

DIN SPM

The SPM regulator is a module that can be controlled by the DIN NANO FSC and allows the single-phase fan speed to be varied up to 8 A. It uses the phase-cutting principle to adjust the effective output voltage from 0 to 230 V AC, according to the 0-10 V DC command signal applied on input.

The output can be adjusted manually by connecting an external 10 k Ω potentiometer to the board. The regulator is fitted with a fuse, which can be easily inspected and replaced, which guarantees short-circuit protection.

It is recommended to verify that the connected motors are suitable for use with phase-cutting regulation.



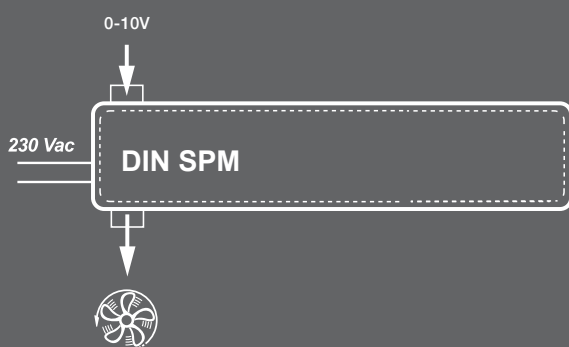
APPLICATIONS

- Speed controller of the condensation fans.
- Speed controller of the evaporator fans.

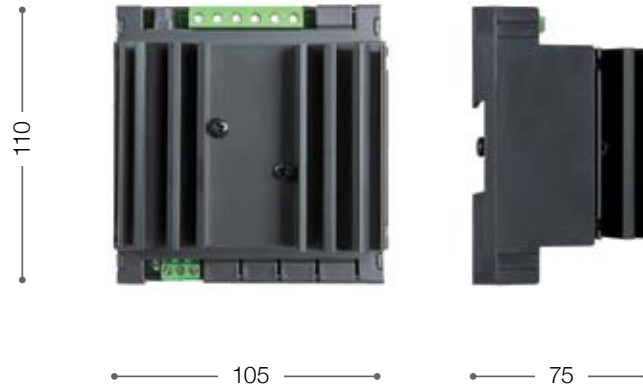
MAIN CHARACTERISTICS

- Effective output voltage from 0 to 230 V AC.
- Control signal 0-10 V DC.
- Protected from short-circuit by means of a fuse.
- Possible manual control via an external 10 k Ω potentiometer.
- Power supply 230 V AC.

CONNECTION DIAGRAMS



DIN SPM



TECHNICAL CHARACTERISTICS	DIN SPM
DIMENSIONS	105 x 110 x 75 mm
WEIGHT	0,5 kg
POWER SUPPLY	230 V AC $\pm 10\%$ 50-60 Hz
ABSORBED POWER	5 VA max
WORKING TEMPERATURE	-5 \div +50 $^{\circ}\text{C}$
STORAGE TEMPERATURE	-10 \div +70 $^{\circ}\text{C}$
RELATIVE AMBIENT HUMIDITY	< 90% RH
CONNECTION	Screw fixed clamps
FUSE	6,3 x 32, 10 A delayed
INPUTS	
ANALOGUE	0-10 V DC
OUTPUTS	
RATED CURRENT	8 A

