

EAN CODE :3760244880239

+ 15V or 12V or 24V

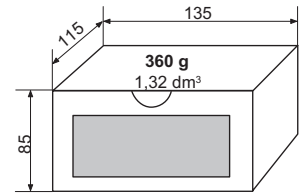
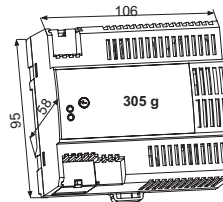
ALE1502D



- PRECISE :** Switching power supply offering a ripple <3mV rms.
- Output voltage adjustable from  $\pm 10$  to  $\pm 15$ V
- SMALL :** Modular,
- EASY:** direct DIN rail or panel mounting
- PROTECTED :** against short circuits and reverse polarity.
- RESISTANT TO SHOCK**



**60 WATTS**  
 $\pm 10$  to 15V 2A  
 or 12V 5A  
 or 24V 2A



## Specifications

- Floating outputs on spring terminal block with levers for 2,5mm<sup>2</sup> (AWG 12) wires.
- Balanced-output voltage adjustable from  $\pm 10$  to  $\pm 15$ V

### +15 V output

- Regulation : < 20mV for a load variation from 0 to 100%.  
< 2mV for a line variation from 190 to 264V.
- Ripple : < 3mV rms including :  
< 3mV peak to peak of the signal at 100KHz  
< 5mV peak to peak of the signal at 100Hz  
< 12mV peak to peak of switching spikes

### -15 V output

- Regulation : < 20mV for a load variation from 0 to 100%.  
< 2mV for a line variation from 190 to 264V.
- Ripple : < 3mV rms including :  
< 4mV peak to peak of the signal at 330KHz  
< 4mV peak to peak of the signal at 100Hz  
< 15 mV peak to peak of switching spikes

### 24V Output (Adjustable from 20 to 30V)

Available between output + and -

- Regulation : < 35mV for a load variation from 0 to 100%  
< 10mV for a line variation from 190 to 264V
- Ondulation : < 3mV rms including:  
< 8mV peak to peak of the switching signal  
< 5mV peak to peak of the signal at 100Hz  
< 15mV 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 : 5,5A in short circuit condition  
5A from 10 to 12V ; 4A at 15V

### Current -15 V (alone)

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

### Current 24V (Adjustable from 20 to 30V)

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

### Power

- Max output power : 60W.
- I max  $\pm 15$ V : 2A

### 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 : 1W/°C from +40°C
- Input voltage : 190 to 264 Volts, 50 / 60 Hz.
- Mains input : spring terminal block with levers for 2,5 mm<sup>2</sup> (AWG 12) wires.
- Power consumption : 78W max.
- Dielectric strength : 3000V from input to output.
- Presentation : modular polycarbonate case (6 x 17.5mm) screenprinted.
- Mounting : Clips package integrated in modular case for DIN rails profile 35x7,5mm or 35x15mm.  
Removable wall mouting integrated to the case for 4mm screws.