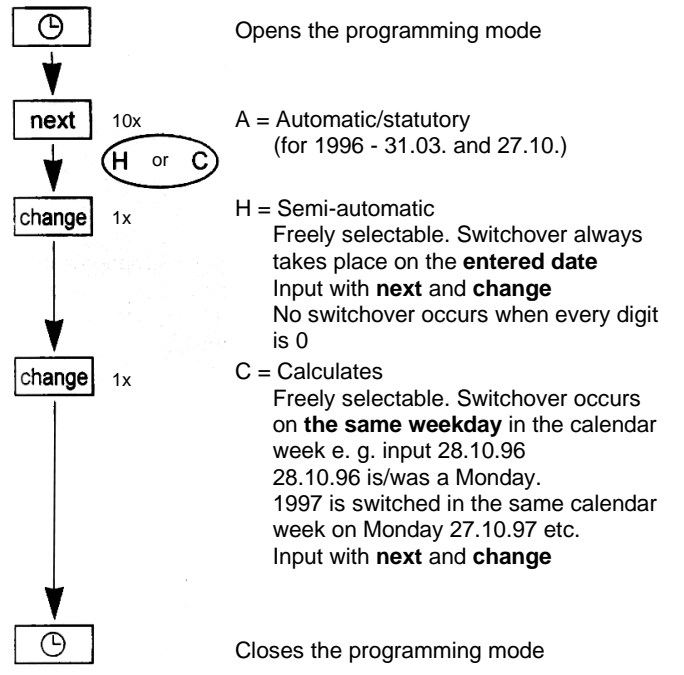


= Cycle switching commands can be activated for a particular time. Start and end = ON and OFF command. Cycle duration ON = and cycle duration OFF = are selectable from 1 to 99 minutes.



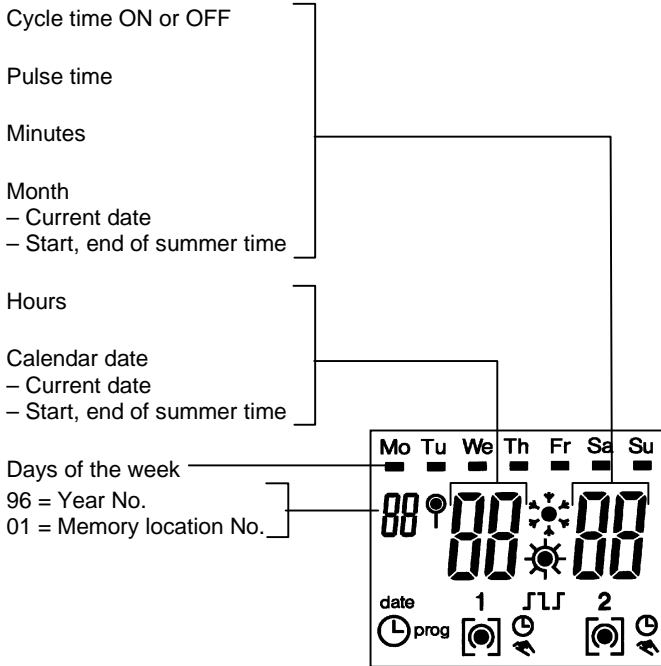
Switching off takes place at the cycle end 16:00.

## 7 Summer time/winter time switchover

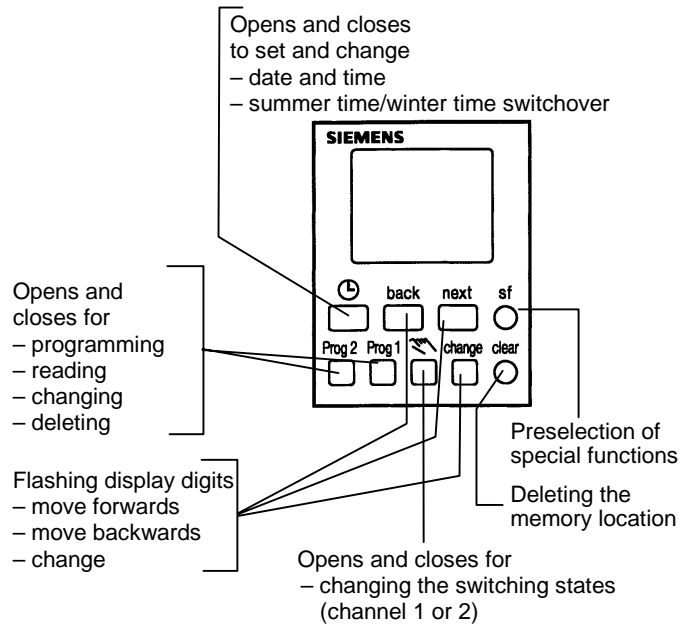


## 8 Display and control elements

### Assignment – function of the digits and symbols



### Control elements

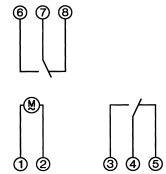


### Assignment – function of the symbols

	+ date	Input, change, current date
	date	Input, change, current time
	date	Input, change, summer time/winter time switchover
		Summer time period
		Winter time period
		Flashes in clock mode
		Input, Change, Read, switching times
		Switching state OFF
		Switching state ON
		Pulse function - <b>only</b> ON commands
		Cycle switching times ON and OFF
		Cycle duration ON
		Cycle duration OFF

## 9 Technical data/connection

- Connection
- Switching capacity
- Ambient temperature
- Running reserve see unit imprint



- Charging duration > 24 h
- Protection class II
- Running accuracy typically  $\pm 1$  s/day
- Switching output 1 or 2 changeover contacts, potential-free
- Memory location 12 Type 7LF4 110, 28 Type 7LF4 111, 112, 113, 114, 42 Type 7LF4 120, 121
- occupied, display FULL
- Days of the week free block formation, only week time switches front glass
- Sealable

No switching commands may be programmed between 2:00 and 3:00 on the dates of summer time/winter time changeover in the spring and fall.