

EAN CODE : 3760244880260

12 V + ACTIVE PFC

ALE1210

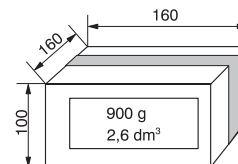
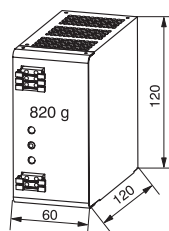
**PRECISE** : Output ripple < 3 mV rms.**COMPLIE** : EN 61000-3-2 Built in active power corrector (PFC).**PRACTICAL** : Output voltage adjustable from 10 to 15 V.**PROTECTED** : Short circuit protection.**EASY** : Direct DIN rail mounting.

- Dual spring terminal block.

**120 WATTS**

12 V (Adj. 10 to 15 V)

10 A



## Specifications

### Voltage

- Floating outputs on dual spring terminal block for 2.5mm<sup>2</sup> (AWG 12) wire
- Output voltage : adjustable from 10 to 15 V.
- Regulation : < 25 mV for a load variation from 0 to 100%.  
< 1 mV for a line variation from -10 to +10%.
- Ripple : < 3 mV rms including:  
< 5 mV peak to peak of the signal at 100 kHz  
< 5 mV peak to peak of the signal at 100 Hz  
< 35 mV peak to peak of switching spikes
- Hold-up time : 25 ms at half load and 12 ms at full load (190 V line input).
- Indicator : green power-on LED indicator.  
"status, output fault" red LED.

### Current

- Max I : 10,5 A in short circuit condition.  
10 A from 10 to 15 V

### Power

- Max output power : 150 W.

### Protection

- Short circuit protection, by current limit.
- Against overcurrent on main input, by fuse.
- Output overload protection by voltage limiting to 17 V.

## Other specifications

- Safety : Complies with EN 61010-1, EN61010-2-201 and EN 62368-1.
- EMC : Complies with EN 61000-6-2 and EN 61000-6-4.
- Insulation Class : I
- Overvoltage Category : II
- Pollution Degree : 2
- Installation altitude : < 2000 m
- Protection level : IP 30
- Operating temperature: from -10 to +60 °C ; derating : 2.5 %/K from +45 °C
- Input voltage : 190 to 264 Volts, 50-60 Hz.
- Mains input : Dual spring terminal block for 2.5 mm<sup>2</sup> (AWG 12) wire.
- Power consumption : 175 W max.
- Power factor : 0,99 (built with PFC).
- Dielectric strength : 3000 VAC.  
1800 VAC from input to chassis.
- Presentation : galvanized steel case and front panel with epoxy finish.
- Mounting : Integral symmetrical DIN rail clips.