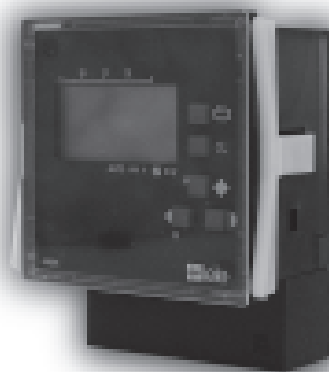


- ▶ Front panel or wall mounting
- ▶ Mounting aperture 68 x 68mm
- ▶ Width 72mm
- ▶ 1 channel
- ▶ ON, OFF or impulse function
- ▶ Permanently ON/OFF
- ▶ Manual override
- ▶ Daily and weekly program
- ▶ Unrestricted block-programming
- ▶ Automatic summertime change over
- ▶ Holiday program
- ▶ 30 memory locations



▶ Technical data

▶ 1. Functions

AUTO	Auto ON/OFF	
I	Impulse	fixed, 1s
P	Permanently ON/OFF	
mS	Manual override	

▶ 2. Indicators

LC-display, numeral height 7.5mm

▶ 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
 Front panel mounting (aperture 68 x 68mm) or
 wall mounting (terminal cover and retaining clip included)
 Shockproof terminal connection according to VBG 4,
 IP rating IP20
 Initial torque: max. 4Nm
 Terminal capacity:
 1 x 1.5 to 10mm² without multicore cable end
 2 x 0.8 to 2.5mm² without multicore cable end
 1 x 1.0 to 6mm² flexible with multicore cable end
 2 x 0.8 to 2.5mm² flexible with multicore cable end

▶ 5. Input circuit

Supply voltage:		
24V AC	terminals 4-5	(TSC44.12 24VAC)
115V AC	terminals 4-5	(TSC44.12 115VAC)
230V AC	terminals 4-5	(TSC44.12 230VAC)
Tolerance:		
24V AC	±10%	(TSC44.12 24VAC)
115V AC	±10%	(TSC44.12 115VAC)
230V AC	±10%	(TSC44.12 230VAC)
Rated frequency:	50 to 60Hz	
Rated consumption:		
24V AC	approx. 0.9VA	(TSC44.12 24VAC)
115V AC	approx. 2.8VA	(TSC44.12 115VAC)
230V AC	approx. 1.5VA	(TSC44.12 230VAC)

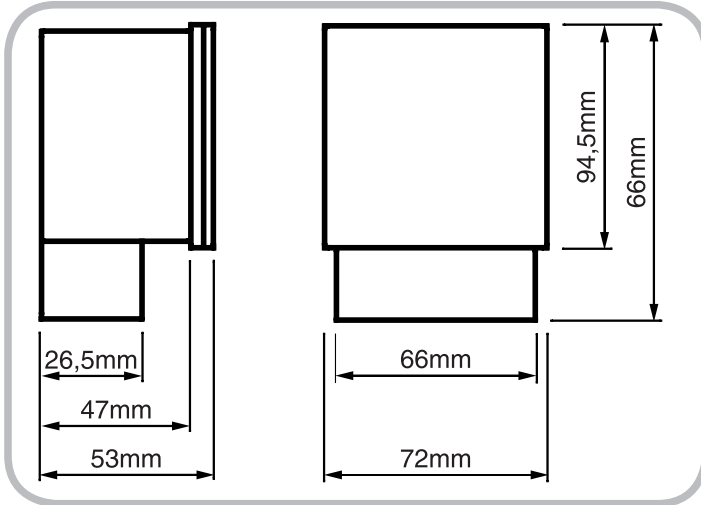
▶ 6. Output circuit

1 potential free change over contact
 Switching capacity: 4000VA (16A / 250V AC at cosφ=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%

Dimensions



Functions

Auto ON/OFF

The output relay changes its state according to the control signals of the program.



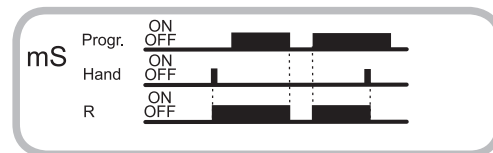
Permanently ON/OFF

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



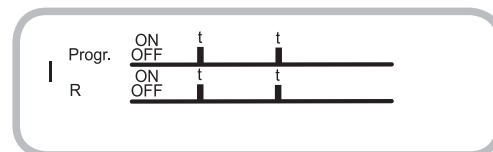
Manual override

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.



Impulse

If an impulse is set at a given time the output relay switches into on-position for the fixed time period (1s).



Connections

