

ROOM TEMPERATURE CONTROLLER

Type: PT – 100

FUNCTION AND APPLICATION

The instrument is to be used for controlling the indoor temperature of flats, offices and other communal facilities. It can directly operate relays, magnet switches resp. switch power supply system. It can be used for controlling of heating equipment furnished with oil-burner, gas-burner and circulating pump. Certain types - by means of a manually operated switch - can sink the night temperature set for daytime.

The instruments equipped with change-over switch can control heating or cooling equipment as well. (* marked models)



TECHNICAL DATA

Adjustable temperature range: +5 ÷ +30 °C

Electric load: 250V / 50 Hz 10 (4) A

6-24V / 50 Hz 2 (1) A

6-24V= 100 mA

Switching temperature difference $\Delta T < 0,4$ °C

Without heating resistor $\Delta T < 07$ °C

Shock protection II.

Protection IP 20

Air relative humidity: 30 ÷ 80 %

Switching cycles 100.000

Construction normal, indoor

Position of use wall mounted

Operation mode 2C

MAINTENANCE

No maintenance is required

PACKAGING

Individual packaging in cardboard boxes

STORAGE, TRANSPORT

Storing in dry, ventilated room (relative humidity 30 ÷ 80 %

environmental temperature range +5 ÷ +40 °C)

Transport temperature: not more than +40°C

MODELS

CONTROLLER WITH MAIN SWITCH

Type code. PT - 101 Product Nr: 5032 - 0 - 001 - 0 (*)

Room temperature controller for general use. By means of K1 switch the temperature controller can be set for operation (ON / OFF switch)

CONTROLLER FOR ECONOMIC OPERATION

Type code. PT - 102 Product Nr: 5032 - 0 - 002 - 0

Made for operation of wall mounted gas - boilers. By means of K1 switch the temperature set for daytime can be reduced by about 3°K

REMOTE PROGRAMMED CONTROLLER

Type code. PT - 103 Product Nr: 5032 - 0 - 003 - 0 (*)

The temperature set by a remote programming timer (230V - 50 Hz) can be reduced by 3 °K in the programmed periods.

CONTROLLER WITH SELECTING SWITCH

Type code. PT - 104 Product Nr: 5032 - 0 - 004 - 0

Room temperature controller for electric heat - storing stoves. The speed of the hot air circulating fans can be switched in two stages (SLOW - FAST) In central stage the fan is switched off - temporarily keeping the stored heat.

BASIC MODEL

Type code. PT - 105 Product Nr: 5032 - 0 - 005 - 0

It switches ON/OFF the controlled equipment

LOW VOLTAGE MODEL

Type code. PT - 111 Product Nr: 5032 - 0 - 011 - 0

Special model for operating low voltage (6 ÷ 24V AC/DC) controlled little boilers

Attention: In case of DC control the load of contacts must not exceed 100 mA!