

## MECHANICAL ROOM THERMOSTATS FOR CURRENT USE

### TP 546

Mechanical room thermostats are intended for simple and reliable control of room temperature. Their main advantages are easy handling and operation without any power supply. A big dial with a clear scale enable precise temperature settings between 5 and 30 °C.

TP 546 thermostats are manufactured either with contacts for control of current appliances (boilers, fans etc.), min. switched current 250 mA, or with contacts for control of electronic circuits where the switched current is between 20 and 300 mA.

**TP - 546 DT** - basic model, 230 V

**TP - 546 LA** - 230V model, with a glow lamp signaling ON state

**TP - 546 OL** - 230V model, with a glow lamp signaling ON state and with a switch

Standard models for usual appliances (min. switched current 250 mA)

Type	Code	Voltage	Max. current*	Signalling	ON/OFF switch	Night setback	Wiring
TP - 546 DT	10945	230 V	16(2,5)A/250V	no	no	no	2 leads
TP - 546 LA	10946	230 V	16(2,5)A/250V	yes	no	no	3 leads
TP - 546 OL	10947	230 V	16(2,5)A/250V	yes	yes	no	3 leads

Max. current is given for resistance load, the number in brackets is valid for induction load. The number is valid for the switch-off contact.

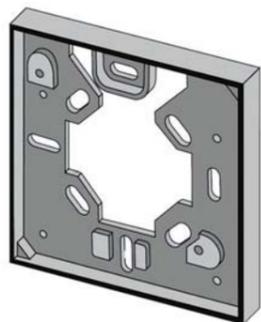
Model for electronic circuit switching (switched current 20-300 mA).

Type	Code	Voltage	Max. current	Signalling	ON/OFF switch	Night setback	Wiring
TP - 546 GCDT	10948	24 až 230 V	300 mA	no	no	no	2 leads

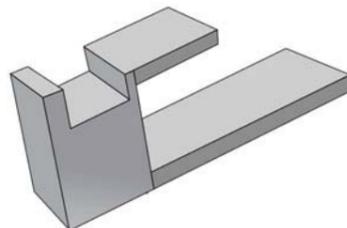


## Mounting accessories for TP546 thermostats

Wall frame for TP 546 room thermostat, for installation on an electrical box  
code 11076



Temperature limiting pin for TP546 room thermostat  
code 11077



# Room Thermostats

Cost efficient thermal comfort  
User friendly



# Regulus

Energy-saving solutions

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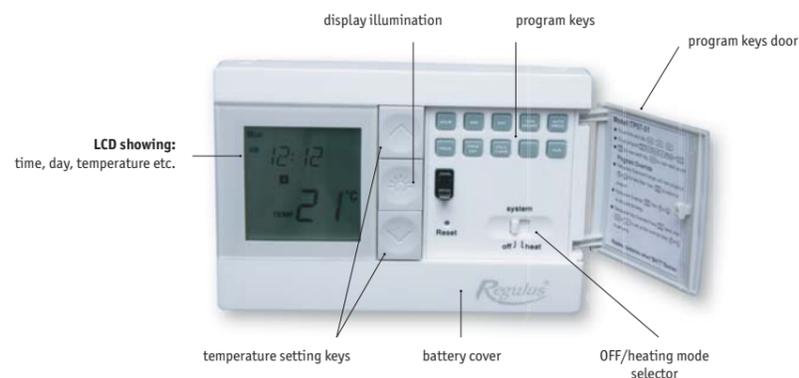
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## PROGRAMMABLE ROOM THERMOSTATS

Programmable electronic room thermostats with a weekly program are intended for comfort room temperature control according to a preset time schedule. Energy is thus saved and thermal comfort maintained. They can be used for both heating and cooling. These thermostats are all equipped with an easy-to read LCD display showing room temperature, time and weekday, status of the output relay (boiler ON/OFF) and the current mode (setback - comfort - antifrost). The mode can be changed by simple pressing a key.

### TP 07

enables setting 4 different temperatures in 4 time sections for each weekday, the temperature difference can be selected. Heat anticipator can be switched on - heating is switched on in advance so that the required temperature is reached at the preset time. Three modes with a fixed temperature (holiday operation, antifrost mode, party mode).



### TP 08

offers a selection from eight preset programs incl. the antifrost one, or creating further eight user defined programs. 2 temperature levels (set-back or comfort) can be set in the range from 5°C to 35°C. The time program is shown on the display.



TECHNICAL DATA	TP07	TP08
Adjustable temperature range	7 - 35 °C in 0.5 steps	5 - 35 °C in 0.5 steps
Adjustable temp. difference	yes, 0.5 - 1.5 °C	no
Reading interval	10 s	10 s
Antifrost temperature	5°C	5 °C
Number of weekly programs	1+ antifrost	7+ 8+ antifrost
Programs for days	Mo, Tu, We, Th, Fr, Sa, Su	Mo, Tu, We, Th, Fr, Sa, Su
Number of possible changes per day	4 in 15min. steps	24 in 1hour steps
Max. contact load	24 - 230VAC; 5(2)A	24 - 230VAC; 8(2)A
Power supply	2× battery AA 1.5V	2× battery AA 1.5V
IP protection	IP30	IP30
Code	8180	6298

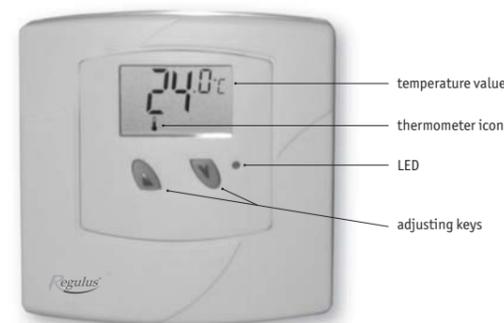
Max. current is given for resistance load, the number in brackets is valid for induction load.

## ELECTRONIC ROOM THERMOSTATS

They are designed for simple control of room temperature.

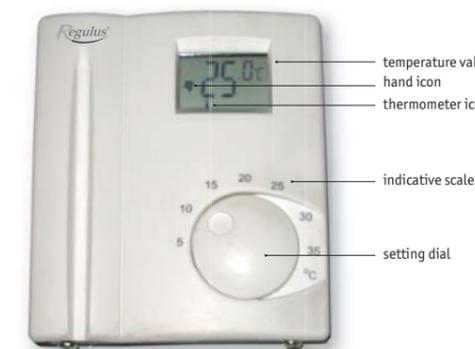
### TP 18

A simple electronic room thermostat with an LCD display, showing the room temperature and the current state (ON/OFF). Battery powered, 2x AAA.



### TP 39

A simple electronic room thermostat with an LCD display, showing the room temperature and the current state (ON/OFF). Mains powered (230 V), no batteries needed.



### TZT 63

A plug-in electronic thermostat with a timer and antifrost protection. The timer enables to override the preset temperature by simple pressing a key and to switch the controller on for a preset time between 15 min. and 5 hours. After expiration it returns to the thermostat mode. An easy-to-read LCD displays ambient temperature, thermostat state (ON/OFF) or the countdown timer. It is mains powered (230 V), no batteries needed.



### TZ 33

A plug-in electronic thermostat with an LCD showing room temperature and the thermostat's ON/OFF state. The LED below the display indicates the plug state (ON/OFF). Mains powered (230 V), no batteries needed.



TECHNICAL DATA	TP18	TP39	TZ33	TZT63
Temperature range			5 - 35 °C adjustable	
Switching difference			~ 0,5 °C	
Operation voltage	24 - 230 V		230 V / 50 Hz	
Max. contact load	5(3.5)A		16(3) A	
Power supply to contacts	2 × 1.5 V AAA		230 V	
IP protection		IP30		IP 20
Relative humidity		5 - 90 % (non-condensing)		5 - 95 % (non-condensing)
Code	7355	6299	6295	8269