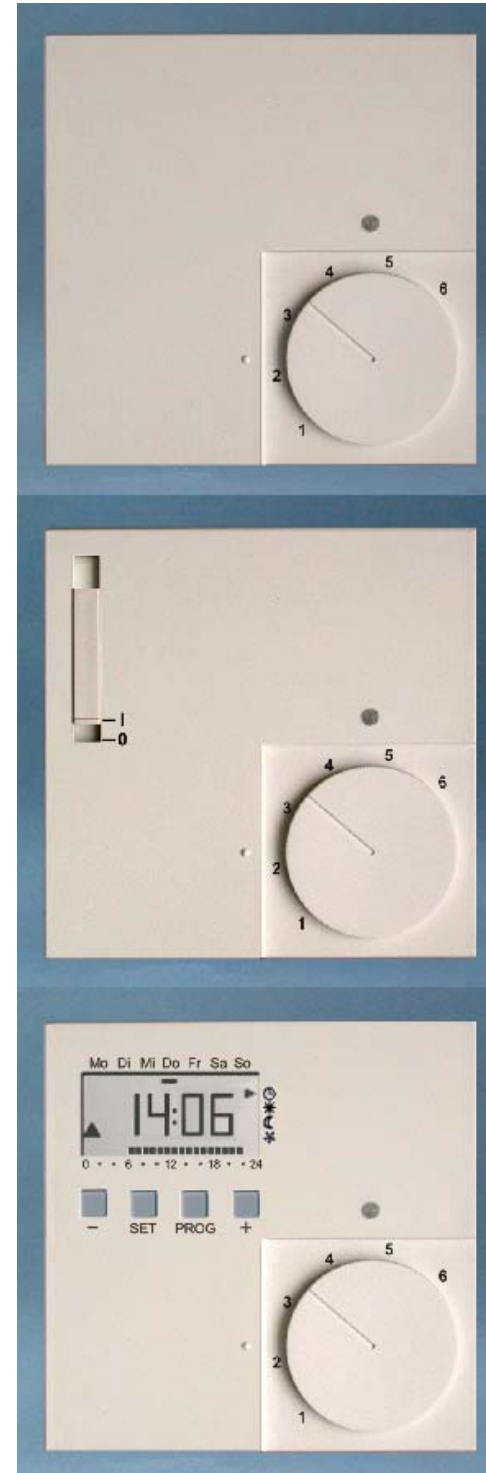


# Room Thermostats Clock Thermostats



Types SF 20, SF 29, SF 220



## Application

- Warm water heating
- Electric heating
- Air conditioning

## Versions

- Internal and external sensor
- Triac output (noiseless)
- Switch automatic / off (also: heating/cooling!)
- Customer versions on request
- Relay output can be switched over to NO or NC function (advantage for stockkeeping)
- Same design of room thermostat and clock thermostat!
- Internal sensor
- External sensor
- Relay output
- Operating voltage: 24V or 230V
- Clock for heating and setback programmes (clock thermostat)
- Adjustment range limiter (all versions)
- LED for switching indication

## Easy mounting in 3 steps



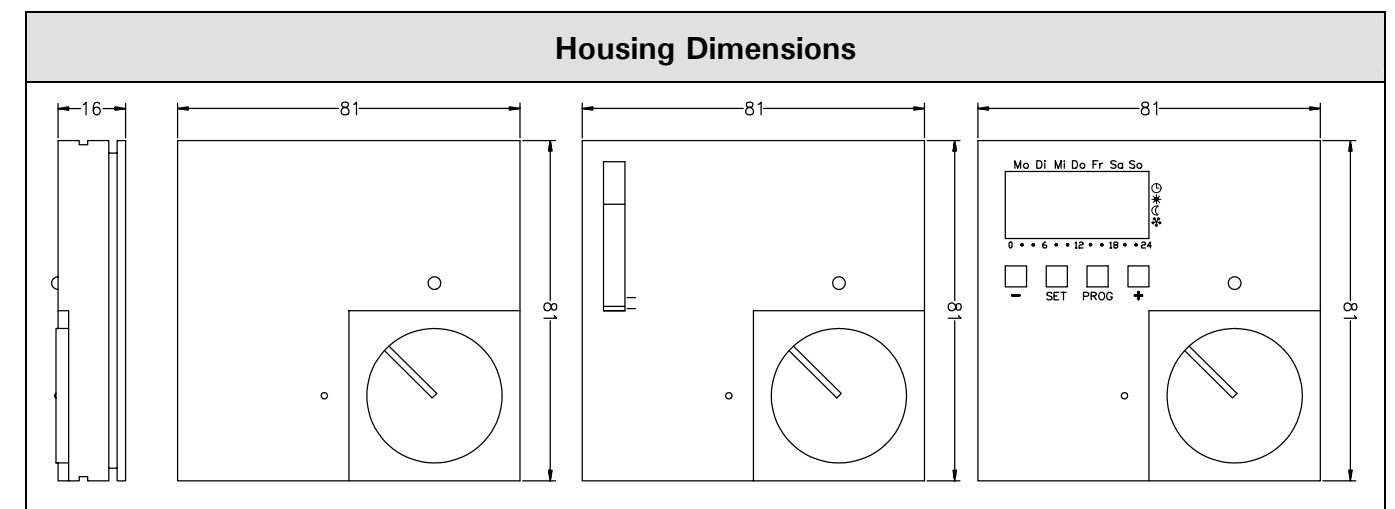
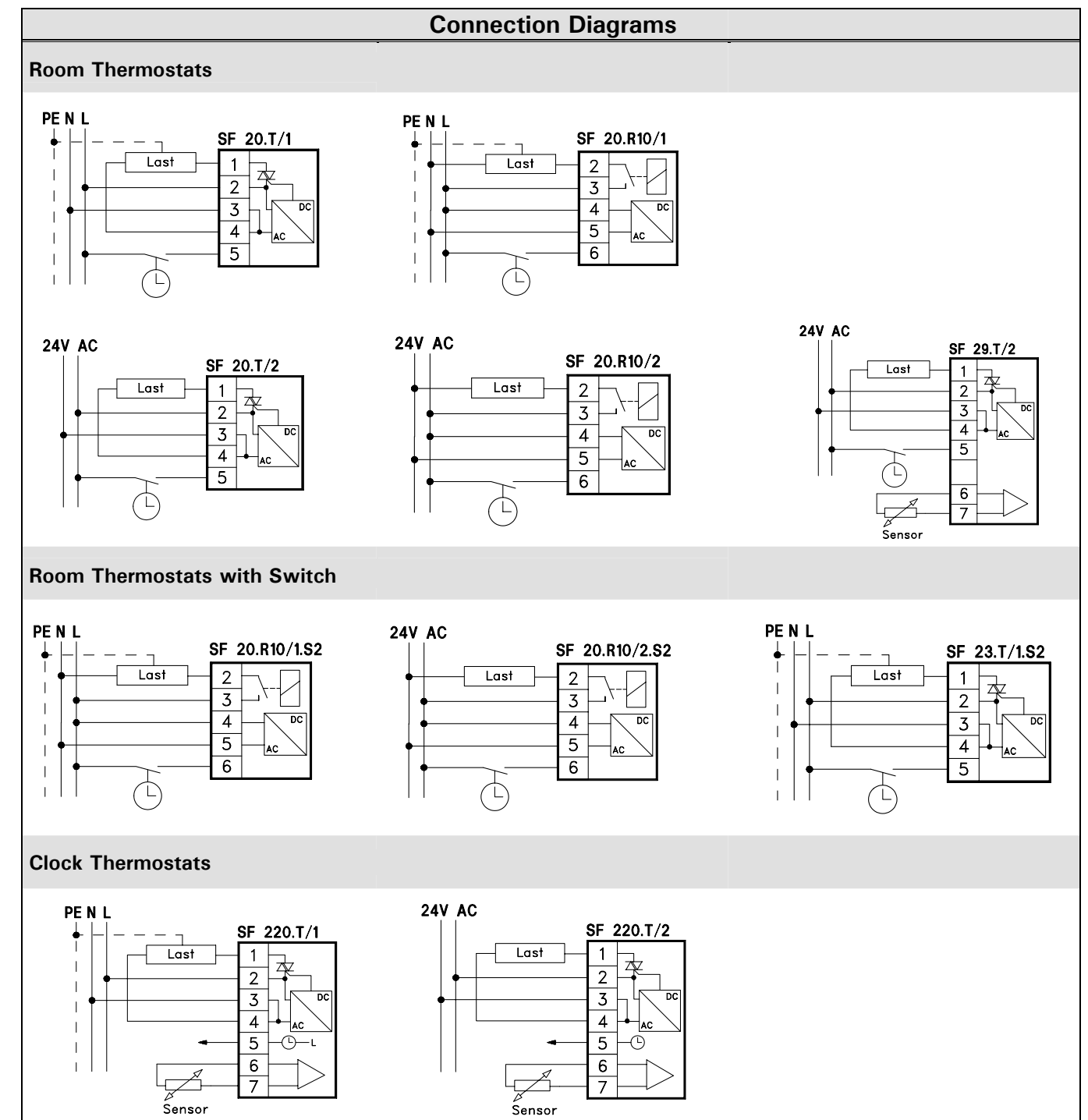
① Mount base plate on wall box

② Connect wires

③ Snap in the thermostat

Delivery Programme											
Type	Room Thermostats					Room Thermostats with Switch			Clock Thermostats		
	SF 20.T/1	SF 20.T/2	SF 20.R10/1	SF 20.R10/2	SF 29.T/2	SF 20.R10/1.S2	SF 20.R10/2.S2	SF 23.T/1.S2	SF 220.T/1	SF 220.T/2	
<b>Technical Data</b>											
Temperature Range	+ 5 ... + 30°C										
Outside Scale **	plus -minus										
Temperature Setback	2 ... 10K, adjustable										
	approx. 2K, fix										
	approx. 5K, fix										
Sensor KTY	internal										
	external										
	(self-monitoring, 4m Ø6mm)										
Sensor Tolerance	max. ± 1K										
Operating Differential	± 0.1 ... ± 3.0K, adjustable										
	± 0.2K, fix										
Limiter Function	+ 10 ... + 50°C, adjustable										
Operating Voltage	24V AC										
	230V AC										
Max. Current	0.8A, 230V AC										
	1A, 24V AC										
	1A, 230V AC										
	10(4)A, 230V AC										
Output	relay (NO), potentialfree										
	triac (noiseless), not potentialfree										
Control-LED	heating on										
Switch	automatic / off										
	heating / cooling										
<b>Week Time Switch</b>	electronic										
Reserve Power approx. 4 hours	(refers to the clock, time programmes are stored permanently)										
32 Program Places	(max. 112 switching times)										
Programming	4 keys										
Temperature Resolution	nominal value 0.5K, actual value 0.1K										
Default Settings	Mo-Su 06:00 heating										
	Mo-Fr 22:00 setback										
	Sa-Su 23:00 setback										
<b>Housing</b>											
Protective System	IP 30										
Protective Class	II according to EN 60335										
Weight	approx. 90g										
	approx. 110g										

\*1 Remote sensor FK 133/4 included  
 \*\*1 Inside scale on request



Do you know the complete product range of Stuhl Regelsysteme?

Subject to modification

Relay output can be switched over  
 for currentless open / closed  
 valve actuators!

**ADVANTAGE: much space for connection!**

