

MECHANICAL ROOM THERMOSTATS

TP 546

Mechanical room thermostats featuring easy handling and operation without any power supply. A big dial with a clear scale enables 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



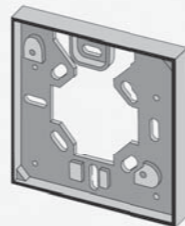
TP - 546 GCDT - Model for electronic circuit switching (switched current 20-300 mA)

Technical Data	DT	LA	OL	GCDT
Temperature range	5 - 30 °C	5 - 30 °C	5 - 30 °C	5 - 30 °C
Switching difference	0.4 - 0.8 °C	0.4 - 0.8 °C	0.4 - 0.8 °C	0.4 - 0.8 °C
Operation signal	no	yes	yes	no
Switch	no	no	yes	no
Operating voltage	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	24 or 230 V
Max. contact load	16(2.5) A	16(2.5) A	16(2.5) A	300 mA
Power supply to contacts	230V	230V	230V	230V
Wiring	2 conductors	3 conductors	3 conductors	2 conductors
IP protection	IP20	IP20	IP20	IP20
Relative humidity	5 - 90% (non-condensing)	5 - 90% (non-condensing)	5 - 90% (non-condensing)	5 - 90% (non-condensing)
Code	10945	10946	10947	10948

Installation accessories

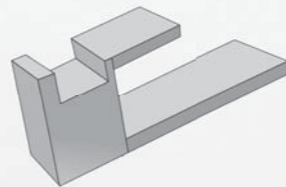
Wall frame for TP 546 room thermostat, for installation on an electrical box

Code: 11076



Temperature limiting pin for TP546 room thermostat

Code: 11077



Regulus

ROOM THERMOSTATS



ELECTRONIC 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. 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 simply by pressing a key.

TP44 and TP44 RF

These models enable heating or cooling control and setting 6 different temperatures in 6 time sections for each day of the week. The desired temperature can be changed without changing the program, in short term as well as in long term without end limitations.

TP44 RF is a wireless variant with a receiver that permits remote thermostatic control of a boiler/AC, switching the thermostat and manual control of a connected device.



Technical Data	TP44	TP44 RF
Adjustable temperature range	5 - 35 °C in 0.5 °C	
Antifrost temperature	7 °C	
Operating modes	heating/cooling	
Programs for days	Mo-Su, Mo-Fr/Sa-Su, 24 h	
Number of possible changes per day	6 in minute steps	
Max. contact load	230 V / 6(2) A	
Power supply	2x battery AAA 1.5V	
Code	17173	17174

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

TP 08

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



Technical Data	TP08
Antifrost temperature	5 °C
Number of weekly programs	7+ 8+ antifrost
Programs for days	Mo, Tu, We, Th, Fr, Sa, Su
Number of possible changes per day	24 in 1 hour steps
Max. contact load	24 - 230VAC; 8(2)A
Power supply	2x battery AA 1.5V
Code	6298

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

ELECTRONIC ROOM THERMOSTATS

TP18

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

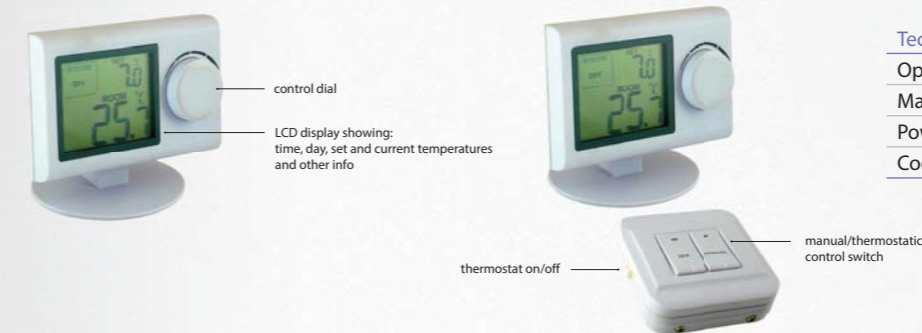


Technical Data	TP18
Operating voltage	24 - 230 V
Max. contact load	5(3.5)A
Power supply to contacts	2 x 1.5 V AAA
Code	7355

TP34 and TP34 RF

Simple electronic room thermostat with LCD display for heating and cooling, showing room temperature, set temperature and current thermostat status (heating/cooling/frost protection). Battery powered, 2x AAA.

TP34 RF is a wireless version with a receiver that allows remote thermostatic control of the boiler or air conditioning, thermostat shutdown and manual control of the connected device.



Technical Data	TP34	TP34 RF
Operating voltage	230 V	
Max. contact load	6(2)A	
Power supply to contacts	2 x 1.5 V AAA	
Code	17168	17169

TP39 and TP69

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.

TP 39 is controlled by a dial, TP 69 by keys.



Technical Data	TP39	TP 69
Operating voltage	230 V / 50 Hz	
Max. contact load	16(3) A	
Power supply to contacts	230 V	
Code	6299	11583

Note. TP69 returns to factory defaults, i.e. 22 °C, in case of power failure.

TZ33 and TZT63

Plug-in electronic thermostat with LCD display that shows the room temperature and the current thermostat status (on/off). The LED below the display shows the current status of the electrical socket (switched on - off). It is power supplied from 230 V mains voltage (no batteries required). The TZ33 is controlled by a dial, the TZT 63 by keys, being moreover equipped with a timer and antifrost protection. The timer allows to switch on the socket regardless of the set thermostat temperature for a preset time interval between 15 minutes and 5 hours. Then it automatically returns to thermostat mode.



Technical Data	TZ33	TZT63
Operating voltage	230 V / 50 Hz	
Max. contact load	16(3) A	
Power supply to contacts	230 V	
Code	6295	8269

Note. TZT63 returns to factory defaults, i.e. 20 °C, in case of power failure.