

EAN CODE : 3760244880932

All inclusive :
24V or 48V
230V / 440V
Redundant
Activ parallel

24 V or 48V ALE244810



PRACTICAL : Output voltage 24V (adj. from 23,5 to 28,6 V).
48V (adj. from 47 to 57,2 V).

UNIVERSAL : 198 to 440 V main input voltage.

POWERFUL : to cumulate n+1 (Parallel active mode).

REDUNDANT : integrated function - without option
SPACE SAVING - WIRING SAVINGS

DIAGNOSIS : Alarm by Relay with invert contact.

EFFICIENCY : Until 93% (cost and energy saving)

ACTIF power corrector (PFC).

PROTECTED : against short circuit.

EASY : Direct DIN rail mounting.

Double pluggable terminal blocks at the output.

POWER BOOST : Delivers 20% more current for one second.
No need to oversize the installation

240 WATTS

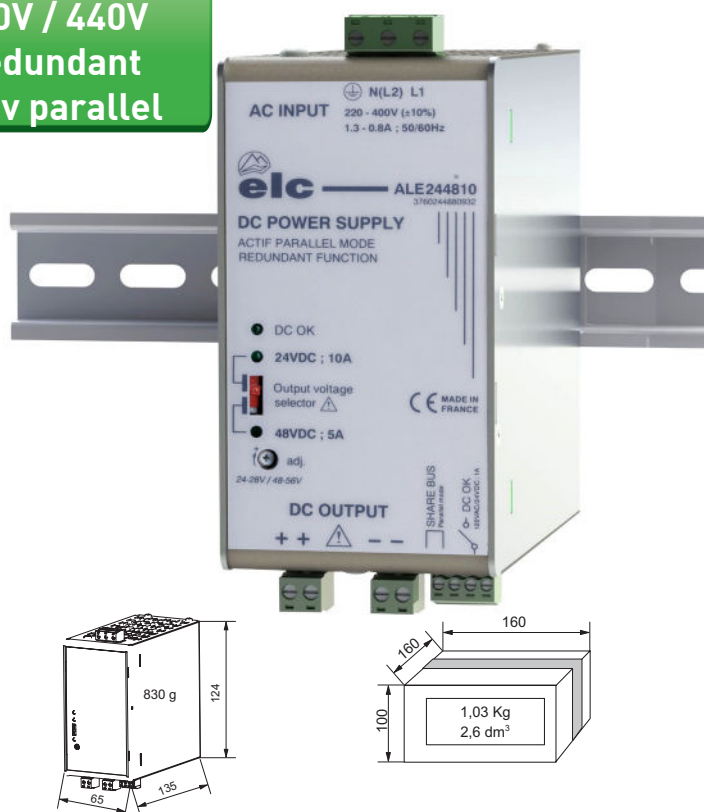
24 V (Aj. 23,5 to 28,6 V) - 10 A

or

48V (Aj. 47 to 57,2 V) - 5 A

REDUNDANT

ACTIV PARALLEL MODE



Specifications

Voltage

- Floating outputs on double pluggable terminal blocks
- Maximum wire section : 2,5mm² (AWG12).
- Output voltage : configurable 24 V (Adj. 23,5 to 28,6 V) or 48 V (Adj. 47 to 57,2 V).
- Regulation : < 10 mV for a load variation from 10 to 90%.
< 5 mV for a line variation from 198 to 440 V.
- Ripple : < 10 mV rms including :
< 10 mV peak to peak of the signal at 100 kHz
< 60 mV peak to peak of switching spikes
- Hold-up time : 25 ms at half load and 18 ms at full load (198 V line input).
- Indicator : green power-on LED indicator.
yellow LED "selection of the output voltage".
- Information relay : Invert contact, 120 VAC (30 VDC) 1 A on plug-in terminal block for 1.3 mm² wires (AWG16)

Current

- Max I : 24 V -> 11,5 A in short-circuit condition.
10 A at 24 V ; 8,6 A at 28 V.
- : 48 V -> 5,75 A in short-circuit condition.
5 A at 48 V ; 4,3 A at 56 V.

Power

- Constant output power : 240 W.

Protections

- Against short circuits by current limit.
- Against primary circuit overcurrent, by internal fuse.
- Against output overload by disruption.

Other specifications

- Safety : Complies with EN 61010-1, EN61010-2-201 and EN 62368-1.
- EMC : Complies with EN 61000-3-2, 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 20.
- Operating temperature : -25 to +70 °C, derating 6W/°C from 50°C.
- Input voltage : 220-400 VAC (198 to 440 Volts), 50-60 Hz.
- Mains input : 3-pin plug-in terminal block for 2,5 mm² (AWG 12) wire.
- Power consumption : 270 W max.
- Power factor : built with PFC.
- Dielectric strength : 4500 VAC between input and output.
2500 VAC between input to chassis.
- Presentation : metal case with screen printed front panel.
- Mounting : Integral symmetrical DIN rail clips.

Paralleling / Redundant

- Load share controller (1 wire) on dual spring pluggable terminal blocks with for 1,3 mm² wire (AWG 16).
- Redundant mode (n+1) include with OR-ing

