



## Elektrische temperatuur schakelaar 1 fase



### Differential temp. controller

**EDTW** Ref. no. 01613

#### ■ Area of application and advantages

- Elec. continuously variable differential temp. controller for connection to elec. controllable
  - ceiling fans and all
  - 1~ alternating current fans.
- For constant speed control depending on the temperature differential.
- This controller saves valuable heating energy when used with ceiling fans or fans which circulate the room air from top to bottom. It optimises the temperature difference between the ceiling and floor.

#### ■ Function

- Continuously variable speed control (0 – 100 %) depending on the difference value between the two temp. sensors and the comparison with the setpoint specification.
- Includes temperature sensors with external cable (1 x 10 m long, for installation below the ceiling; 1 x 2 m long, for installation above the floor.
- The speed increases within the proportional range when the temperature difference increases and the speed decreases when the difference decreases.
- Variable adjustment of proportional band from 1–10 K.

#### ■ Setting options

- On/off (with function display).
- Automatic/manual operation.
- Change of direction of rotation.
- Proportional range.
- Summer operating mode: As manual speed controller. Motor humming noises can be generated during operation depending on the fan type.

#### ■ Casing

Impact-resistant plastic, white, for surf. and flush-m. installation.

#### ■ Technical data

Voltage	230 V, 1~, 50/60 Hz
Load capacity max.	2.5 A (T 40 E)
Control range adjustable	1 – 10 K
Protection category	IP20
Dim. mm	W 210 x H 85 x D 55
Weight approx.	0.7 kg
Wiring diagram no.	438