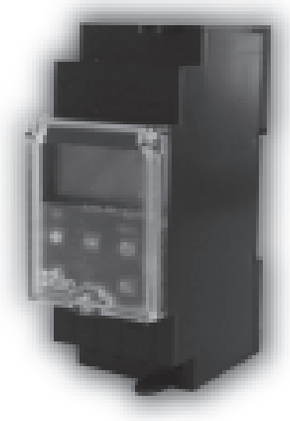
TSC18

- DIN-Rail or wall mounting
- Width 35.8mm
- 1 channel
- Auto ON/OFF
- Permanently ON/OFF
- Manual override
- Daily and weekly program
- 30 memory locations
- Unrestricted block-programming
- Automatic summertime change over
- Supply voltage independent programming
- Sealable front cover



Technical data

1. Functions
Auto Auto ON/OFF
P Permanently ON/OFF
mS Manual override

2. Indicators
LC-display

3. Time base
Crystal-controlled
Power reserve: >6 years
Crystal accuracy: ±1.5s / day

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

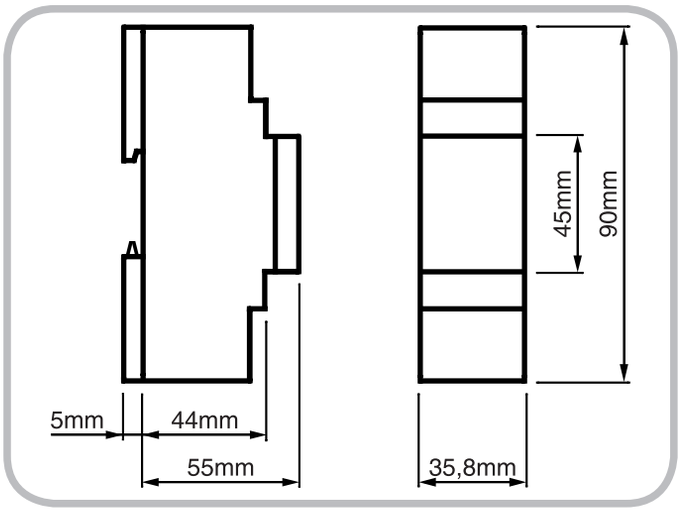
5. Input circuit
Supply voltage: 230V AC terminals 4-8
Tolerance: ±10%
Rated frequency: 50 to 60Hz
Rated consumption: approx. 1.5VA

6. Output circuit
1 normally open contact
Switching capacity: 4000VA (16A / 250V AC at cosφ=1)
Shortest interval: 1min

7. Ambient conditions
Ambient temperature: -5 to +50°C
Storage temperature: -5 to +50°C
Transport temperature: -5 to +50°C
Relative humidity: <90%

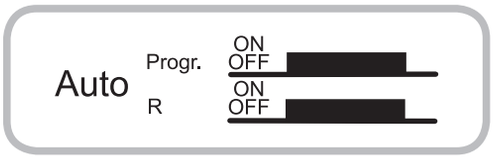
8. Accessories
KA-TSC28: sealable terminal cover

Dimensions

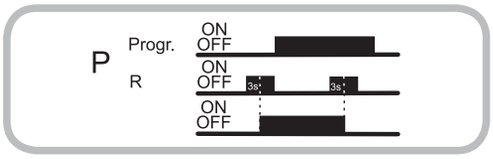


Functions

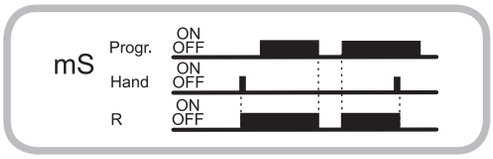
Auto ON/OFF
The output relay changes its state according to the control signals of the program.



Permanently ON/OFF
The output relay remains in the selected position and is not influenced by the control signals of the program.



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 control signal of the program occurs.



Connections