



24V + ACTIVE PFC

ALE2405

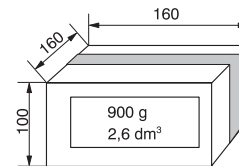
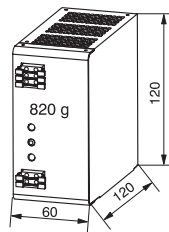
- PRECISE** : Output ripple < 3mV rms.
- COMPLIE** : EN 61000-3-2 Built in active power corrector (PFC).
- PRACTICAL** : Output voltage adjustable from 20 to 29V.
- PROTECTED** : Short circuit protection.
- EASY** : Direct DIN rail mounting.
- Dual spring terminal block.



120 WATTS

24V (Adj. 20 to 29V)

5A



Specifications

Voltage

- Floating outputs on dual spring terminal block for 2.5mm² (AWG 12) wire
- Output voltage : adjustable from 20 to 29V.
- Regulation : < 20 mV for a load change from 0 to 100%.
< 1 mV for a line change from 190 to 253V.
- 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
 - < 40 mV peak to peak of switching spikes
- Hold-up time : 25 ms at half load and 12 ms at full load (190V line input).
- Indicator : green power-on LED indicator.
"status, output fault" red LED.

Current

- Max I : 5,5 A in short circuit condition.
5 A from 20 to 29 V

Power

- Max output power : 150 W.

Protection

- Against short circuit protection, by current limit.
- Against overcurrent on primary circuit, by fuse.
- Against overload on outputs, by voltage limit to 33 V.

Other specifications

- Safety : Classe I, complies with EN 60950.
- EMC : Complies with EN 61000-6-2 and EN 61000-6-4.
- Protection level : IP 30.
- Input voltage : 190 to 253 Volts, 50 / 60 Hz.
- Mains input : Dual spring terminal block for 2.5mm² (AWG 12) wire.
- Power consumption : 170 W max.
- Power factor : 0,99 (built in PFC).
- Dielectric strength : 4000V.
1500V from input to chassis.
- Presentation : galvanized steel case and front panel with epoxy finish.
- Mounting : Integral symmetrical DIN rail clips.