



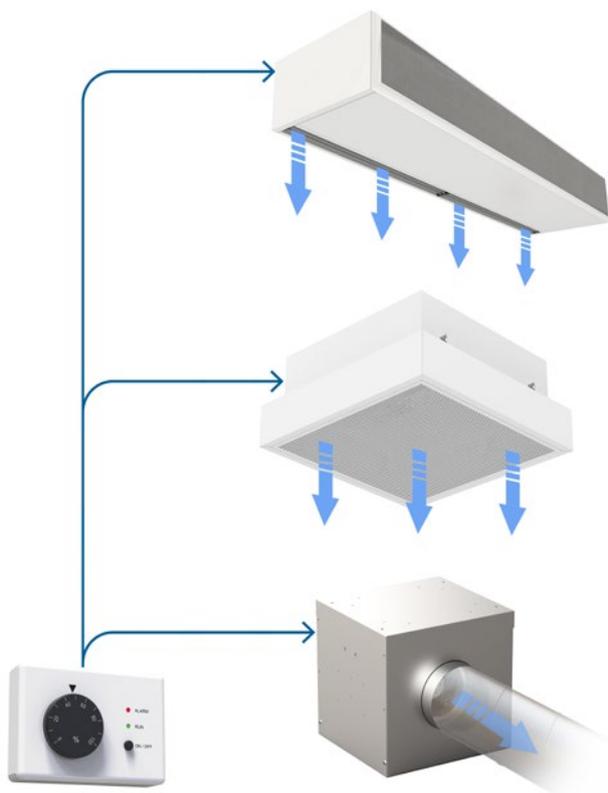
**0-10V POTENTIOMETER
PM-6**

PM-6

The PM-6 is a 0–10 V potentiometer designed for precise supply control in electronic and industrial applications. It features a 0–100% rotary wheel that allows smooth and accurate adjustment. It works for EC units and it can be power supplied with 10 or 24V.

The PM-6 is equipped with an ON/OFF push button that allows the device to be easily activated or deactivated. In addition, it features two LED indicators that provide clear visual feedback on the operating status: the alarm LED illuminates when the alarm signal is closed at the corresponding terminals, while the RUN LED turns on when the device is activated via the ON/OFF button.

The PM-6 provides a simple and reliable solution for supply control and status monitoring.



The PM-6 0–10 V potentiometer is suitable for manual control of ventilation and air conditioning equipment that requires a 0–10 V analog signal.

It is commonly used in air curtains, allowing simple adjustment of operating speed or output according to environmental conditions.

It can also be applied to fans, extractors and ventilation systems in commercial premises, offices or light industrial installations, enabling local airflow adjustment.

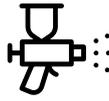
In addition, it is suitable for use with air handling units, heat recovery units and other HVAC equipment, providing intuitive control through its control wheel, with integrated ON/OFF function and visual indication of operating status and alarm.

Technical Overview



Control connection

Alarm
12/24VDC
0-10V



PCB protection

Tropicalized



Weight

0,038 Kg



Material

ABS UL 94 V0



Finishes

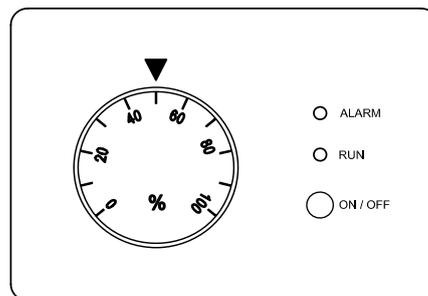
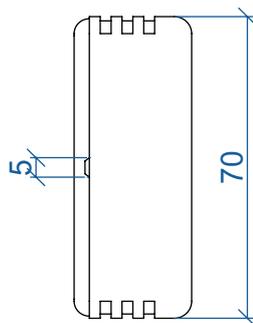
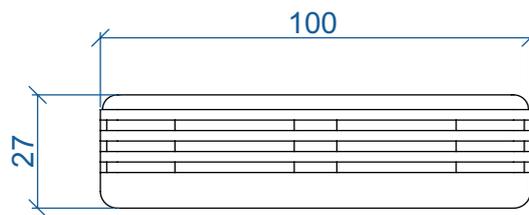
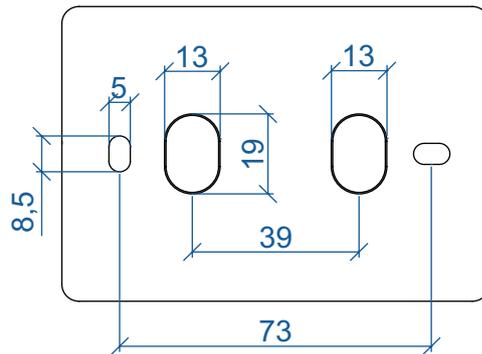
RAL 9016
Matte Surface



Fire Protection

Self-extinguishing

Dimensions



Technical Features

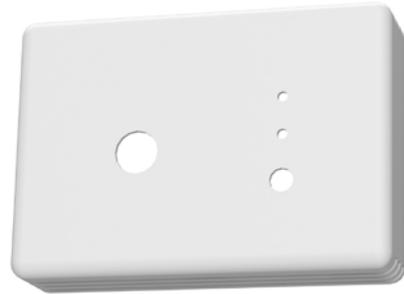
Electronic Features and Controls

- 0–100% control wheel to regulate the supply.
- Dual power supply option: 24 V or 10 V.
- ON/OFF push button to activate or deactivate the device.
- Two LED indicators for Run and Alarm status.
- Optimized cooling of electronic components through multiple integrated ventilation slots on the sides of the front casing.



Mechanical Design and Enclosure

- Plastic enclosure, dimensions 100 × 70 × 27 mm.
- Self-supporting casing construction made of ABS plastic, compact, rigid, and impact-resistant.
- Matte white finish RAL 9016 as standard; other colours available on request.
- Easy opening and closing system with pressure pivots.
- Standard wall-mounting fixing points.
- Rear cable entries through the back cover.



The PM-6 model has 4 screwing points on the back cover, for fixing electronic boards, depending on the dimensions of the circuit. In addition, the box includes a series of turrets and ribs that ensure internal reinforcement, ensuring a compact and rigid structure.

For lateral cable entry, the front casing has a break-out zone on the side, and the rear cover incorporates 2 pre-punched holes for rear cable entry.

