

TEMPERATURE REGULATORS

Temperature regulator
TST-1-300
TSTD-1-300



■ **Applications**

Applied for temperature control in HVAC systems. Applicable for fan control as well as actuating of fan coils and air heating units driven by 230 V three-speed fans. Provides automatic air heating/cooling rate.

■ **Design and control**

The temperature sensor is built into the plastic control panel casing. A digital light-up LCD display and control knobs are located at the control face panel. The display shows the current and set indoor air temperature, selected mode for cooling, heating or automatic mode as well as set motor speed. The rotation speed can be adjusted manually by means of control knob rotation.

Provision is made for automatic control of rotation speed (quick/medium/low) depending on the indoor temperature.

- ▶ LCD highlighting allows to use the room thermostat in low light conditions.
- ▶ Temperature control with accuracy up to 1 °C.
- ▶ The user setup saving during power cut-off.
- ▶ The model TSTD-1-300 is equipped with a remote controller.

■ **Mounting**

The room thermostat is designed for indoor flush mounting. The recommended installation height is 1.5 m above floor level. The room thermostat is not designed for installation close to windows, doors, heating or cooling devices.

Technical data:

| | TST-1-300 | TSTD-1-300 |
|-----------------------------------|------------------|-------------------|
| Voltage [V / 50 Hz] | 1~ 230 | 1~ 230 |
| Rated current [A] | 1 (0.6A) | 1 (0.6A) |
| Number of selected speeds | 3 | 3 |
| Temperature adjustment range [°C] | +10...+30 | +10...+30 |
| Maximum ambient temperature [°C] | 40 | 40 |
| Protection rating | IP 40 | IP 40 |
| Remote control panel | no | yes |

