

- ▶ Functions ON/OFF IMPULS, MANUAL
- ▶ Daily-, weekly- and yearly program
- ▶ Automatic summertime change over
- ▶ Unrestricted block-programming
- ▶ 102 memory locations
- ▶ DCF77 signal control optional
- ▶ Sealable
- ▶ 2 or 4 change-over contacts
- ▶ Width 71,5mm
- ▶ Installation design



Technical data

1. Functions

Automatic ON
 Automatic OFF
 Automatic pulse pulse length settable from 1 to 59s
 Permanently ON/OFF
 Manual override

2. Indicators

LC-Display

3. Time base

Crystal- or DCF77-signal control
 Power reserve: >10 years
 Crystal accuracy: $\pm 1.5s / day$

4. Mechanical design

Self-extinguishing plastic housing, IP rating IP40
 Mounted on DIN-Rail TS 35 according to EN 50022 or wall mounting
 Shockproof terminal connection according to VBG 4 (PZ1 required), IP rating IP20
 Tightening torque: max. 4Nm
 Terminal capacity:
 1 x 1.5mm² to 10mm² without multicore cable end
 2 x 0.8mm² to 2.5mm² without multicore cable end
 1 x 1.0mm² to 6mm² flexible with multicore cable end
 2 x 0.8mm² to 2.5mm² flexible with multicore cable end

5. Input circuit

Supply voltage: 230V AC terminals 4-5
 Tolerance: $\pm 10\%$
 Rated frequency: 50 to 60Hz
 Rated consumption: approx. 2VA

6. Output circuit

2 potential free change-over contacts TSC98.20
 3 potential free change-over contacts TSC98.40
 1 potential free normally open TSC98.40
 Switching capacity per channel: 2500VA (250V AC / 10A at $\cos\phi=1$)
 Shortest interval: 1min (resp. 1s for impulse)

7. Ambient conditions

Ambient temperature: -5 to +50°C
 Storage temperature: -5 to +50°C
 Transport temperature: -5 to +50°C
 Relative Humidity: <90%

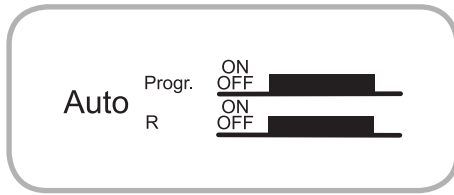
8. Accessories

Antennae for DCF77 signal on request.
 It is possible to connect up to 5 TSC98 to one DCF-antennae.

Functions

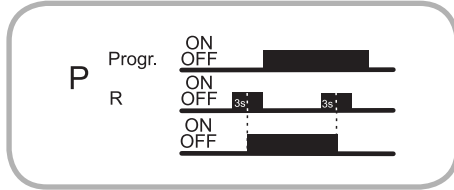
Auto

Setting of output relays according to the programmed parameters.



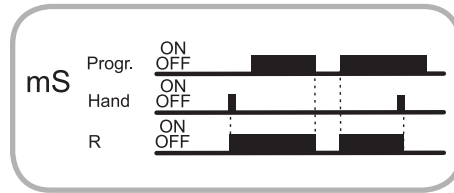
Permanently ON/OFF

With this function it is possible to fix any output relay in ON or OFF position independent to the set program parameters



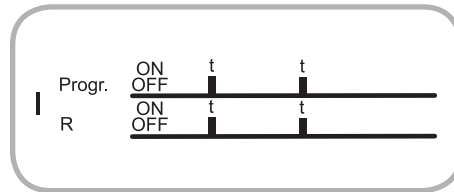
Manual override

This function forces the output relay to switch into the position given for the next program step instantaneously (even before the interval given for the actual program step has expired). The relay remains in this position until the next inverts control signal of the program occurs

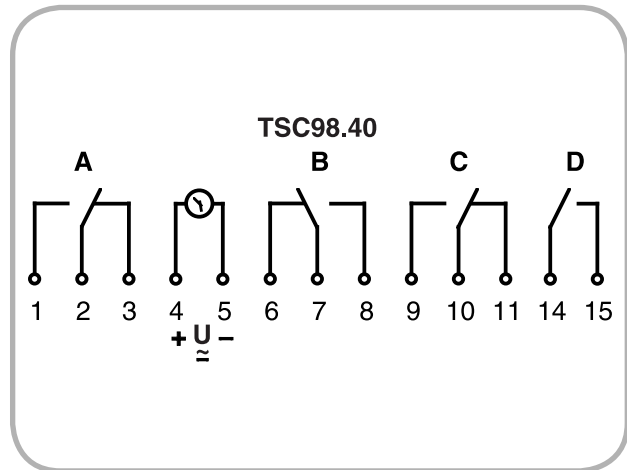
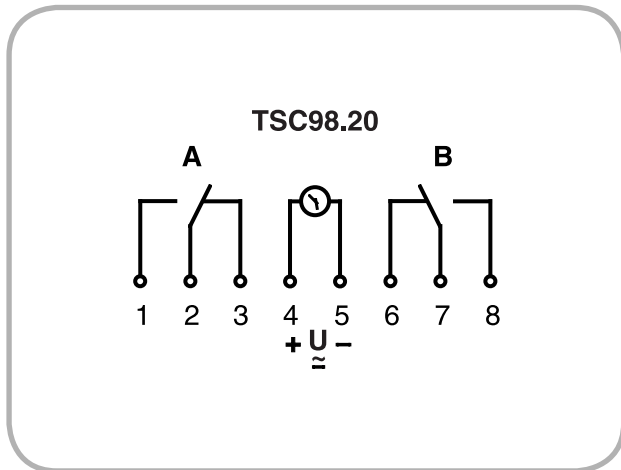


Impulse

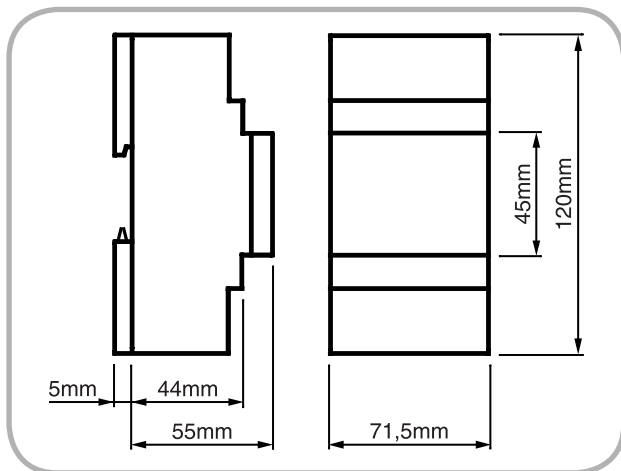
If an impulse is set at a given time the output relay switches into on-position for the set time period.



Connections



Dimensions



Subject to alterations and errors