



24V

ALF2401

**PRATICAL** : ON/OFF switch.

- Power-on indicator.

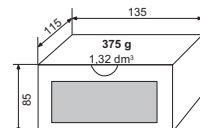
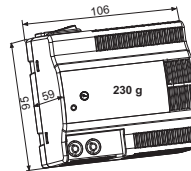
**PRECISE** : Output ripple < 3mV rms.

- Output voltage adjustable from 20 to 30V.

**PROTECTED** : against Short circuit.**RESISTANT TO SHOCK****30 WATTS**

24 V

1,25 A



## Specifications

### Voltage

- Floating outputs on 4 mm safety sockets.
- Output voltage : adjustable from 20 to 30V linearly. Delivered to 24V  $\pm 1\%$
- Regulation : < 20mV for a load change from 0 to 100%  
< 5mV for a line change from 190 to 264V.
- Ripple : < 3mV rms including:  
< 3mV peak to peak of the switching signal  
< 4mV peak to peak of the signal at 100 Hz  
< 15mV peak to peak of switching spikes
- Dynamic regulation : < 0,5% for a load change from 10 to 90%
- Indicator : green power-on LED indicator.

### Current

- Max I : 1,5A to 20V  
1,25A to 24V  
1A to 30V

### Power

- Max output power : 30W.
- Efficiency : > 82% at the full power (30W in output)

### Protection

- Short circuit protection, by current regulation.
- Transformer primary overcurrent protection, by fuse.
- Against transient pulse on the primary by varistor.

## Other specifications

- Safety : Class II, Safety Extra Low Voltage (SELV) according to EN 61010-1.
- EMC : Complies with EN 61326-1, performance criteria B, and EN 55011, ISM Group I, Class B.
- Protection level : IP 30.
- Input voltage : 190 to 264 Volts, 50 / 60 Hz.
- Mains input : double insulation 2 poles cable.
- Power consumption : 35 W max.
- ON/OFF control : toggle switch
- Dielectric strength : 3000 Vac between input and output.
- Presentation : polycarbonate case screenprinted.