



12V PRIM 190 TO 440V + ACTIVE PFC

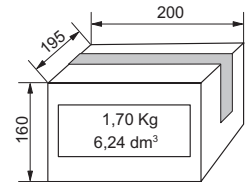
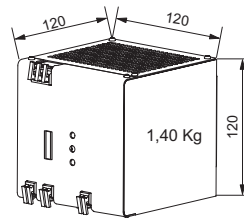
ALE1225

- PRECISE** : Output ripple < 3mV rms.
- COMPLIE** : EN 61000-3-2 Built in actif power corrector (PFC).
- DIAGNOSTIS** : Alarm by Relay with invert contact.
- PRACTICAL** : Output voltage adjustable from 10 to 15V.
- UNIVERSAL** : 190 to 440V main input voltage.
- POWERFUL** : To cumulate n+1 (Parallel active mode).
- PROTECTED** : against short circuit.
- EASY** : Direct DIN rail mounting  
- Spring terminal block.



**300 WATTS**

12V (Adj. 10 to 15V)  
25A



## Specifications

### Voltage

- Floating outputs on dual spring terminal blocks with levers for 2,5 mm<sup>2</sup> (AWG 12) wire.
- Output voltage : adjustable from 10 to 15 V.
- Regulation : < 100 mV for a load change from 0 to 100%.  
< 10 mV for a line change from 190 to 440 V.
- Ripple : < 3mV rms including :  
< 5 mV peak to peak of the signal at 100 KHz  
< 5 mV peak to peak of the signal at 100 Hz  
< 10 mV peak to peak of switching spikes
- Internal resistance : 4 mΩ
- Hold-up time : 25 ms at half load and 12 ms at full load (190 V line input).
- Indicator : green power-on LED indicator.  
overheat or overvoltage red LED indicator.
- Information Relay : Invert contact, 250VAC (30VDC) 1A.

### Current

- Max I : 25,5 A in short circuit condition.  
25 A from 10 to 12 V, 20 A 15 V

### Power

- Max output power : 300 W from 12 to 15 V, 250 W at 10 V.

### Protections

- Against short circuits by current limit.
- Against overcurrent on primary circuit by internal fuse.
- Against output overload by voltage limiting to 17 V.
- Against current reverse power surges on the output, by fuse.

## Other specifications

- Safety : Class 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 440 Volts, 50 / 60 Hz.
- Mains input : Dual spring terminal blocks for 1,5mm<sup>2</sup> (AWG 16) wire.
- Power consumption : 360 W max.
- Power factor : 0,99 (built in PFC).
- Dielectric strength : 4000 V between input and output.
- Presentation : galvanized steel case and front panel with epoxy finish.
- Mounting : Integral symmetrical DIN rail clips.

### Paralleling

- Load share controller (1 wire) on dual spring terminal blocks for 1,5 mm<sup>2</sup> wire (AWG 16).

