

RS Electronic single phase speed controller



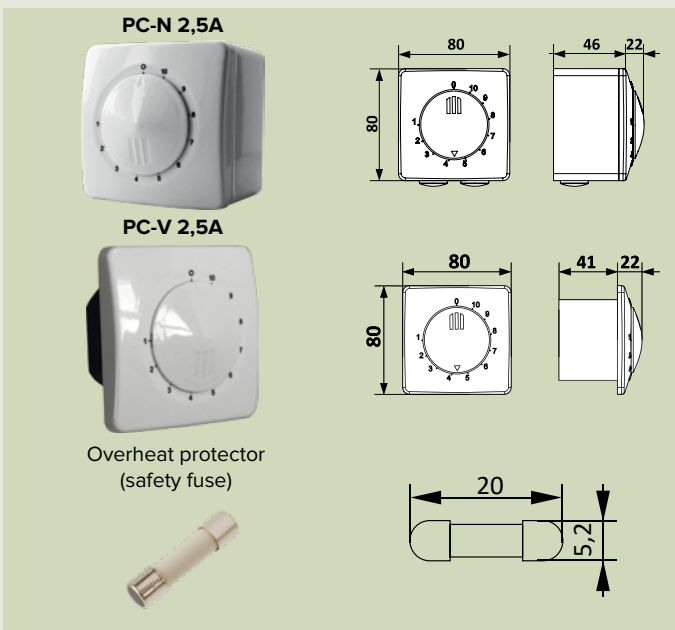
- Speed controllers are used in ventilation systems to regulate the speed of the fan motor rotation.
- Speed control is carried out using a special knob mounted on the board. It allows to set the speed value and turn on/off the device. The minimum rotation speed is defined by a pot resistor.
- Speed controllers allow to regulate several fans simultaneously, provided that their total power and operating current do not exceed the speed controller rated parameters.
- Allows indoor wall mounting (RS-V model) or mounting into a standard outer electrical terminal box (RS-N model).
- Equipped with an RFI filter and an overheat protector with current intensity of 2,5 (a spare overheat protector is included).
- Speed controllers help to save energy and reduce noise level of the operating fan setting the low rotation speed when there is no need for the fan to operate at maximum. It helps prolong the equipment service lifetime.

Technical specifications

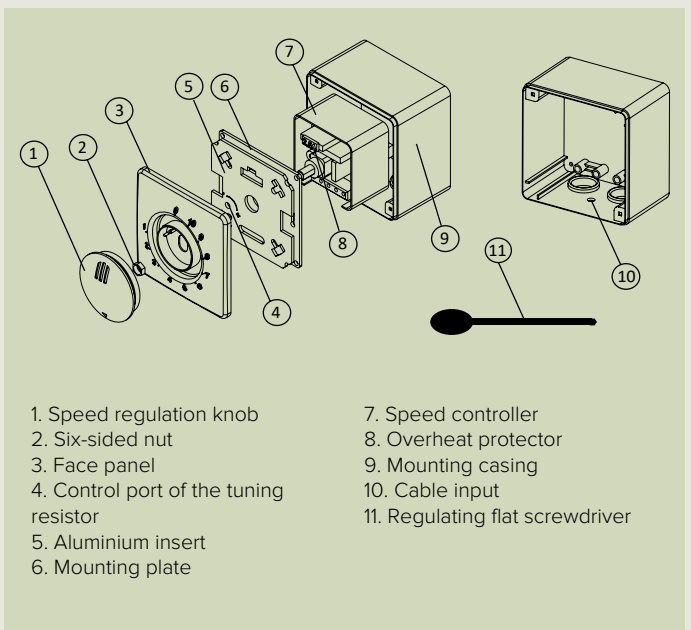
Mains voltage	220-240B/50Hz
The fan motor operating voltage	220-240B/50Hz
Minimum current value	0,25A
Maximum current value	2,5A
Overheat protectors	2,5A
Lead-in wire	screw terminal block 0,5...0,75 mm ²
Maximum background temperature	+40 °C
Ingress protection rating	IP44

Article	Description
RS-V 2,5A	Speed controller with indoor wiring, full-load current 2,5 A
RS-N 2,5A	Speed controller, terminal box installation full-load current 2,5 A

Dimensions



Speed controller structure



- | | |
|--|---------------------------------|
| 1. Speed regulation knob | 7. Speed controller |
| 2. Six-sided nut | 8. Overheat protector |
| 3. Face panel | 9. Mounting casing |
| 4. Control port of the tuning resistor | 10. Cable input |
| 5. Aluminium insert | 11. Regulating flat screwdriver |
| 6. Mounting plate | |