

AUXILIARY POWER SUPPLY

AE/SA-FA

Descripción

The auxiliary power supplies of the FA-5A series are switched power sources with a microprocessor-based control circuit, designed according to the European Standard EN 54-4. They comprise the following:

- Switched 150W power supply.
- Mains voltage monitor.
- Earth fault detection.
- Output voltage and battery monitoring.
- Battery charging monitor.
- 2 independent voltage outputs, with protection fuse.
- Possibility to associate an output to the operation of the algorithmic 3 wire loop.
- Total output current monitor.
- Indicator pilot lamps.
- Indicator and battery charge test key.
- General fault state relay.
- Possibility of integration in Fire Panels of the 2- and 3-wire Algorithmic System, through an interface for the corresponding system.



Location of the power supply unit

The Power Supply Unit should be installed in an appropriate place, in an area that is policed and protected and meets a series of requirements:

- The ambient operating temperature remains between +5º C and +35º C.
- The relative humidity is between 5% and 90%.
- It will be mounted on a wall so as to allow easy access to its interior, and to view the indicator pilots
- The power supply should not be located in an area exposed to high levels of humidity.
- The power supply should not be located in areas exposed to vibration or impact.
- The power supply should not be located in areas where access is blocked to the internal equipment and the wiring connections.

For the satisfactory operation of the unit, it is necessary to respect the indicated distances to achieve proper ventilation and avoid overheating of the unit.

TECHNICAL CHARACTERISTICS	CHARACTERISTICS
<p>Connection:</p> <p>Cable infeed: tube infeeds of 26 mm diam. removable window of 150 x 35 mm in the rear part</p> <p>Cable section: 2.5 mm² maximum</p> <p>Power Feed:</p> <p>Supply voltage: 230 V / 50 Hz.</p> <p>Recommended cable: H05 VV-F 3 X 1.5mm²</p> <p>Switched source voltage setting 28.2 V</p> <p>Working voltage: 27.2 V</p> <p>Supply voltage failure: < 21.5 V > 29.5 V</p> <p>Automatic disconnect: < 20.5 V</p> <p>Maximum current, source and charger: 5.2A.</p> <p>Maximum output current 4.5A</p> <p>Maximum current per output 3.0 A</p> <p>Type of batteries: 2 sealed rechargeable lead-acid batteries of 12V / 17Ah (or 7Ah) connected in series.</p>	<p>Size:</p> <p>Width: 390 mm.</p> <p>Height: 440 mm.</p> <p>Depth: 100 mm.</p> <p>Colour: RAL 9002</p> <p>Material: Rolled AP 011 plate</p> <p>Weight: 20 kg with batteries of 17Ah</p> <p>Degree of protection: IP30C</p>
	CERTIFICATIONS
	