

EAN CODE :3760244880321 24 V PRIM 190 TO 440 V + ACTIVE PFC

ALE2412

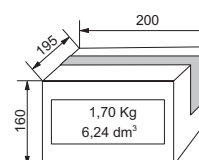
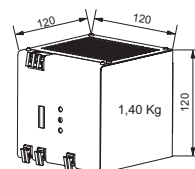


- PRECISE** : Output ripple < 3 mV rms.
COMPLIE : EN 61000-3-2 Built in active power corrector (PFC).
DIAGNOSTIS : Alarm by Relay with invert contact.
PRACTICAL : Output voltage adjustable from 20 to 30 V.
UNIVERSAL : 198 to 440 V main input voltage.
POWERFUL : to cumulate n+1 (Parallel active mode).
PROTECTED : against short circuit.
EASY : Direct DIN rail mounting - Spring terminal block.

**300 WATTS**

24 V (Adj. 20 to 30 V)

12,5 A



Specifications

Voltage

- Floating outputs on dual spring terminal blocks with levers for 2,5 mm² (AWG 12) wire.
- Output voltage : adjustable from 20 to 30 V.
- Regulation : < 10 mV for a load variation from 0 to 100%.
< 5 mV for a line variation from 198 to 440 V.
- Ripple : < 3 mV rms including :
< 8 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
- Internal resistance : < 1 mΩ
- Hold-up time : 25 ms at half load and 12 ms at full load (198 V line input).
- Indicator : green power-on LED indicator.
overheat or overvoltage red LED indicator.
- Information Relay : Invert contact, 250 VAC (30 VDC) 1 A.

Current

- Max I : 15,5 A in short circuit condition.
15 A at 20 V, 12,5 A at 24 V, 10 A at 30 V.

Power

- Max output power : 300 W from 20 to 30 V.

Protections

- Against short circuits by current limit.
- Against primary circuit overcurrent, by internal fuse.
- Against output overload by voltage limiting to 33 V.
- Against current reverse power surges on the output, by fuse.

Other specifications

- Safety : Complies with EN 61010-1, EN 61010-2-201 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 : +5 to +50 °C.
- Input voltage : 220-400 VAC (198 to 440 Volts), 50-60 Hz.
- Mains input : Dual spring terminal blocks for 1,5 mm² (AWG 16) wire.
- Power consumption : 360 W max.
- Power factor : 0,99 (built with PFC).
- Dielectric strength : 4000 VAC between input and output.
2500 VAC between input to chassis.
- 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 with level for 1,5 mm² wire (AWG 16).

