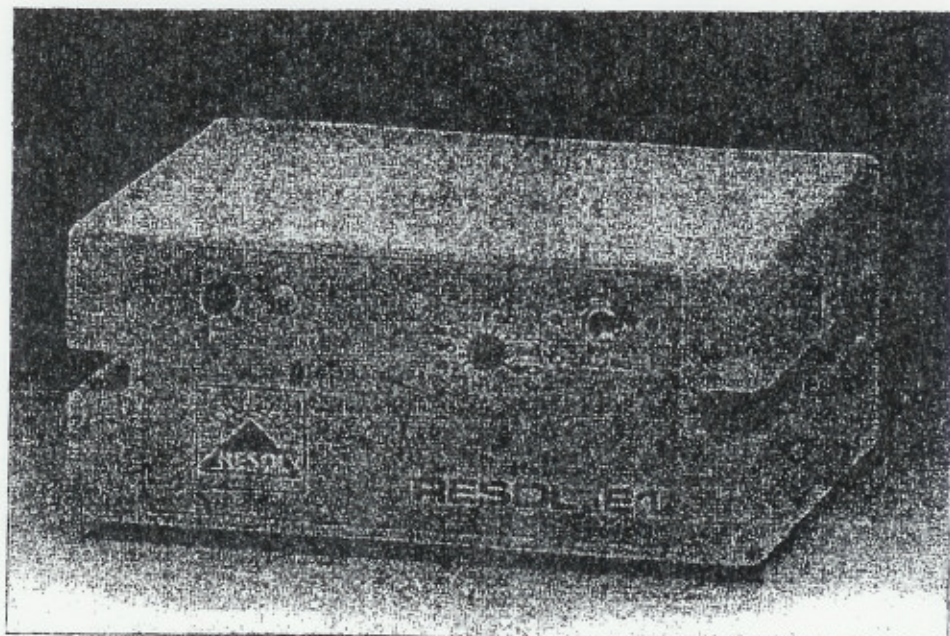




- maximum temperature adjustable
- plug-in plastic housing
- tested by VDE



#### Technical data of RESOL EI

##### Housing:

plug-in plastic housing

##### Protection type:

IP40 / DIN 40050

##### Size:

112 x 52 x 106 mm

##### Environmental temperature:

0 ... +40 °C

##### Temperature difference

##### $\Delta T$ :

2 ... 11 K (°C) adjustable

##### Switch difference: 1,6 K,

optionally adjustable

##### Temperature limitation:

20 ... 90° C, optionally

20 ... 40° C for swimming-

pools

##### Switch capacity:

1 relay output, selector

switch, permissible

maximum power 4 A

##### Supply:

230 Volt, 50-60 Hz

± 10%, ca 2,7 VA

#### Short description:

The differential temperature regulator RESOL EI controls the temperatures T1 and T2, which are measured by 2 sensors and compares the temperature difference with the adjusted temperature difference  $\Delta T$ . The regulator switches ON, when this adjusted temperature difference  $\Delta T$  is achieved or overrun; the regulator switches OFF, when this difference is fallen below by the adjusted hysteresis. If the adjusted maximum temperature is reached, no further loading of the store will take place.

The control of this regulator is effected by a relay-changeover contact to which several pumps or electrical valves can be connected.

Two temperature sensors from our product range are necessary to operate the regulator RESOL EI.

The regulator RESOL EI can be delivered for additional charge with the following options:

- Hysteresis adjustable from 1...10 K
- Switch-off delay
- Frost protection
- Cooling function
- Volt supply: 12 or 24 V DC instead of 230 VAC
- Version for temperature sensors Pt1000

Depending on the operation area and mounting possibilities, different sensor types can be employed. The sensors are available in different materials and with different cables. Please take more detailed information of the sensors from our separate sensor leaflet.

The shown example only represents a principle sketch and does not replace a proficient installation planning. Errors and technical changes reserved.

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