

TRANSFORMER SPEED CONTROLLER

Single phase speed controller
RSA5E-2-P



Speed control enables not only selecting the comfortable ventilation mode for the periodically visited premises but reducing the energy consumption for the ventilation.

■ **Applications**

RSA5E-2-P series speed controller is applied for air flow control of single phase fans by means of step control of motor speed. The controller has five speeds. Speed is set by means of rotating the control knob at the casing front panel. Several fans can be controlled synchronously in case their total consumption current does not exceed the maximum permissible value of the controller current.

■ **Design**

The controller casing is made of flame-retardant thermoplastic. The controller has five speeds with the output power 110V-130V-160V-190V-230V and incorporates ON/OFF button with pilot light, the control knob for speed switching and the emergency operation LED indicator. The integral motor protection device is included which cuts the supply voltage to the fan if the thermal contact in the fan motor is activated. After the temperature drops to the operating level the motor restarts.

The controller has the following supplementary functions:

- ▶ terminals for connection to the room thermostat or to the thermostat for the icing protection. In case of the circuit breaking the power supply to the motor is disabled;
- ▶ terminals of 230 V, max. 2A for connection and controlling such external equipment actuator driven air damper;
- ▶ provision for remote speed control (refer the connection options).

■ **Mounting**

The controller is designed for indoor mounting. Installation shall be performed with respect to the free air recirculation for inner circuit cooling.

Technical data

	RSA5E-2-P
Voltage [V/50 Hz]	1~230
Rated current [A]	2.0
Overall dimensions LxWxH [mm]	222x120x100
Maximum ambient temperature [°C]	40
Protection rating	IP54
Weight [kg]	3.1

