

Three-phase speed controller **RSA5D-...-M**



■ Applications

RSA5D-...M series speed controllers are applied for air capacity control of three-phase fans by means of step control of motor speed. The controllers have five speeds. Speed is set by means of rotating the control knob at the casing front panel to one of five available fixed positions. 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. The controller has five speeds with the output power 90V - 150V - 200V - 280V - 400V and incorporates control speed knob, light indication for operation and pilot lamp to indicate the emergency

operation of the controller. The controller has built-in motor overheating protection which cuts power supply in case of exceeding the set temperature threshold. After the temperature drops to the operating level the motor restarts.

The controller is fitted with terminals of 230 V, max. 2A for connection and controlling such external equipment as actuator driven air damper.

■ Mounting

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

	RSA5D-5,0-M	RSA5D-8,0-M	RSA5D-10,0-M	RSA5D-12,0-M
Voltage, [V/ 50 Hz]	3~ 400	3~ 400	3~ 400	3~ 400
Rated current, [A]	5,0	8,0	10,0	12,0
Overall dimensions LxWxH [mm]	325x250x245	325x250x245	425x300x250	425x300x250
Maximum ambient temperature [°C]	+5...+35	+5...+35	+5...+35	+5...+35
Protection rating	IP 44	IP 44	IP 44	IP 44

