EAN CODE :3760244880239

± 15 V or 12 V or 24 V

ALE1502D

PRECISE : Switching power supply offering a ripple < 3 mV rms.
- Output voltage adjustable from ±10 to ±15 V

SMALL : Modular,

EASY: direct DIN rail or panel mounting

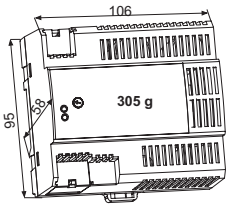
PROTECTED : against short circuits and reverse polarity.

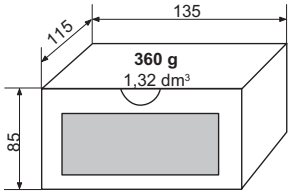
RESISTANT TO SHOCK



60 WATTS

±10 to 15 V 2 A
or 12V 5 A
or 24V 2 A





Specifications

- Floating outputs on spring terminal block with levers for 2,5 mm² (AWG 12) wires.
- Balanced-output voltage adjustable from ±10 to ±15 V

+15 V output

- Regulation : < 20 mV for a load variation from 0 to 100%.
  < 2 mV for a line variation from -10 to +10%.
- Ripple : < 3 mV rms including :
  < 3 mV peak to peak of the signal at 100 kHz
  < 5 mV peak to peak of the signal at 100 Hz
  < 12 mV peak to peak of switching spikes

-15 V output

- Regulation : < 20 mV for a load variation from 0 to 100%.
  < 2 mV for a line variation from -10 to +10%.
- Ripple : < 3 mV rms including :
  < 4 mV peak to peak of the signal at 330 kHz
  < 4 mV peak to peak of the signal at 100 Hz
  < 15 mV peak to peak of switching spikes

24V Output (Adjustable from 20 to 30V)

Available between output + and -

- Regulation : < 35 mV for a load variation from 0 to 100%
  < 10 mV for a line variation from -10 to +10%.
- Ondulation : < 3 mV rms including:
  < 8 mV peak to peak of the switching signal
  < 5 mV peak to peak of the signal at 100 Hz
  < 15 mV peak to peak of switching spikes.

Indicators

- Green power-on LED indicator.
- Overheat or overcurrent red LED "status" indicator

Current +15 V (alone)

- I max : 5,5 A in short circuit condition
  5 A from 10 to 12 V ; 4 A at 15 V

Current -15 V (alone)

- I max : 2,1 A in short-circuit condition
  2 A from 10 to 15 V

Current 24V (Adjustable from 20 to 30 V)

I max : 2,1 A in short-circuit condition
2 A from 20 to 30 V

Power

- Max output power : 60 W.
- I max ±15 V : 2 A

Protections

- Against short-circuits by current limit.
- Against overcurrent on primary circuit by fuse.
- Against overtemperature, by thermal shutdown.
- Cover on input output terminal block.

Other specifications

- Safety : Class II, Safety Extra Low Voltage (SELV), complies with EN 60950.
- EMC : Complies with EN 61000-6-2 and EN 61000-6-4.
- Protection level : IP 30.
- Operating temperature : from -25 to +60 °C ; derating : 1 W/°C from +40 °C
- Input voltage : 190 to 264 Volts, 50/60 Hz.
- Mains input : spring terminal block with levers for 2,5 mm² (AWG 12) wires.
- Power consumption : 78 W max.
- Dielectric strength : 3000 VAC from input to output.
- Presentation : modular polycarbonate case (6 x 17.5 mm) screenprinted.
- Mounting : Clips package integrated in modular case for DIN rails profile 35x7,5 mm or 35x15 mm.
  Removable wall mouting integrated to the case for 4 mm screws.