



# ZAFIRPWS

## EXTERNAL POWER SUPPLY

### External power supply for fire protection installations

External Power Supply (with batteries charge incorporated) for fire detection and fire alarm systems. Certified according EN 54-4.

This equipment is specially recommended for properly feeding any fire detection device which requires external power supply.

It has two outputs:

30V output monitored and protected by a fuse, for easy connection. Dry contact fault output, for integration with other systems.

The system has three indication leds to show system status:

RED (green): system operating through 110/230 V/AC power supply.

BATTERY (green): system operating under batteries.

FAULT (amber): system fault, general power supply fault or fault in the auxiliary battery supply.

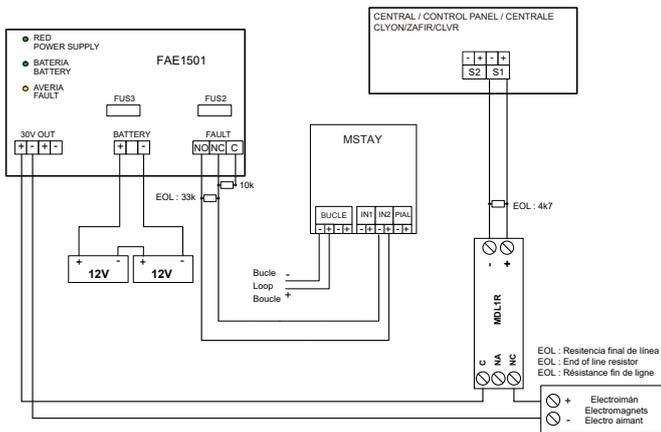
There are 2 models available depending on the needs of the system:

- ZAFIRPWS2 (65W): supply capacity 1,5A (65w).
- ZAFIRPWS5 (150W): supply capacity 4A (150w).

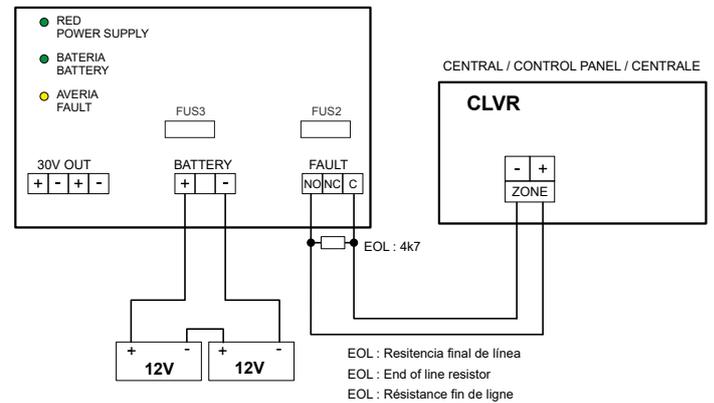
General power supply connection is different between the two models. ZAFIRPWS2 is connected to electrical network by a connector located on the right side of the box. ZAFIRPWS5 is connected to electrical network directly to the switching power supply.

External Power Supply is placed inside a metallic box of 368x336x96mm (with cover), which allow additional space for installing batteries (2x12 Vdc7Ah).

There is a variant with white door (ZAFIRPWS02Y and ZAFIRPWS05Y).



Wiring diagram ZAFIRPWS2/5  
Algorithmic Addressable system



Wiring diagram ZAFIRPWS2/5 fault output

TECHNICAL FEATURES			
Power supply	110/230V 50-60Hz/AC	Humidity	20-95%RH
Consumption in standby	50mA	Temperature	-10°C to +50°C
Output voltage	29~29,5VDC	Dimensions	368x336x96mm (with cover)
Output current	ZAFIRPWS2(Y): 1,5A / ZAFIRPWS5(Y): 4A	IP protection	IP30
Batteries charger	Yes	Standard	EN 54-4