

F2112 – SWITCHED MODE POWER SUPPLY 12Vdc 70W

The switched mode power supply F2112, features two 13,65Vdc output connections with independent fuse protection for System equipment supply (Service outputs) , and a dedicated output for battery charge (1,5A in floating mode).

This advanced power supply, also incorporates technical supervision signals. It has 4 opto-coupled signals with LED indicators, and a overload LED indicator for each 12Vdc supply output. The technical failure outputs can be serialized in order to use as a single signal for all failures. It also features a dedicated interface for sabotage alarms.



Through RS232 interface is possible to have remote monitoring of F2112 parameters, as output voltage for each output, current throughput for each output, and state of alarm signals.

FEATURES

MAIN SUPPLY

- Input supply: 100VAC-230VAC 50 Hz.
- Dissipated Power: 70 Watt.
- Minimum performance > 84% (for resistive load)

LOCAL INDICATORS

- EPS.
- Power supply outputs 12Vdc (1 y 2).
- Battery State.
- General Power Supply Alarm.
- Service Power Supply Alarm.
- Sabotage Alarm.
- Battery Alarm.



DESARROLLO DE SISTEMAS INTEGRADOS DE CONTROL S.A.

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ALARM OUTPUTS

There are 4 opto-coupled alarm outputs for remote equipment monitoring. These outputs can be serially connected by the included dip-switch.

- General Supply Alarm Signal(230 Vac Mains).
- Service Supply Alarm Signal (12 Vdc).
- Sabotage Alarm Signals (Tamperers)
- Battery failure Alarm Signal

SPECIFICATIONS

Mains Supply:	100VAC-230Vac -50 Hz
Power:	70 W
Output:	13,65 Vdc 5 A
Connections:	Pluggable Connectors (1.5mm ² cable).
Sizes (wi x he x de)	153,0 x 105,5 x 45,0mm.
Mounting:	Standard DIN Rail (35mm symmetrical).
Weight:	360 gr.
Temperature Range:	-10°C a +55°C
Relative Humidity Without Condensation:	< 93%.
EN50131 Ambient Class	Class II



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