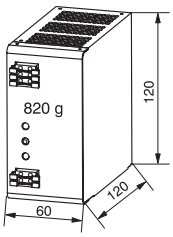
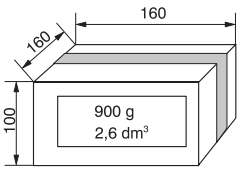
EAN CODE : 3760244880260

12 V + ACTIVE PFC **ALE1210**

PRECISE : Output ripple < 3 mV rms.
COMPLIE : EN 61000-3-2 Built in actif 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 2.5mm² (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 mm² (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.