

Tempus Digital BZT28371, BZT28372

Installation and operating instructions

Digital Day/Week Timer 1 CO/2 CO

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

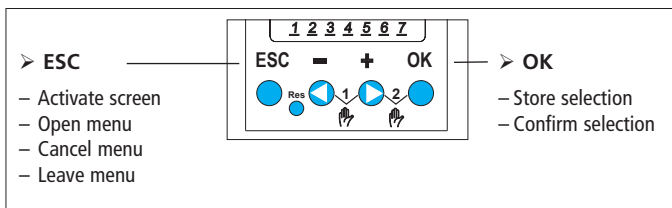
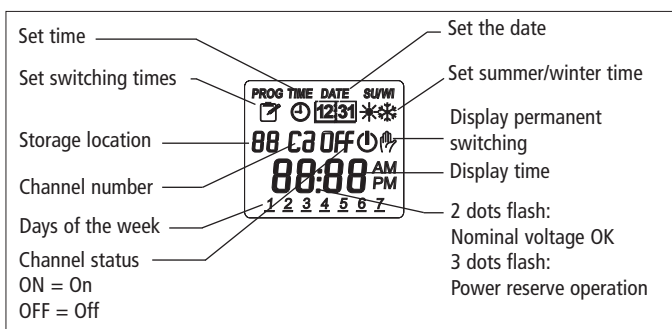
Designated use

- 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).

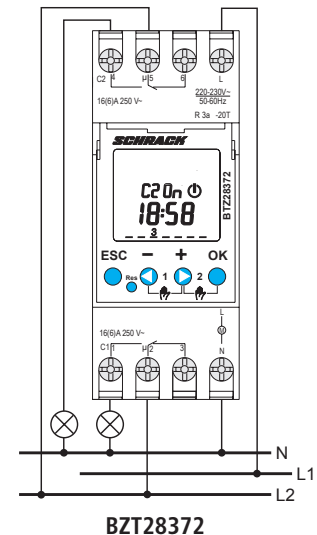
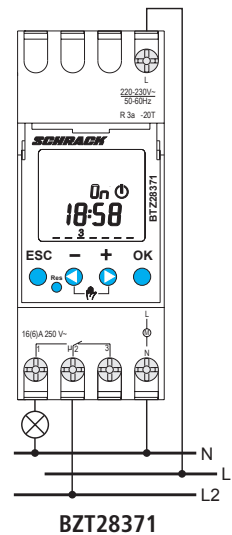
3. Connection/installation

WARNING

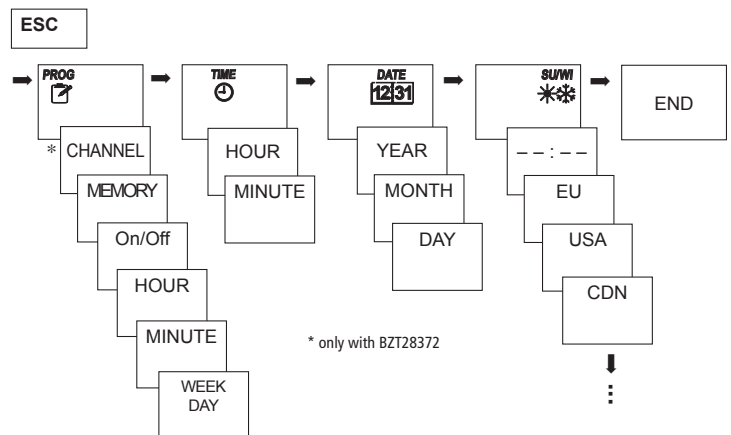


Warning, danger of death through electric shock!

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



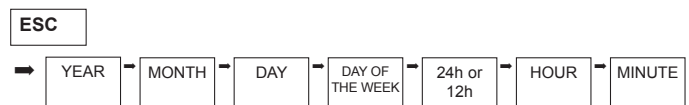
4. Overview of menu selection



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.).



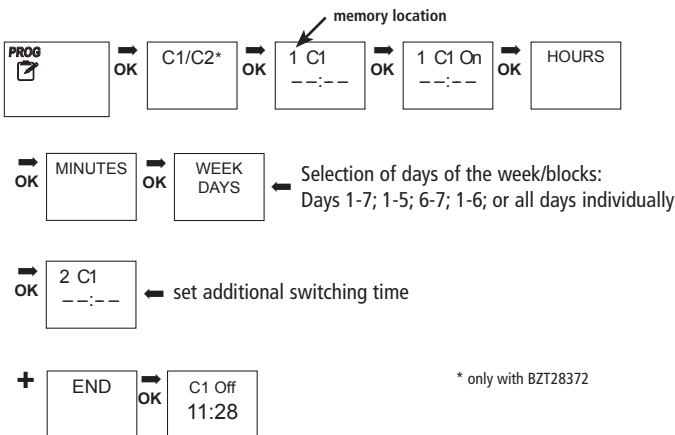
Select digit for day of the week: Presetting e.g.

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.

1 C1 On
--:--
1 2 3 4 5 6 7

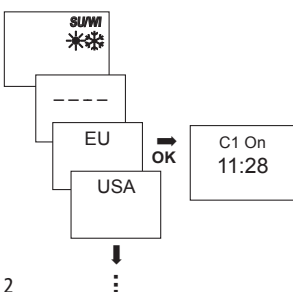
7. Summer/winter time



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.

- **BZT28371:** Press + and – buttons simultaneously (☞ appears)
- BZT28372:** 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: 220–230 V~
+10 %/-15 %
- Frequency: 50–60 Hz
- Power consumption: typically 4,5 VA
- Contact: floating
- Contact material: AgSnO₂
- Switching capacity: 16 (6) A, 250 V~
- Power reserve: 6 years at 20 °C
- Incandescent lamp load: 1400 W
- Halogen lamp load: 1400 W
- Fluorescent lamp uncorrected: 1400 VA
series-corrected: 1400 VA
parallel-corrected: 220 VA (24µF)
- Compact fluorescent tubes: 13 x 7 W, 13 x 11 W,
10 x 15 W, 8 x 23 W
- Permissible ambient-temperature: –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