

Control system

EFC1P2

EFC1P2, Electronical speed regulator

Electronic speed controller for FC and EC motors requiring 0-10 V control signal.



Product description

Electronic speed regulator for FC motors, uses 0 -10 V control signal. Used for manual variable rpm control for all EXHAUSTO fans installed with FC or EC motors. With EFC1P2, the rpm can be variably controlled over the interval 25-100%.

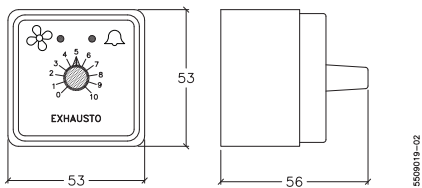
The control panel contains a potentiometer with a circuit breaker built into the control knob.

General data

Ambient temperature range	-20 °C - +40 °C
---------------------------	-----------------

Dimensional data

Height (mm)	53
Width (mm)	53
Depth (mm)	56



Electrical datas

Protection rating	IP20
-------------------	------

Installation

Only Type-A earth-leakage circuit breakers can be used with single-phase ventilators with EC/FC motors. These circuit breakers also break the circuit when DC current (pulsating DC) is detected.

These circuit breakers are marked with:

Start/stop and speed setting of the ventilator (potentiometer with built-in on/off switch)
Operating LED (green) for the fan motor.
Alarm LED (red) to indicate motor overheating or over current.
For more information regarding electrical connection, refer to the EFC1P product instructions.

Only Type-B earth leak circuit breakers can be used with three-phase ventilators with EC/FC motors.

These circuit breakers are marked with

The EFC1P speed regulator control panel controls the motor controller in the EC/FC motor. The linear 0-10 scale sets the ventilator's rotary speed.

The control panel contains a potentiometer with a circuit breaker built into the control knob.

Control system

EFC1P2

EFC1P2, Electronical speed regulator