

**SIMPLEXA 601** 601 0 001 / 601 1 001  
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Installation and operating instructions  
 Clock Operated Switch

## 1. Basic safety instructions

**WARNING**  
 Danger of death through electric shock or fire!  
 ➤ Installation should only be carried out by professional electrician.

- The device is designed for installation on DIN top hat rails (in accordance with IEC/EN 60715)
- Corresponds to type 1 B actions in accordance with IEC/EN 60730-1

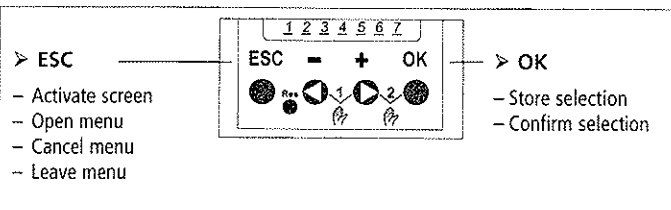
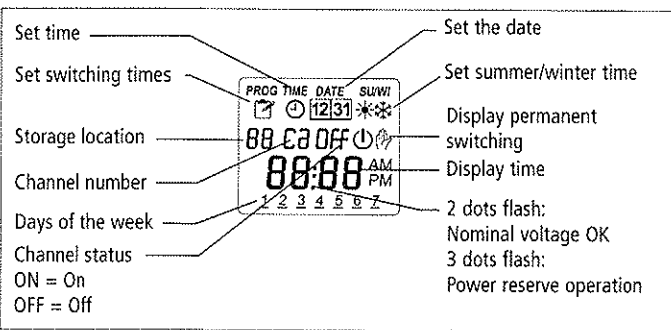
### Designated use

- The clock operated switch is used for lighting, ventilation, flushing etc. applications
- Only for use in closed, dry rooms.
- Do not use on safety devices, e.g. escape route doors, fire safety equipment etc.

### Disposal

Dispose of device in environmentally sound manner

## 2. Screen and keys



### RESET/complete deletion

- Press reset button.

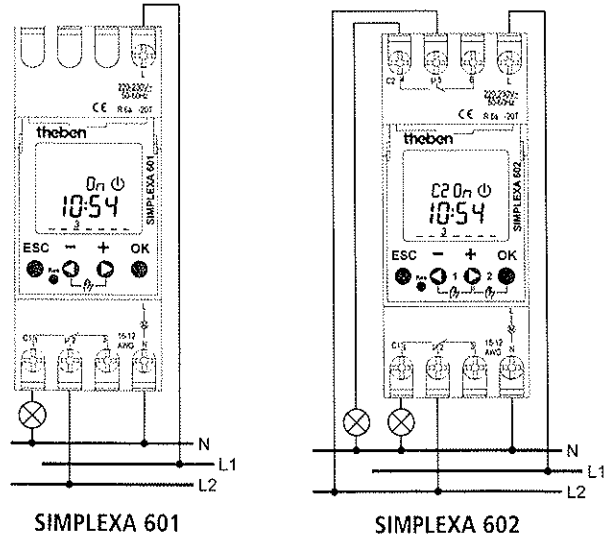
**!** All data is deleted after a reset and the device is returned to factory settings (not preset).

## 3. Connection/installation

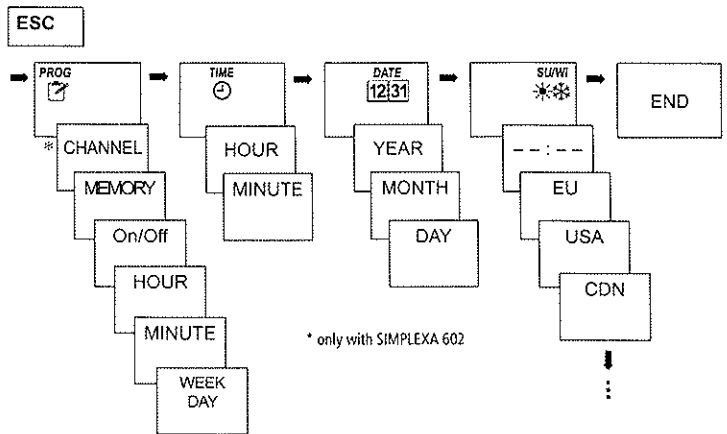
**WARNING**

**!** Warning, danger of death through electric shock!

- Disconnect power source.
- Cover or shield any adjacent live components.
- Ensure device cannot be switched on!
- Check power supply is disconnected.
- Earth and bypass.



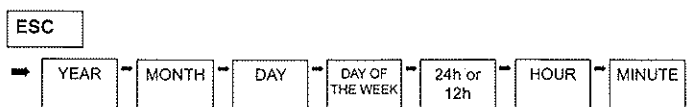
## 4. Overview of menu selection



## 5. Initial start-up

The device is not preset. Date, day of the week (1 ... 7), time format (12h AM/PM or 24 h) and time must be set.

- Press any button and follow on-screen instructions. (see fig.).

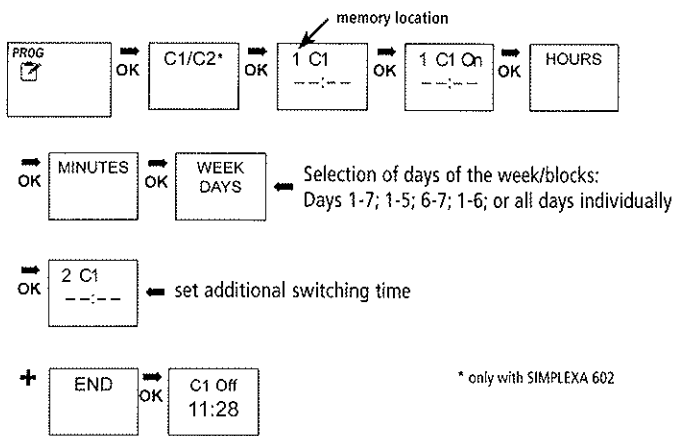


Select digit for day of the week: Presetting e.g.

Monday = 1; depending on country: Sunday = 1, Saturday = 1

## 6. Switching times

### 6.1 Set switching times



There are 28 available memory locations per channel.

### 6.2 Request switching times


➤ Request switching times by using + or – buttons.

### 6.3 Change /delete switching times

Change switching times:

- Confirm stored switching time by pressing the OK button.
- Press OK button again once, use + or – button to change hour/minute.
- Confirm with OK button.

Delete switching time:

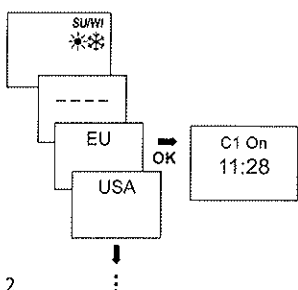
- Confirm stored switching time by pressing the OK button.
- Press + or – button; it appears 
- Confirm with OK button.

## 7. Summer/winter time

### 7.1 Set summer/winter time

- Press ESC button and using the + or – buttons select SU/WI menu.
- Press OK button and using the + or – buttons select the relevant rule (see table).

ESC



Summer/winter time rules	
----	no rule
EU	rule for the EU
USA	USA
CDN	Canada
IL	Israel
NZ	New Zealand
IRAN	Iran
FREE	free rule
DATE	fixed date

## 7.2 Set free rule (FREE)

### 1. Change to summer time


- Enter month, week in month (5 = last week), day of the week, changeover time consecutively

### 2. Change to winter time

- Enter month, week in month

## 8. Set manual permanent switching

The permanent switching (PERMANENT ON, PERMANENT OFF) can be selected for each channel via direct operation of buttons.

- **SIMPLEXA 601:** Press + and – buttons simultaneously (  appears)

**SIMPLEXA 602:** for C1: Press + and – buttons

for C2: Press + and OK buttons

- Press button continually until the required status is displayed (PERMANENT ON, PERMANENT OFF, no permanent switching).

## 9. Technical data

- Rated voltage: device: 230 V 220–230 V~ +10 %/-15 % device: 120 V 110–120 V~ +10 %/-15 %
- Frequency: 50–60 Hz 50–60 Hz
- Power consumption: typically 4,5 VA typically 3,0 VA
- Contact: floating floating
- Contact material: AgSnO<sub>2</sub> AgSnO<sub>2</sub>
- Switching capacity: 16 (6) A, 250 V~ 16 (6) A, 250 V~
- Power reserve: 3 years at 20 °C 3 years at 20 °C
- Accuracy: ≤ ±1 s/day at 20 °C ≤ ±1 s/day at 20 °C
- Incandescent lamp load: 1000 W 700 W
- Halogen lamp load: 1000 W 700 W
- Fluorescent lamp uncorrected: 1400 VA 700 VA series-corrected: 1400 VA 700 VA parallel-corrected: 220 VA (24µF) 110 VA (24µF)
- Compact fluorescent tubes: 13 x 7 W, 13 x 11 W, 10 x 15 W, 8 x 23 W 6 x 7 W, 6 x 11 W, 5 x 15 W, 4 x 23 W
- Permissible ambient-temperature: –20 °C ... +55 °C –20 °C ... +55 °C
- Protection class: II in accordance with IEC/EN 60730-1 with designated installation
- Degree of protection: IP 20 in accordance with IEC/EN 60529
- Degree of protection provided by enclosure: Open Type, Incorporated Control
- Operating time: continuous
- Pollution degree: 2

<b>Theben AG</b> Hohenbergstr. 32 72401 Haigerloch DEUTSCHLAND Fon +49 (0) 74 74/6 92-0 Fax +49 (0) 74 74/6 92-150	<b>Service</b> Fon +49 (0) 74 74/6 92-369 Fax +49 (0) 74 74/6 92-207 hotline@theben.de Addresses, telephone numbers etc. at www.theben.de
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