

Speed controller
RS-...-T



■ **Applications**

Applied in ventilation systems for speed switching ON/OFF and speed control of single-phase power-controlled motors. Several fans can be controlled synchronously in case their total consumption current does not exceed the maximum permissible value of the controller current.

■ **Design and control**

The controller casing is made of flame-retardant thermoplastic and fitted with ON/OFF knob with pilot light. The controller is featured with high efficiency and control accuracy. Output power is controlled from 25 to 100% as a function of the control knob position. The minimum speed is set by means of the potentiometer at the PCB. The controller is

equipped with extra 230 V terminal for connection and controlling such external equipment as actuator-driven air dampers.

■ **Protection**

Input circuit of the speed controller has a thermal fuse for overload protection. The controller is fitted with a transient filter.

■ **Mounting**

The controller is designed for indoor mounting. Installation shall be performed with respect to the free air circulation for inner circuit cooling. The controller is for vertical installation. Do not install the controller above the heaters and in bad air convection areas.

Technical data:

	RS-1,5-T	RS-3,0-T	RS-5,0-T	RS-10,0-T
Voltage, [V/50 Hz]	1~ 230	1~ 230	1~ 230	1~ 230
Minimum current [A]	0,2	0,3	0,5	1,0
Maximum current [A]	1,5	3,0	5,0	10,0
Overall dimensions LxWxH [mm]	123x191x97	123x191x97	123x191x97	123x191x97
Maximum ambient temperature [°C]	+5...+40	+5...+40	+5...+40	+5...+40
Protection rating	IP 54	IP 54	IP 54	IP 54
Mass [kg]	0,3	0,3	0,3	0,3

