

Analog Single-Phase AC Fan Speed Controllers

FSC.100A

Havkon FSC Series Analog Fan Speed Controllers are designed for manual and stepless speed control of single-phase AC fan motors supplied with 230 VAC. By using phase-cut control technology, the controller regulates the effective voltage applied to the motor, enabling smooth and precise fan speed adjustment.

The FSC Series is suitable for ventilation applications such as duct fans, kitchen hoods, heat recovery units, exhaust systems, and other equipment requiring manual speed control of resistive and inductive loads.

FSC.100A models provide up to **10 A load capacity** and can be controlled via the **ACP.220K wall-mounted control panel** or alternatively by a **3-speed selector switch**. The compact design allows installation on **DIN rail or wall mounting**, ensuring easy integration into electrical systems.

The FSC Series offers a **practical and reliable solution for residential and commercial ventilation control applications**.



Technical Specifications

Electrical Data	Power Supply	230 VAC \pm 10% , 50/60 Hz
	Power Consumption	3 VA
	Output Type	Phase-cut AC output
	Maximum Output Current	10 A
	Connection	Screw terminal block, 1.5 mm ²
Environmental Conditions	Operating Temperature	0 ... +50°C
	Storage Temperature	-25 ... +70°C (without icing and condensation)
	Relative Humidity	Max. 80% RH at 31 °C, decreasing linearly to 50% at 40 °C
	Maximum Altitude	2000 m
Functions	Control Method	External potentiometer control
	Speed Adjustment	Stepless
	Potentiometer Input	0–220 kΩ
	Control Output	Phase-cut voltage output
Protection & Standards	Load Compatibility	Resistive and inductive loads
	Protection Degree	IP 20
	Standard	EN 60529

Order Codes

FSC.100A

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